

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072591.D
 Acq On : 24 May 2022 16:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 09:19:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	142158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	213698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	207793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	93778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	79167	48.957	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.920%		
35) Dibromofluoromethane	8.016	113	69817	50.408	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.820%		
50) Toluene-d8	10.439	98	271290	51.298	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.727	95	99810	58.028	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	116.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	60848	45.430	ug/l	99
3) Chloromethane	2.293	50	70881	46.343	ug/l	96
4) Vinyl Chloride	2.434	62	60324	45.581	ug/l	98
5) Bromomethane	2.810	94	37872	50.905	ug/l	93
6) Chloroethane	2.987	64	36166	45.543	ug/l	95
7) Trichlorofluoromethane	3.351	101	106877	47.735	ug/l	100
8) Diethyl Ether	3.816	74	43287	48.393	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.198	101	64444	47.627	ug/l	97
10) Methyl Iodide	4.410	142	80828	50.756	ug/l	97
11) Tert butyl alcohol	5.363	59	74587	244.947	ug/l	99
12) 1,1-Dichloroethene	4.175	96	60091	47.982	ug/l	97
13) Acrolein	4.028	56	41209	221.814	ug/l	99
14) Allyl chloride	4.828	41	112896	48.419	ug/l	90
15) Acrylonitrile	5.539	53	229340	236.852	ug/l	99
16) Acetone	4.275	43	174805	219.927	ug/l	98
17) Carbon Disulfide	4.522	76	151113	47.611	ug/l	99
18) Methyl Acetate	4.839	43	102639	47.411	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	221717	50.031	ug/l	99
20) Methylene Chloride	5.087	84	76916	48.314	ug/l	98
21) trans-1,2-Dichloroethene	5.581	96	65514	48.342	ug/l	96
22) Diisopropyl ether	6.486	45	240505	48.543	ug/l	95
23) Vinyl Acetate	6.422	43	1041601	247.542	ug/l	97
24) 1,1-Dichloroethane	6.375	63	127082	47.557	ug/l	97
25) 2-Butanone	7.328	43	304391	226.962	ug/l	95
26) 2,2-Dichloropropane	7.316	77	101782	49.466	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	83068	48.587	ug/l	96
28) Bromochloromethane	7.651	49	53831	48.830	ug/l	92
29) Tetrahydrofuran	7.675	42	203183	243.485	ug/l	93
30) Chloroform	7.810	83	134133	47.750	ug/l	99
31) Cyclohexane	8.086	56	120888	47.194	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	113697	48.326	ug/l	97
36) 1,1-Dichloropropene	8.210	75	98034	50.029	ug/l	99
37) Ethyl Acetate	7.404	43	123157	48.080	ug/l	98
38) Carbon Tetrachloride	8.204	117	99334	48.025	ug/l	98
39) Methylcyclohexane	9.457	83	123728	51.243	ug/l	99
40) Benzene	8.451	78	305106	48.253	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	61800	47.951	ug/l	87
42) 1,2-Dichloroethane	8.522	62	99649	48.642	ug/l	98
43) Isopropyl Acetate	8.551	43	180039	49.567	ug/l	99
44) Trichloroethene	9.210	130	78712	48.413	ug/l	97
45) 1,2-Dichloropropane	9.480	63	80461	49.036	ug/l	100
46) Dibromomethane	9.569	93	53609	48.949	ug/l	99
47) Bromodichloromethane	9.757	83	106978	50.125	ug/l	99
48) Methyl methacrylate	9.557	41	89467	50.637	ug/l	94
49) 1,4-Dioxane	9.563	88	38274	1135.044	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	626496	251.953	ug/l	97
52) Toluene	10.498	92	197186	49.245	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	117136	53.692	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	128475	52.296	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	82368	49.583	ug/l	97
56) Ethyl methacrylate	10.757	69	137546	53.752	ug/l	97
57) 1,3-Dichloropropane	11.039	76	138214	49.365	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	284024	259.406	ug/l	96
59) 2-Hexanone	11.080	43	459835	260.857	ug/l	98
60) Dibromochloromethane	11.233	129	90076	50.659	ug/l	99
61) 1,2-Dibromoethane	11.339	107	87293	50.401	ug/l	99
64) Tetrachloroethene	10.974	164	74209	48.338	ug/l	96
65) Chlorobenzene	11.763	112	220054	47.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	81971	46.630	ug/l	98
67) Ethyl Benzene	11.839	91	395412	49.962	ug/l	98
68) m/p-Xylenes	11.945	106	309158	102.485	ug/l	100
69) o-Xylene	12.274	106	153595	52.671	ug/l	99
70) Styrene	12.286	104	258016	54.673	ug/l	98
71) Bromoform	12.457	173	73460	50.841	ug/l #	100
73) Isopropylbenzene	12.574	105	401091	48.015	ug/l	100
74) N-amyl acetate	12.380	43	150242	50.107	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	127610	43.258	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	124090m	48.739	ug/l	
77) Bromobenzene	12.857	156	99838	48.178	ug/l	98
78) n-propylbenzene	12.915	91	468045	50.531	ug/l	100
79) 2-Chlorotoluene	13.004	91	274361	47.946	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	327730	50.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	42223	48.668	ug/l	95
82) 4-Chlorotoluene	13.098	91	266426	50.915	ug/l	100
83) tert-Butylbenzene	13.315	119	303375	50.139	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	322720	50.650	ug/l	99
85) sec-Butylbenzene	13.498	105	417241	51.566	ug/l	100
86) p-Isopropyltoluene	13.609	119	344123	53.940	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	172061	49.196	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	167221	48.734	ug/l	97
89) n-Butylbenzene	13.939	91	272464	52.930	ug/l	99
90) Hexachloroethane	14.204	117	61487	48.752	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	165034	49.261	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	23741	47.211	ug/l	93
93) 1,2,4-Trichlorobenzene	15.256	180	94801	53.721	ug/l	99
94) Hexachlorobutadiene	15.362	225	50608	48.598	ug/l	97
95) Naphthalene	15.498	128	303602	52.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	96716	51.189	ug/l	98

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VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

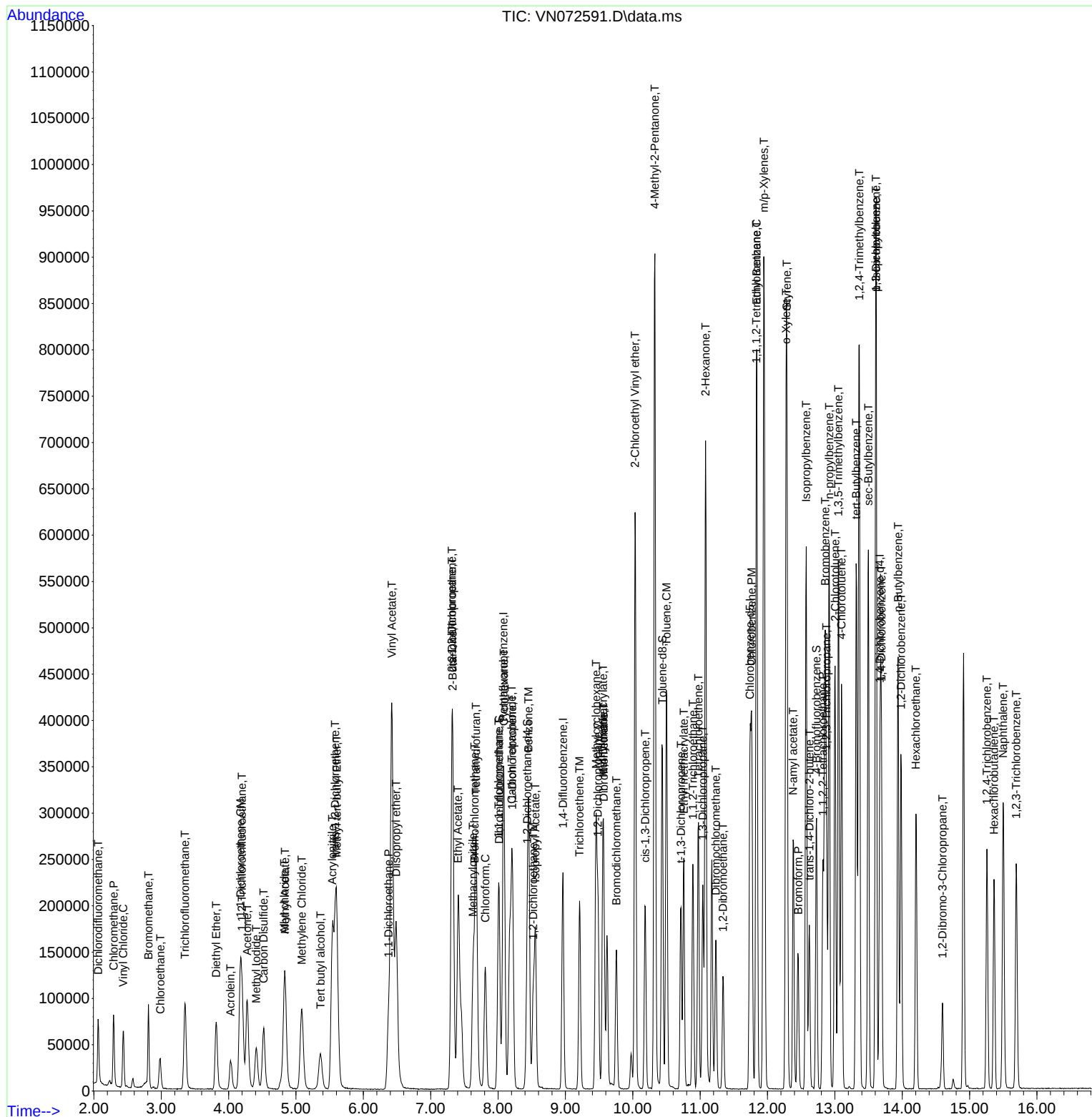
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
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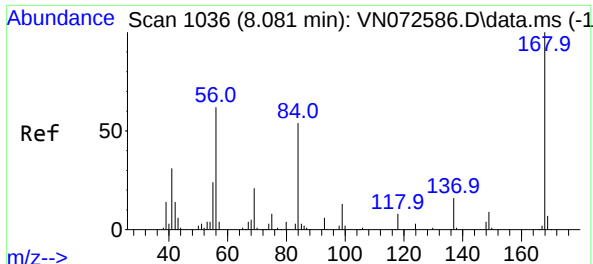
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

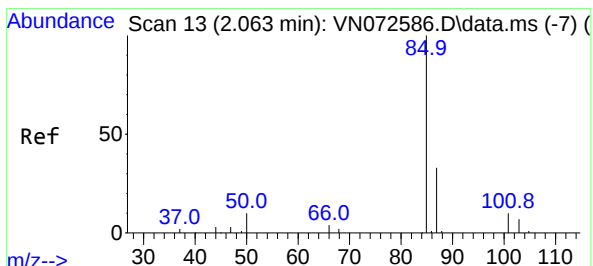
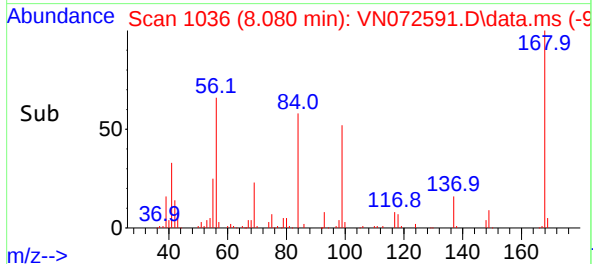
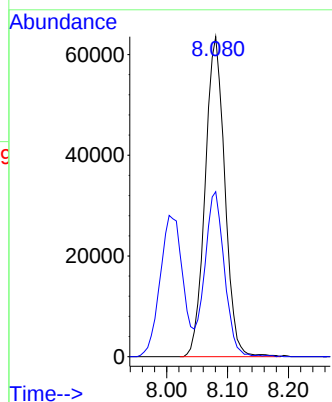
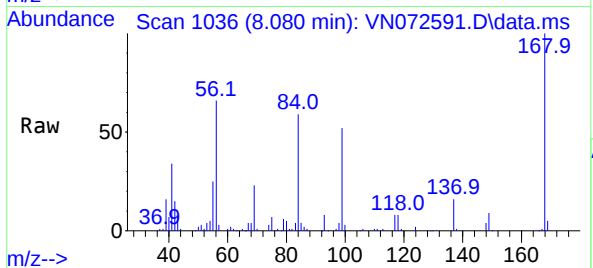
VSTDCCC050

Tgt Ion:168 Resp: 142158
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5

Manual Integrations

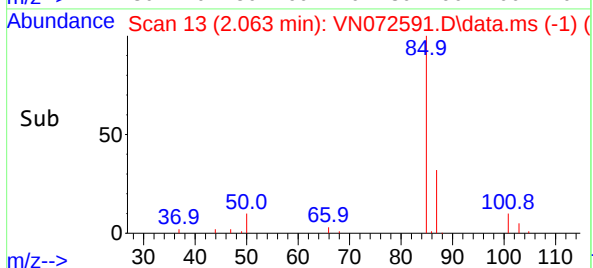
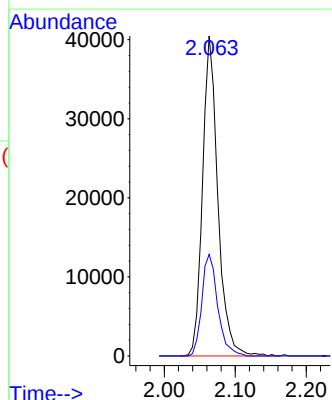
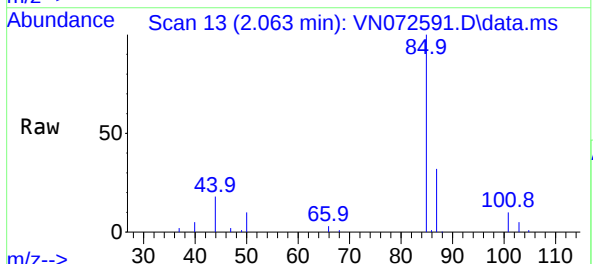
APPROVED

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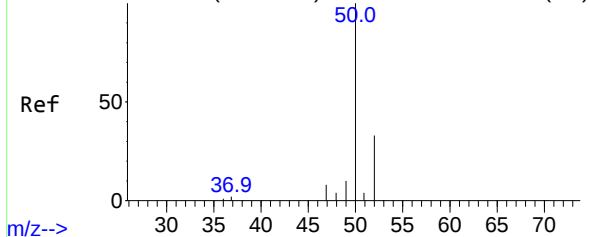


#2
Dichlorodifluoromethane
Concen: 45.430 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion: 85 Resp: 60848
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1



Abundance Scan 52 (2.293 min): VN072586.D\data.ms (-46)



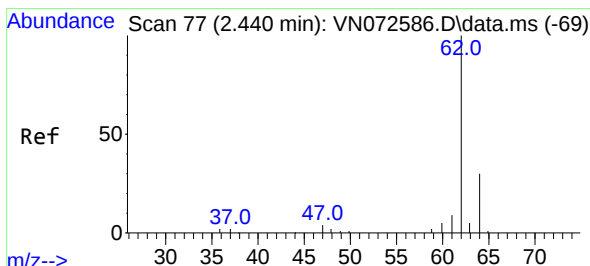
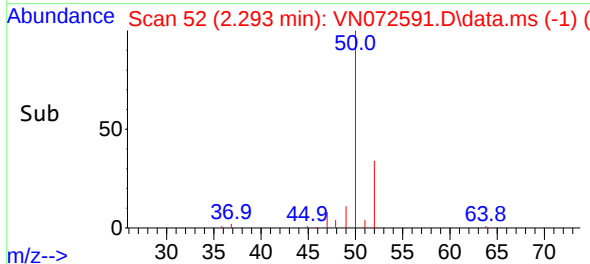
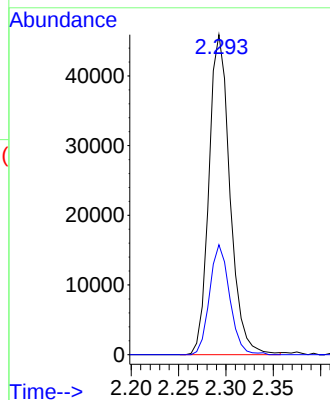
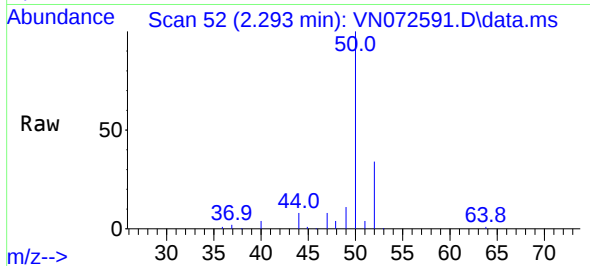
#3
Chloromethane
Concen: 46.343 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
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Tgt Ion: 50 Resp: 7088
Ion Ratio Lower Upper
50 100
52 34.3 25.7 38.5

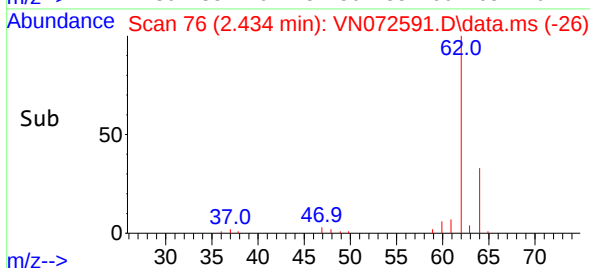
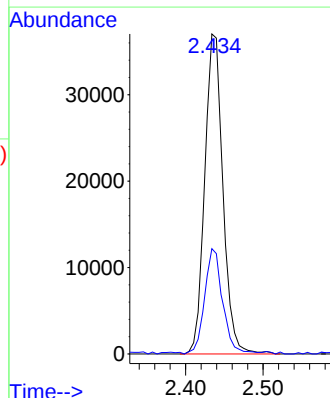
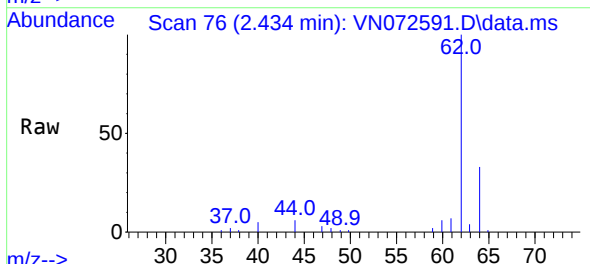
Manual Integrations
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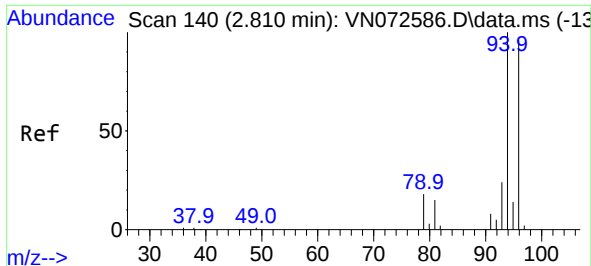
Reviewed By :John Carlone 05/25/2022
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#4
Vinyl Chloride
Concen: 45.581 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

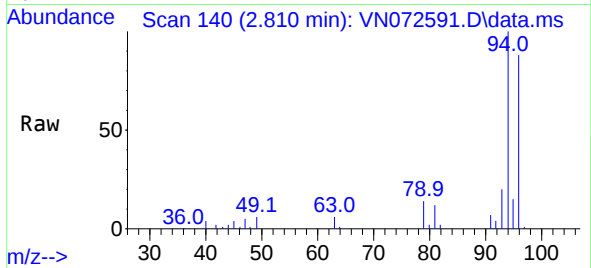
Tgt Ion: 62 Resp: 60324
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4





#5
Bromomethane
Concen: 50.905 ug/l
RT: 2.810 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

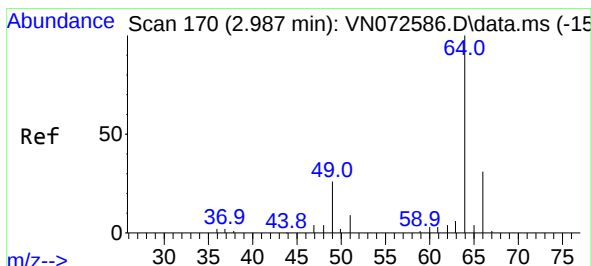
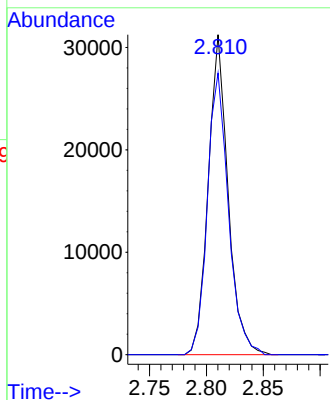
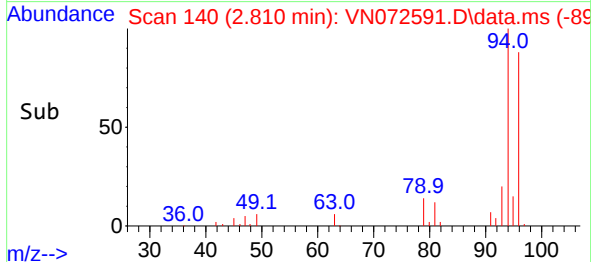
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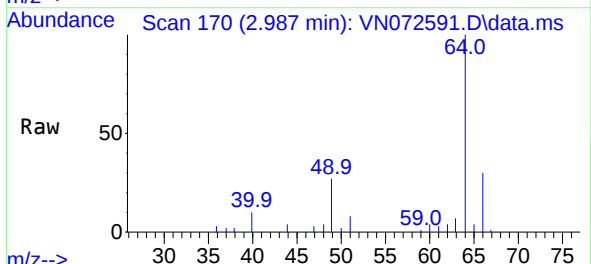
Tgt Ion: 94 Resp: 37872
Ion Ratio Lower Upper
94 100
96 88.0 76.0 114.0

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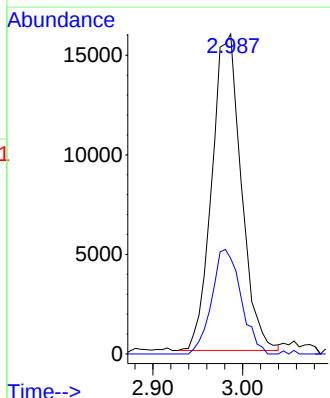
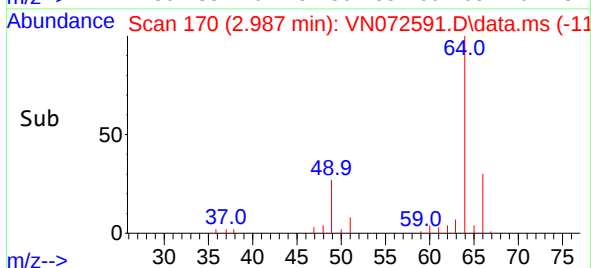
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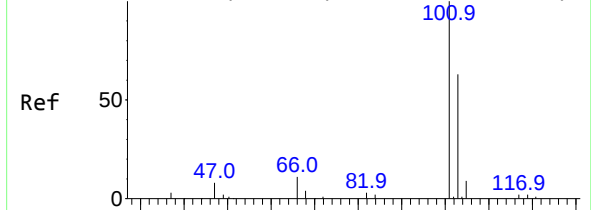
#6
Chloroethane
Concen: 45.543 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 64 Resp: 36166
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.4

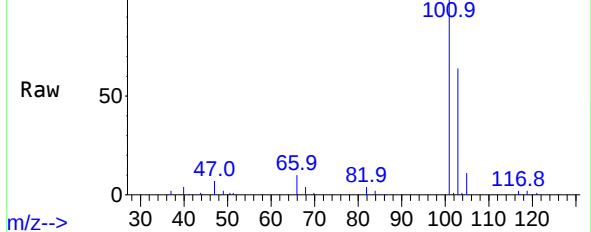


Abundance Scan 233 (3.357 min): VN072586.D\data.ms (-22



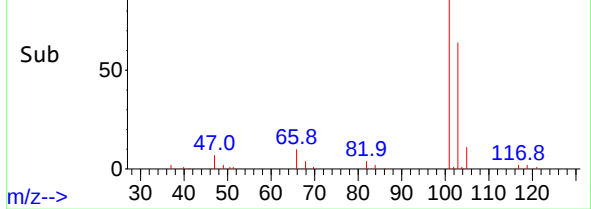
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Abundance Scan 232 (3.351 min): VN072591.D\data.ms



m/z-->

Abundance Scan 232 (3.351 min): VN072591.D\data.ms (-18



m/z-->

#7

Trichlorofluoromethane

Concen: 47.735 ug/l

RT: 3.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Tgt Ion:101 Resp: 10687

Ion Ratio Lower Upper

101 100

103 64.2 51.5 77.3

Instrument :

MSVOA_N

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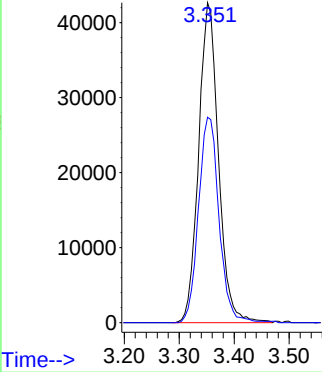
Manual Integrations

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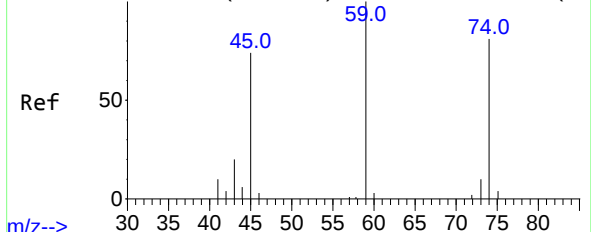
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Abundance

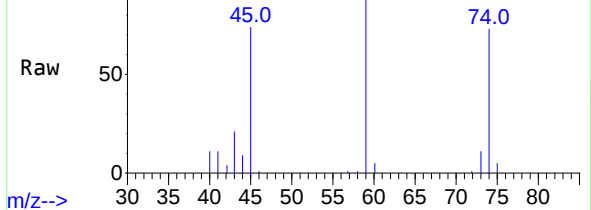


Abundance Scan 312 (3.822 min): VN072586.D\data.ms (-30



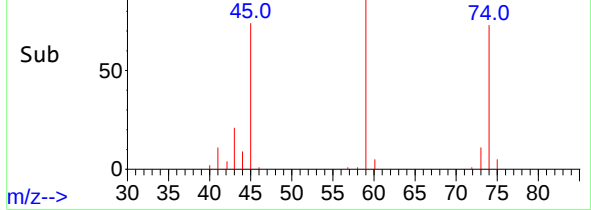
m/z-->

Abundance Scan 311 (3.816 min): VN072591.D\data.ms



m/z-->

Abundance Scan 311 (3.816 min): VN072591.D\data.ms (-26



m/z-->

#8

Diethyl Ether

Concen: 48.393 ug/l

RT: 3.816 min Scan# 311

Delta R.T. -0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

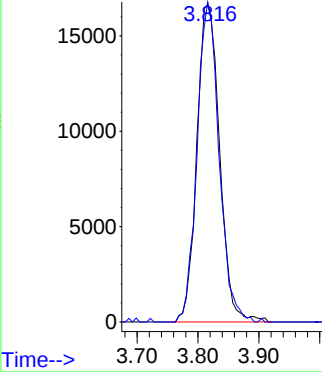
Tgt Ion: 74 Resp: 43287

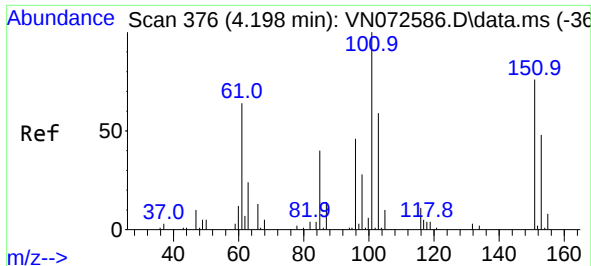
Ion Ratio Lower Upper

74 100

45 97.4 42.9 128.5

Abundance





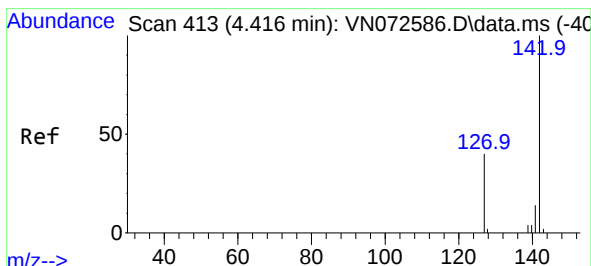
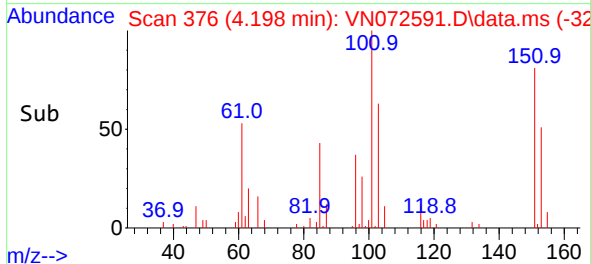
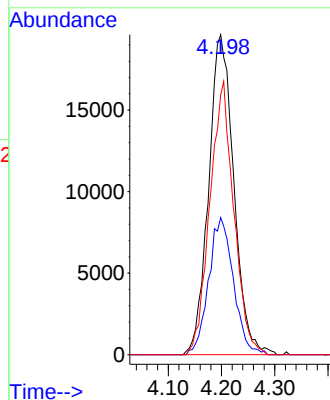
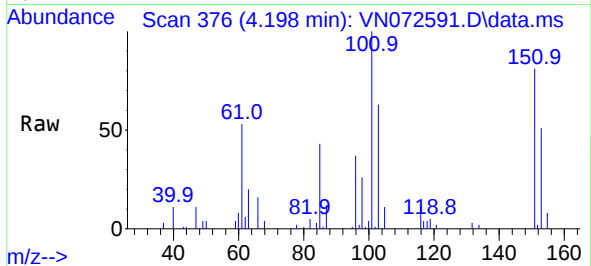
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.627 ug/l
RT: 4.198 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6444
Ion Ratio Lower Upper
101 100
85 42.1 34.7 52.1
151 81.1 63.0 94.4

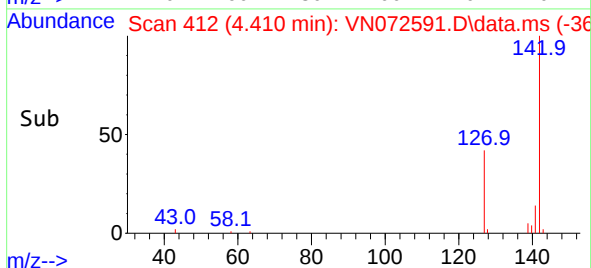
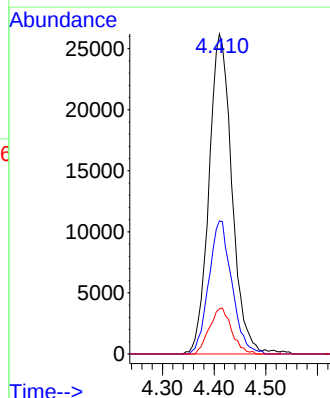
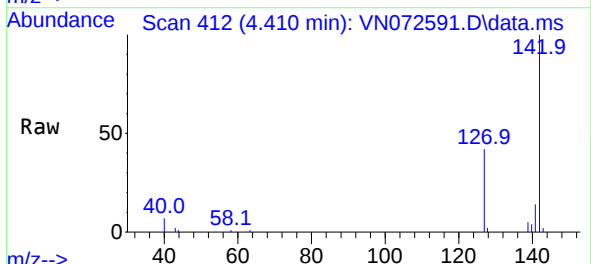
Manual Integrations
APPROVED

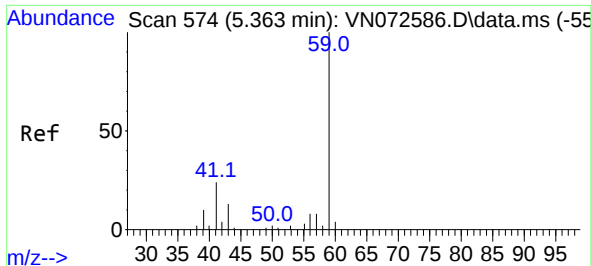
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#10
Methyl Iodide
Concen: 50.756 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

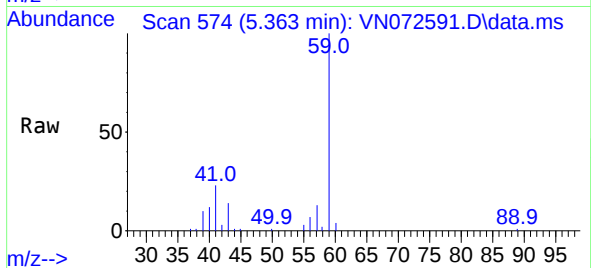
Tgt Ion:142 Resp: 80828
Ion Ratio Lower Upper
142 100
127 41.8 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 244.947 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

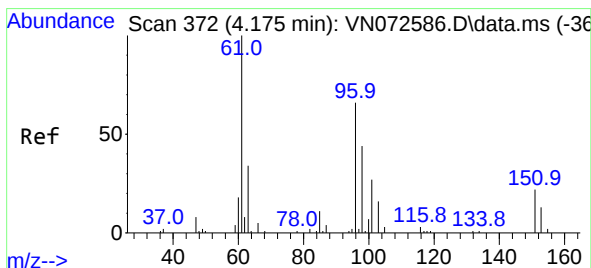
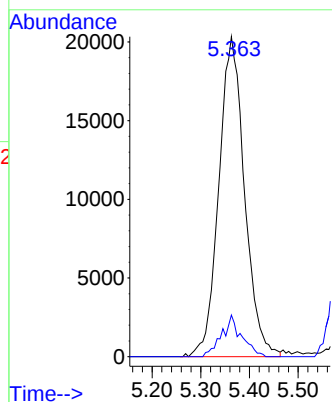
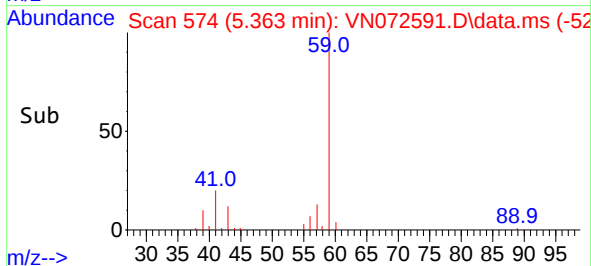
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



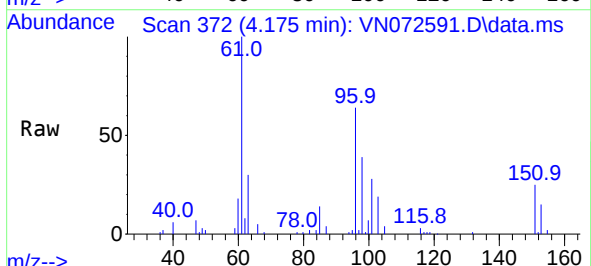
Tgt Ion: 59 Resp: 7458
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

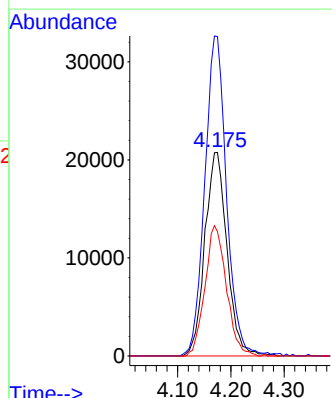
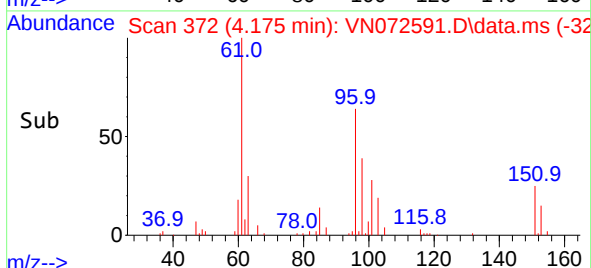
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

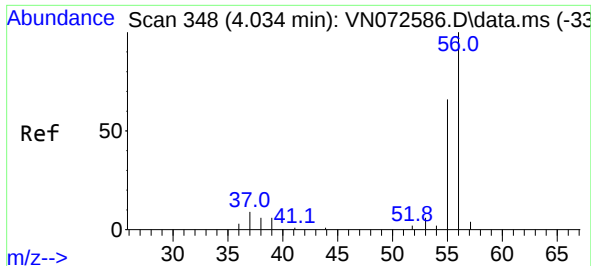


#12
1,1-Dichloroethene
Concen: 47.982 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



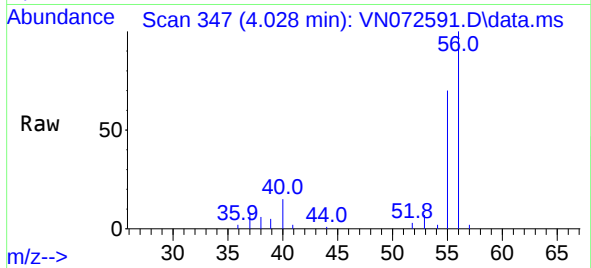
Tgt Ion: 96 Resp: 60091
Ion Ratio Lower Upper
96 100
61 156.8 127.6 191.4
98 61.1 51.2 76.8





#13
Acrolein
Concen: 221.814 ug/l
RT: 4.028 min Scan# 347
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

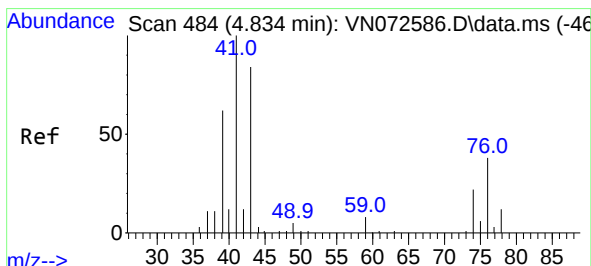
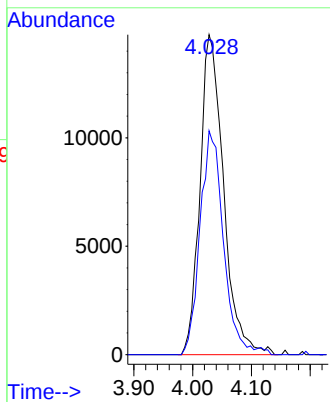
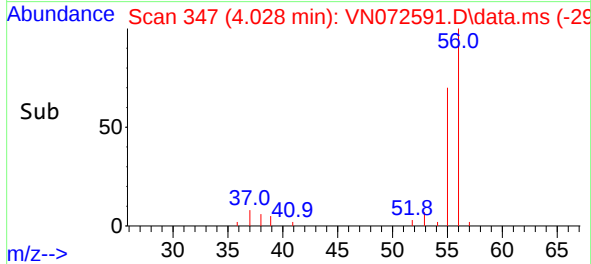
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



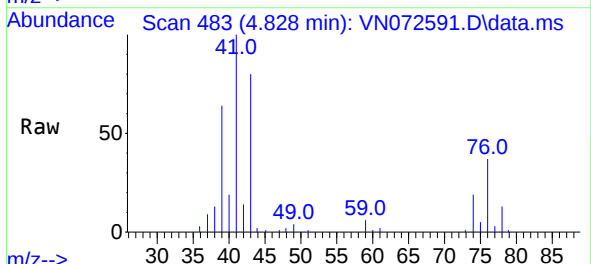
Tgt Ion: 56 Resp: 41209
Ion Ratio Lower Upper
56 100
55 69.0 54.8 82.2

Manual Integrations
APPROVED

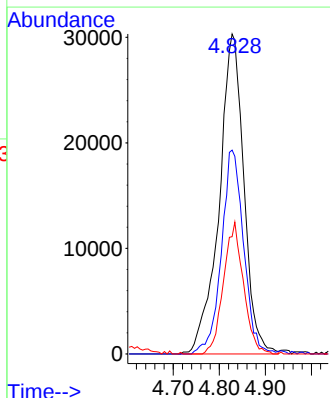
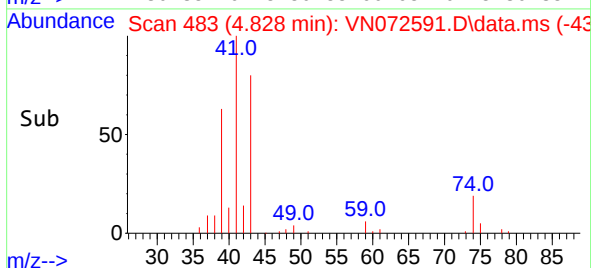
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

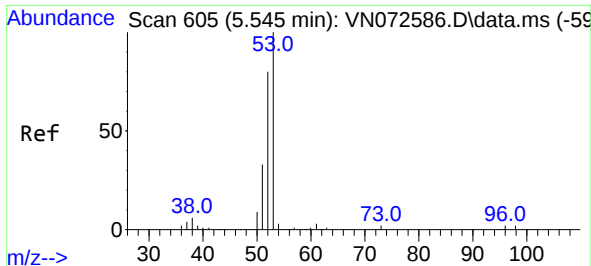


#14
Allyl chloride
Concen: 48.419 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



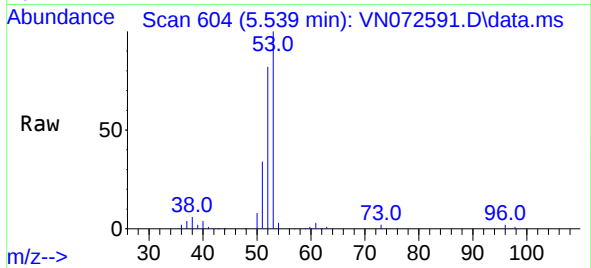
Tgt Ion: 41 Resp: 112896
Ion Ratio Lower Upper
41 100
39 57.2 53.2 79.8
76 33.2 29.9 44.9





#15
Acrylonitrile
Concen: 236.852 ug/l
RT: 5.539 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

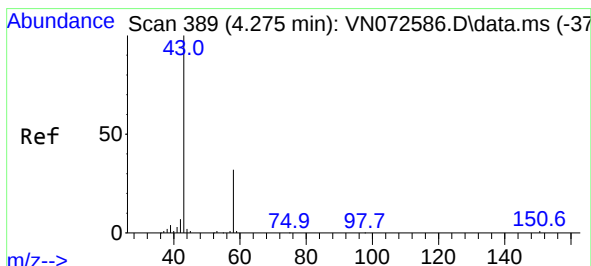
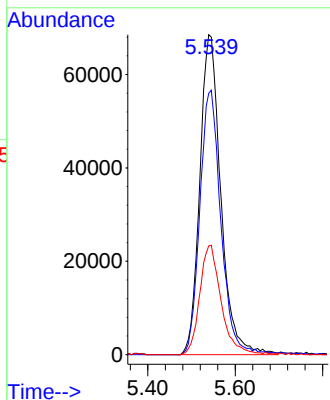
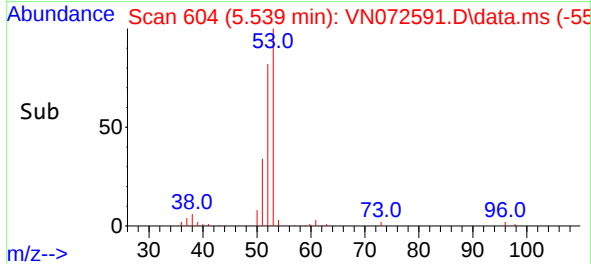
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



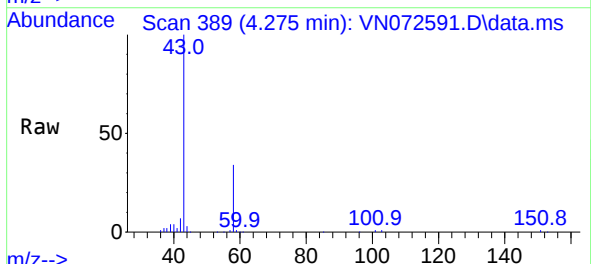
Tgt Ion: 53 Resp: 229340
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 34.7 28.5 42.7

Manual Integrations
APPROVED

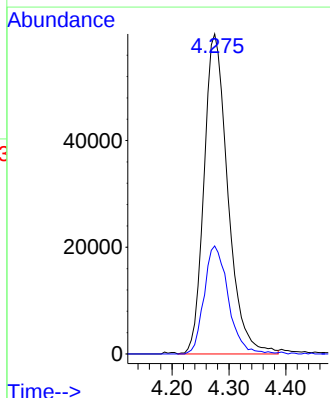
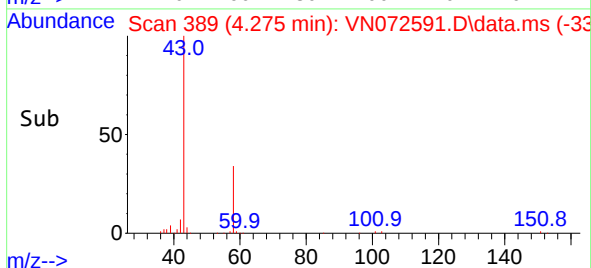
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

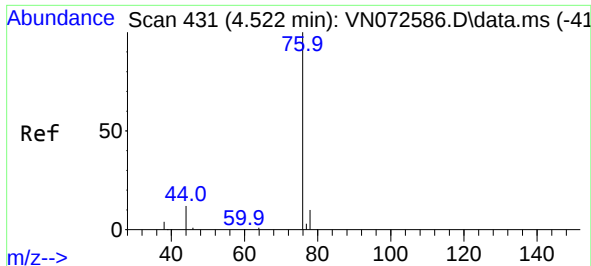


#16
Acetone
Concen: 219.927 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



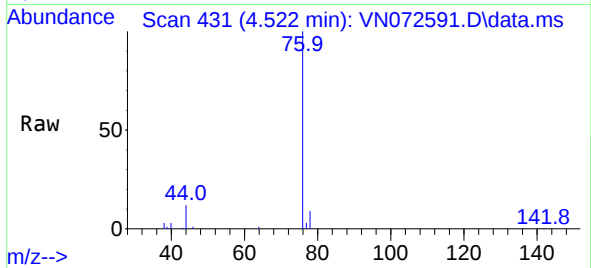
Tgt Ion: 43 Resp: 174805
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0





#17
Carbon Disulfide
Concen: 47.611 ug/l
RT: 4.522 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

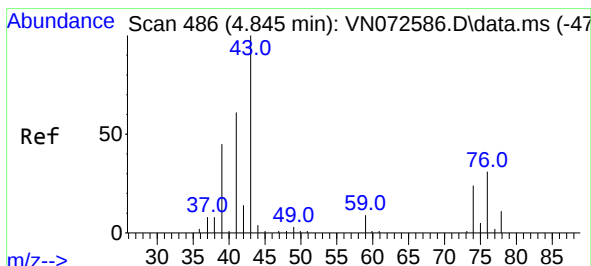
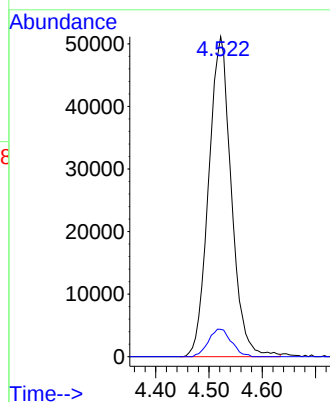
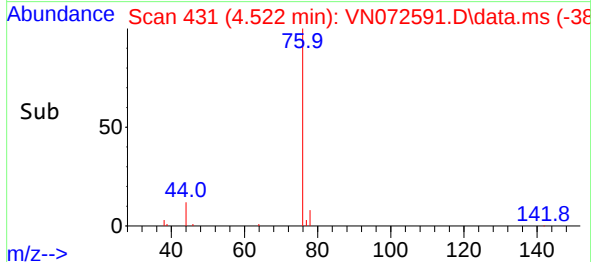
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



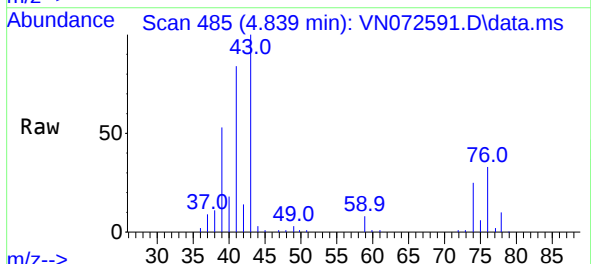
Tgt Ion: 76 Resp: 15111
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

Manual Integrations
APPROVED

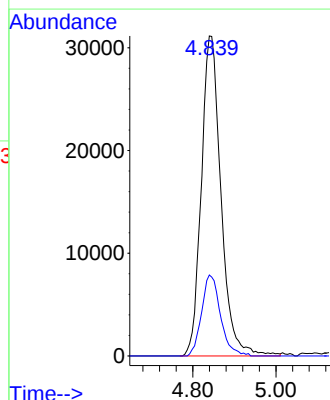
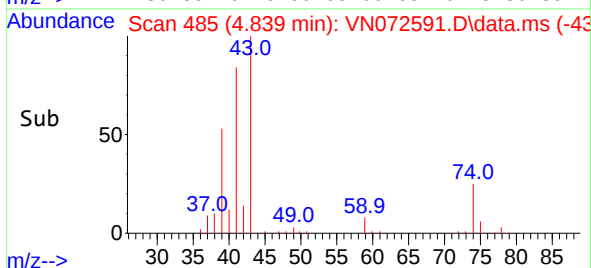
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

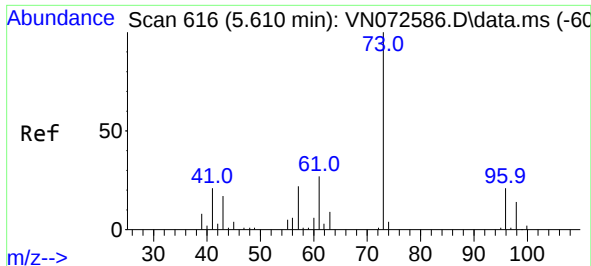


#18
Methyl Acetate
Concen: 47.411 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



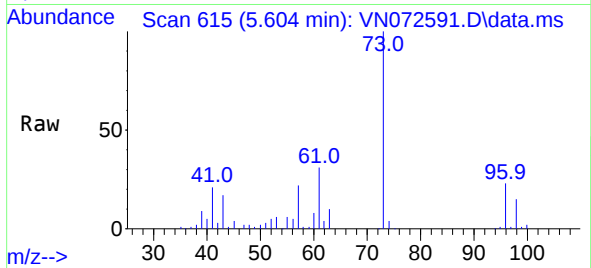
Tgt Ion: 43 Resp: 102639
Ion Ratio Lower Upper
43 100
74 24.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 50.031 ug/l
RT: 5.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

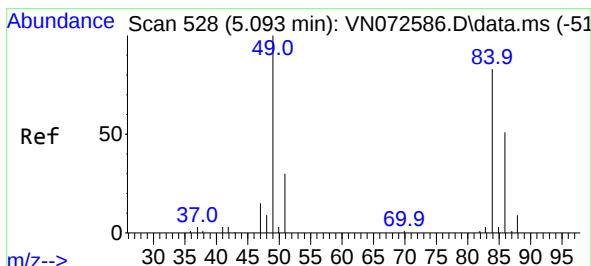
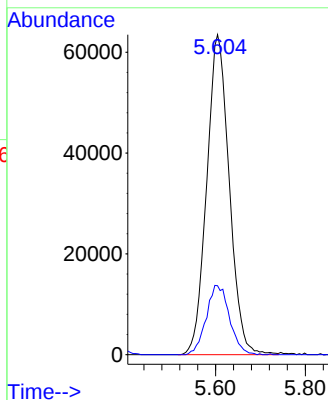
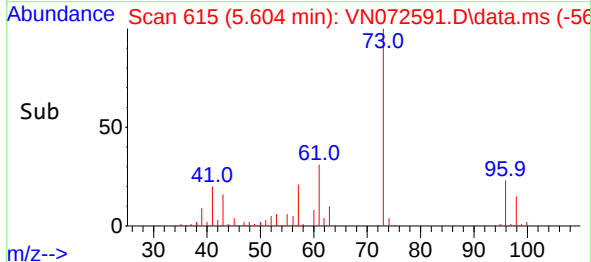
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22171
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

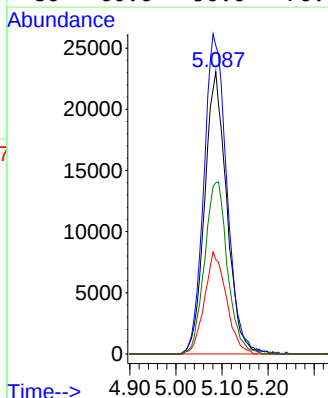
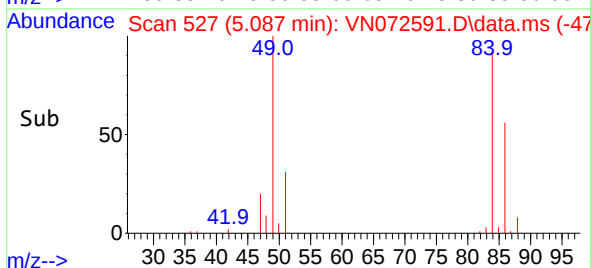
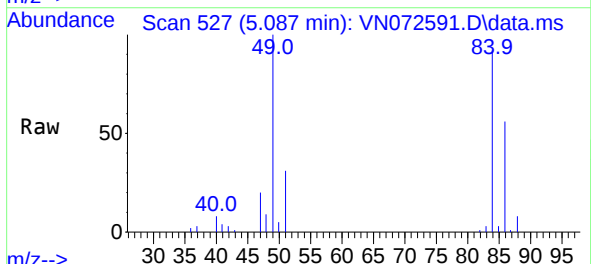
Manual Integrations
APPROVED

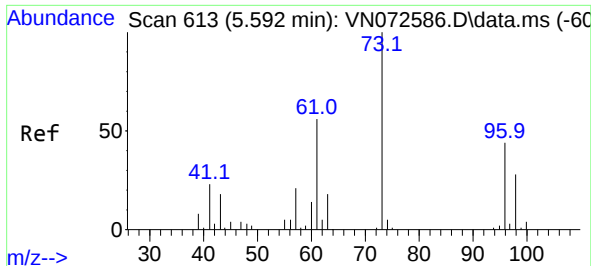
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#20
Methylene Chloride
Concen: 48.314 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

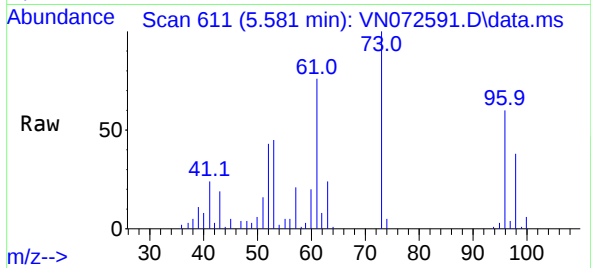
Tgt Ion: 84 Resp: 76916
Ion Ratio Lower Upper
84 100
49 109.3 88.3 132.5
51 33.5 28.2 42.2
86 60.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.342 ug/l
RT: 5.581 min Scan# 611
Delta R.T. -0.011 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

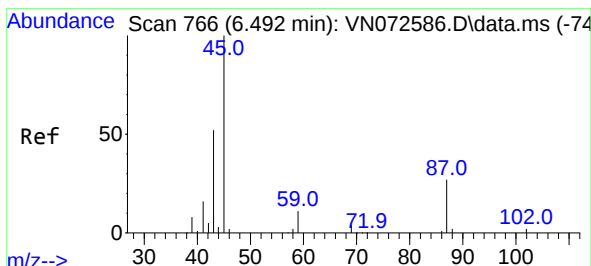
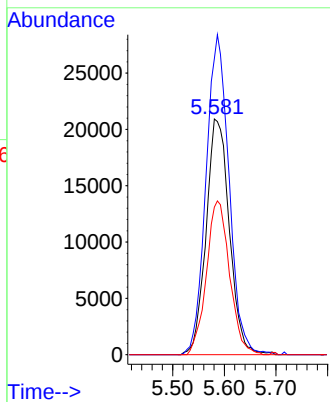
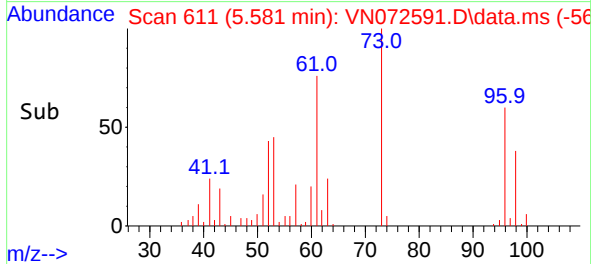
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



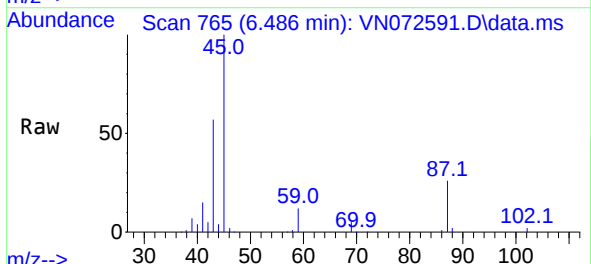
Tgt Ion: 96 Resp: 65514
Ion Ratio Lower Upper
96 100
61 125.6 105.8 158.8
98 62.6 50.3 75.5

Manual Integrations
APPROVED

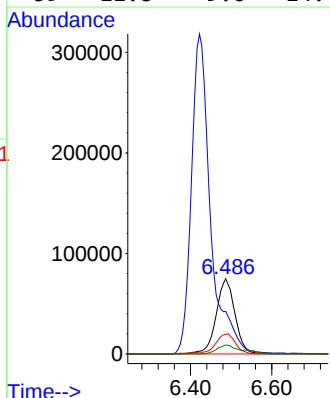
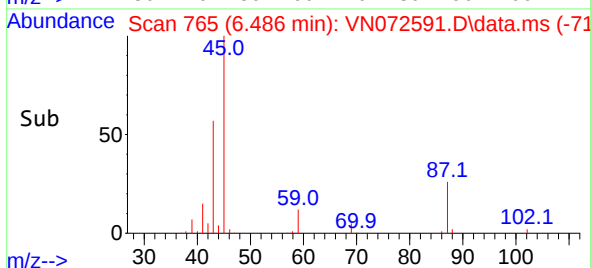
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

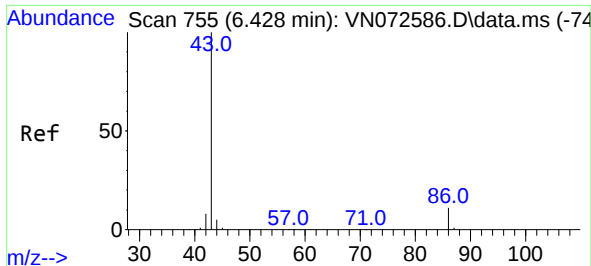


#22
Diisopropyl ether
Concen: 48.543 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



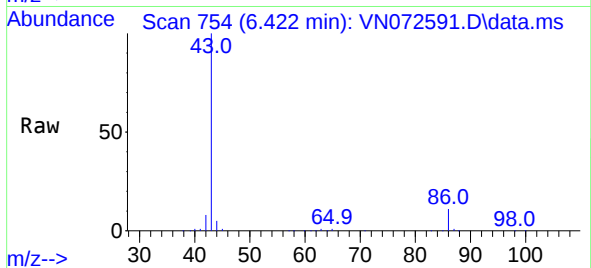
Tgt Ion: 45 Resp: 240505
Ion Ratio Lower Upper
45 100
43 55.3 46.6 70.0
87 26.1 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 247.542 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072591.D
 Acq: 24 May 2022 16:43

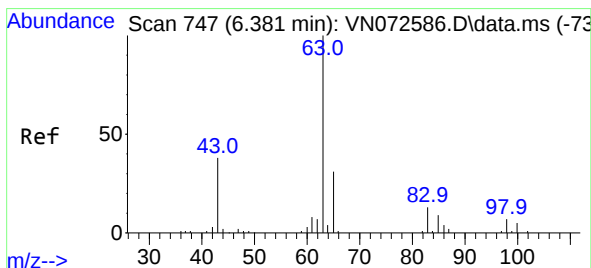
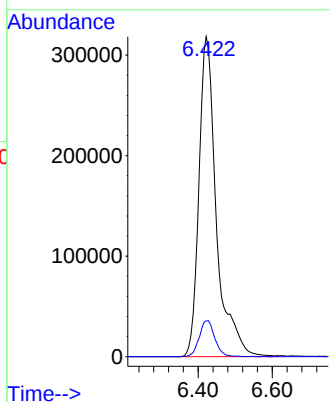
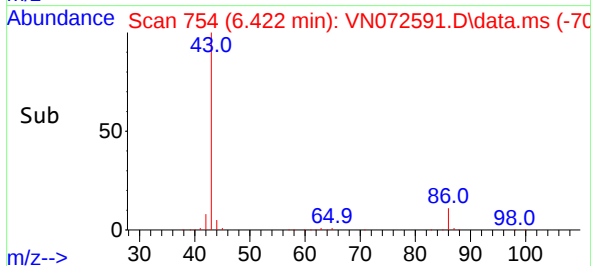
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



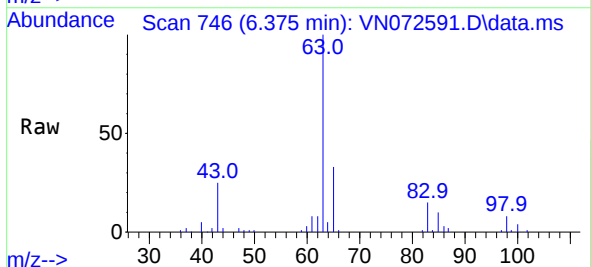
Tgt Ion: 43 Resp: 104160
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0

Manual Integrations
 APPROVED

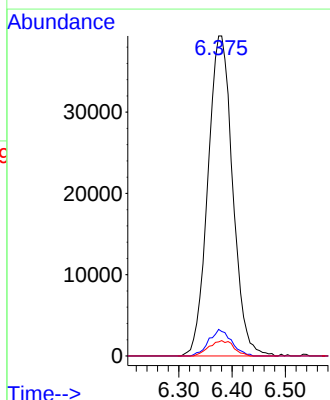
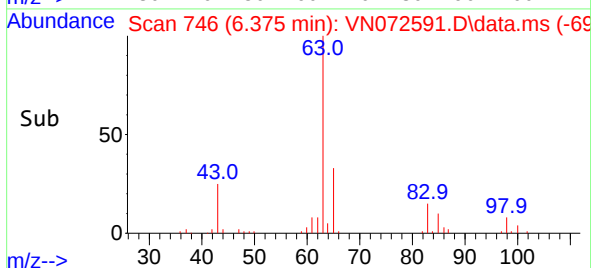
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

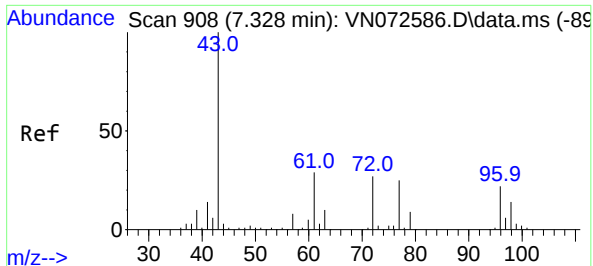


#24
 1,1-Dichloroethane
 Concen: 47.557 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN072591.D
 Acq: 24 May 2022 16:43



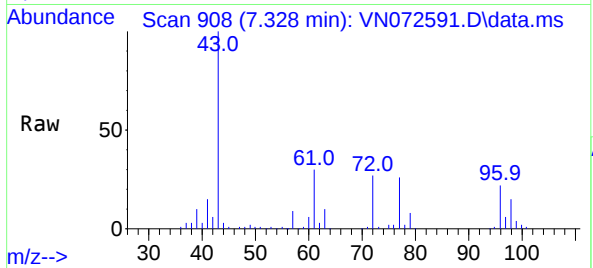
Tgt Ion: 63 Resp: 127082
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 226.962 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

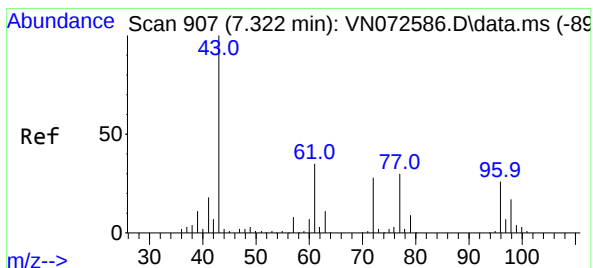
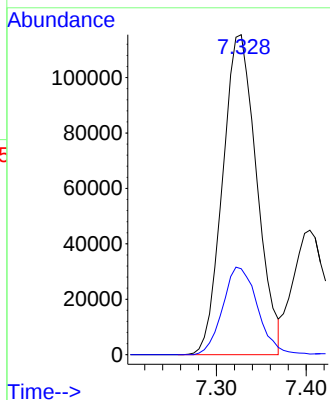
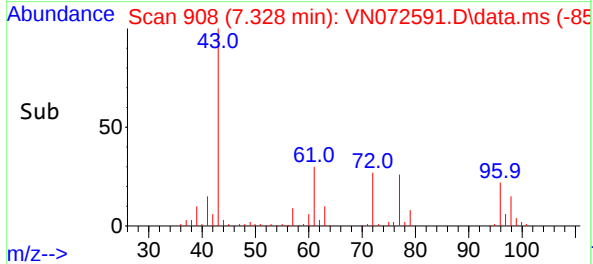
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



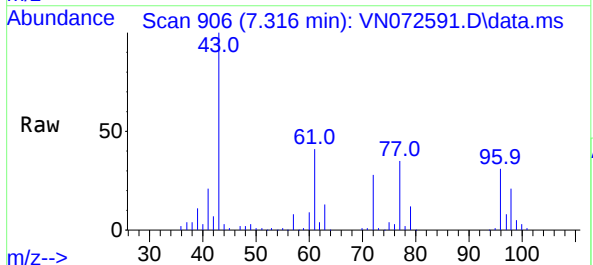
Tgt Ion: 43 Resp: 30439
Ion Ratio Lower Upper
43 100
72 26.9 23.7 35.5

Manual Integrations
APPROVED

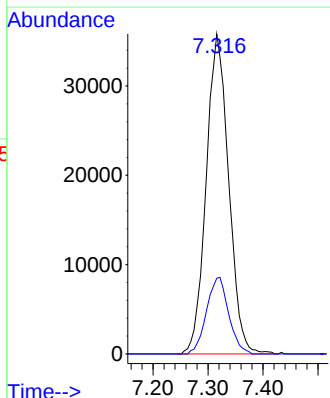
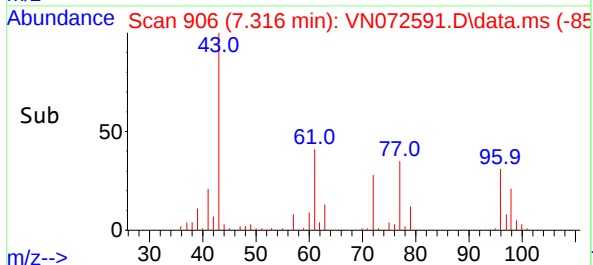
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

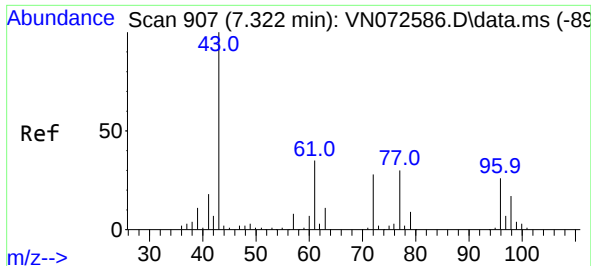


#26
2,2-Dichloropropane
Concen: 49.466 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 77 Resp: 101782
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.587 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8306

Ion Ratio Lower Upper

96 100

61 134.3 0.0 280.6

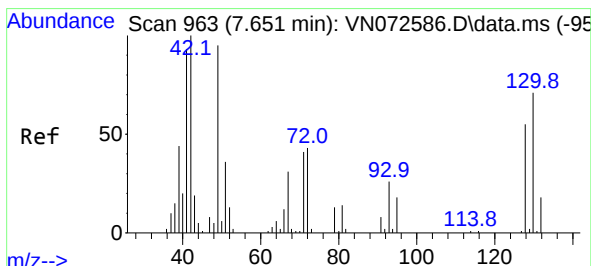
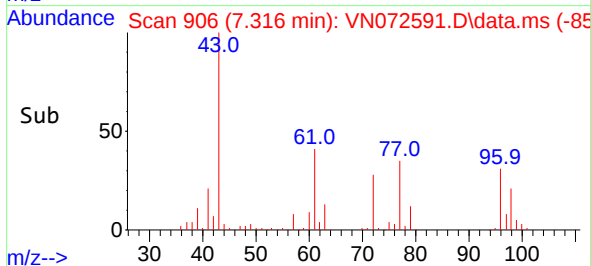
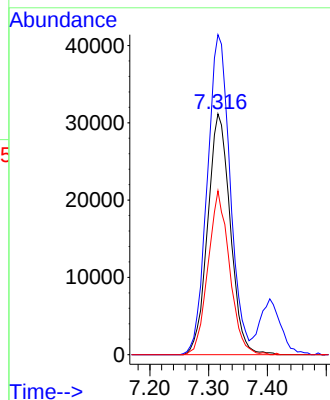
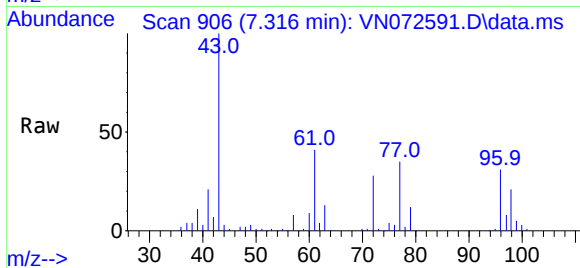
98 64.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#28

Bromochloromethane

Concen: 48.830 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.000 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

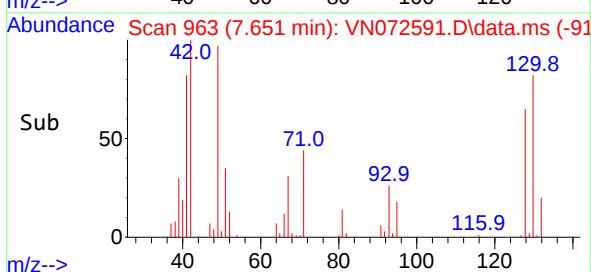
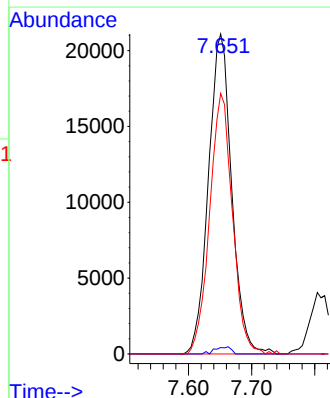
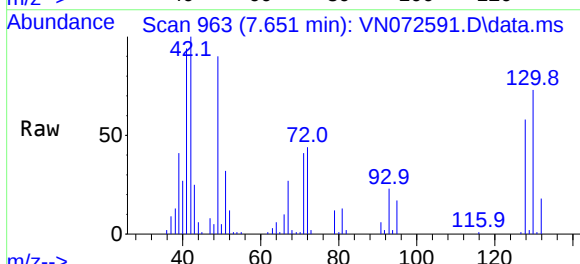
Tgt Ion: 49 Resp: 53831

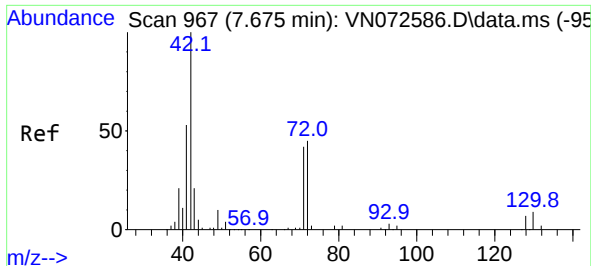
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 79.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 243.485 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20318

Ion Ratio Lower Upper

42 100

72 44.5 39.7 59.5

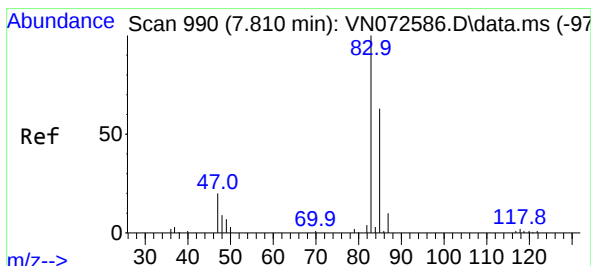
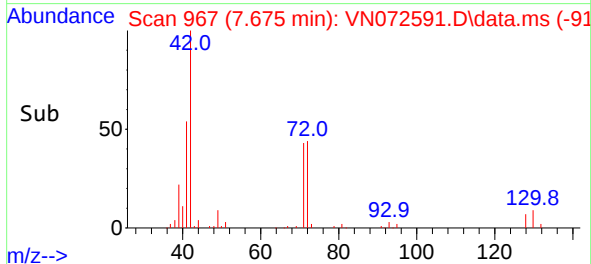
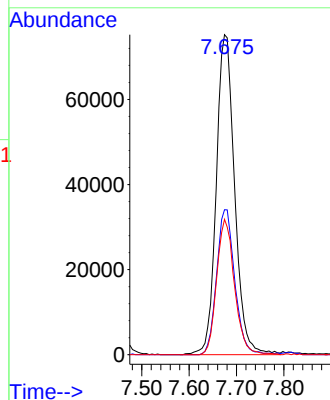
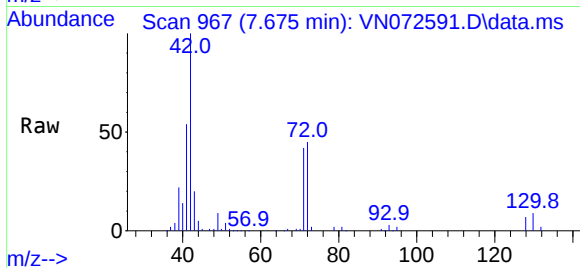
71 41.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 47.750 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072591.D

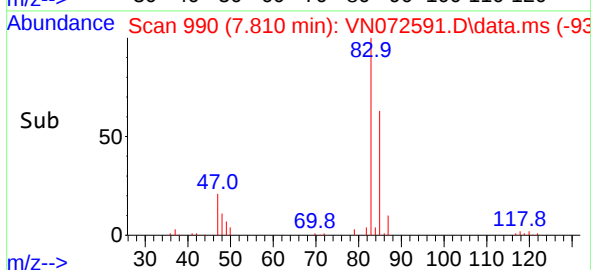
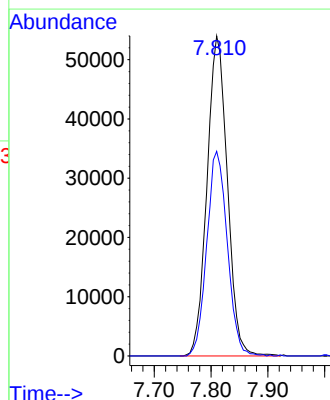
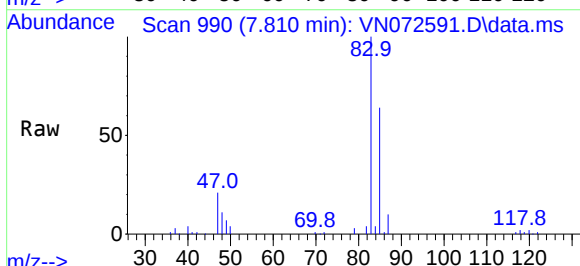
Acq: 24 May 2022 16:43

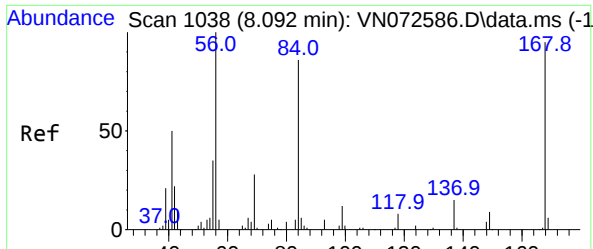
Tgt Ion: 83 Resp: 134133

Ion Ratio Lower Upper

83 100

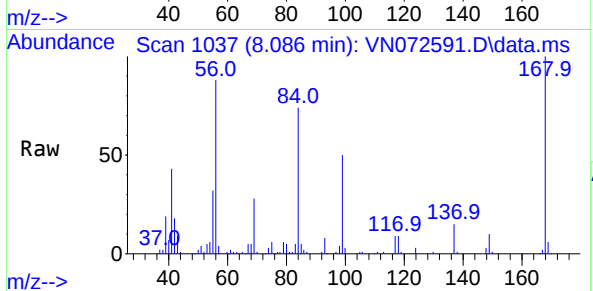
85 63.9 51.8 77.8





#31
Cyclohexane
Concen: 47.194 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

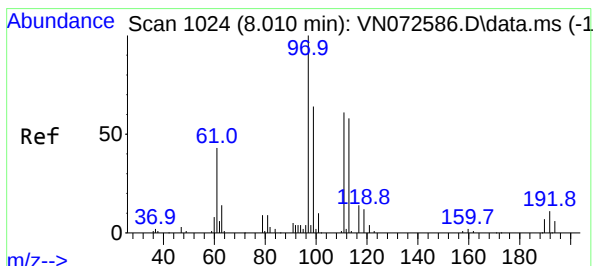
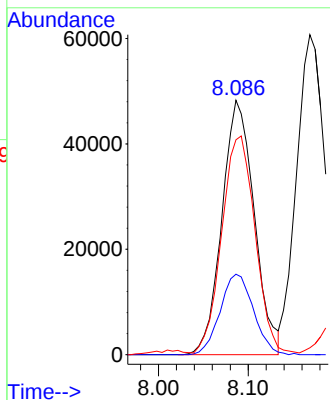
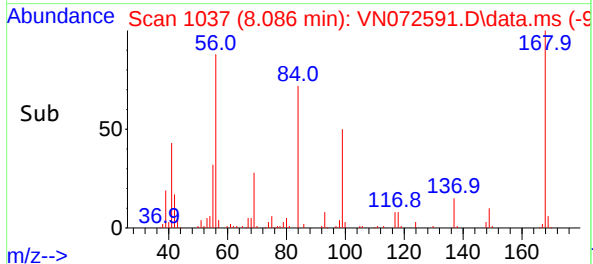
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



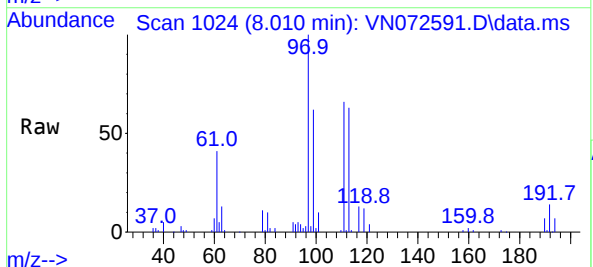
Tgt Ion: 56 Resp: 12088
Ion Ratio Lower Upper
56 100
69 31.6 27.8 41.8
84 82.7 76.9 115.3

Manual Integrations
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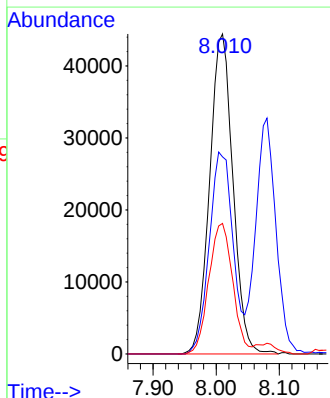
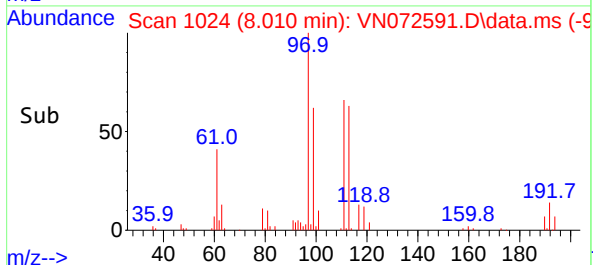
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

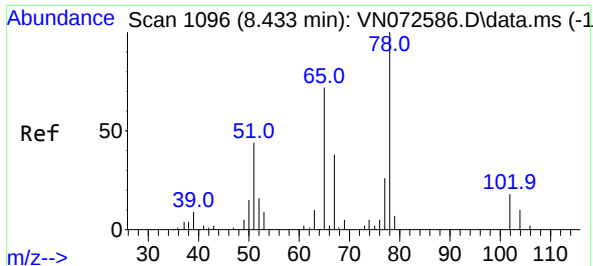


#32
1,1,1-Trichloroethane
Concen: 48.326 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 97 Resp: 113697
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 42.0 36.0 54.0





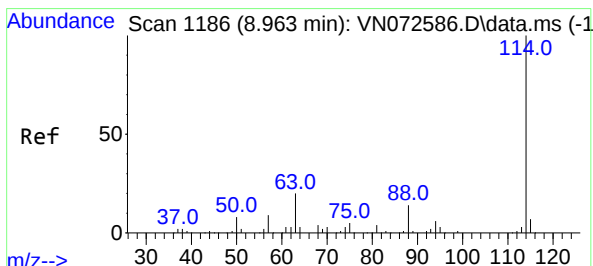
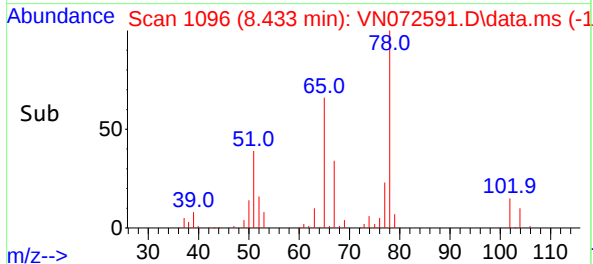
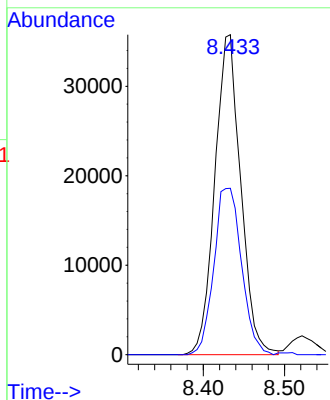
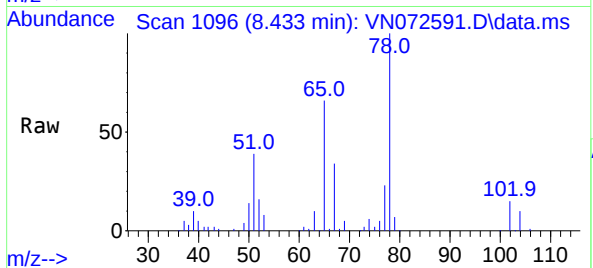
#33
1,2-Dichloroethane-d4
Concen: 48.957 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 7916
Ion Ratio Lower Upper
65 100
67 55.5 0.0 104.8

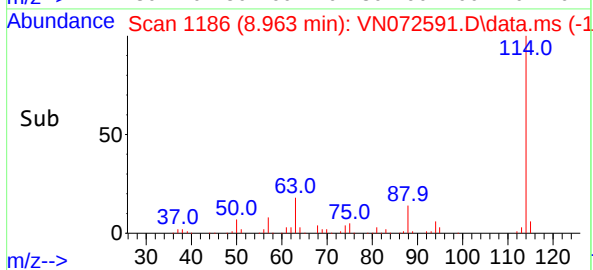
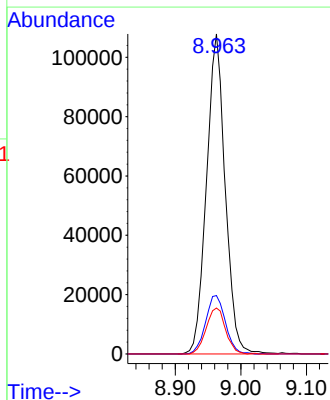
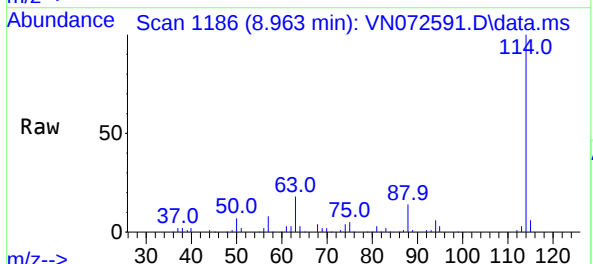
Manual Integrations
APPROVED

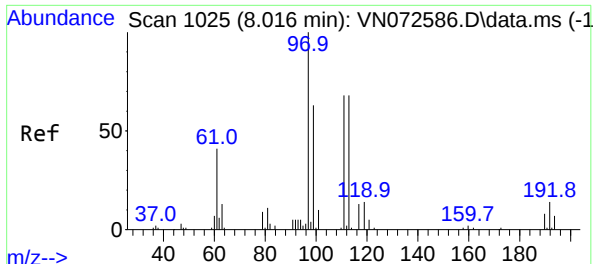
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion:114 Resp: 213698
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.0
88 14.4 0.0 32.6





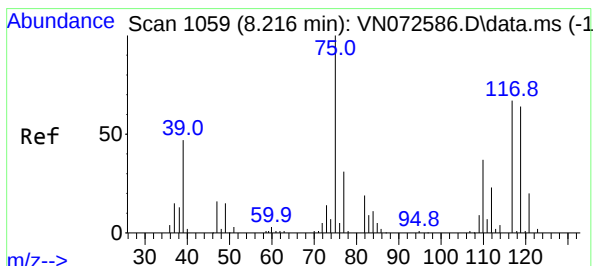
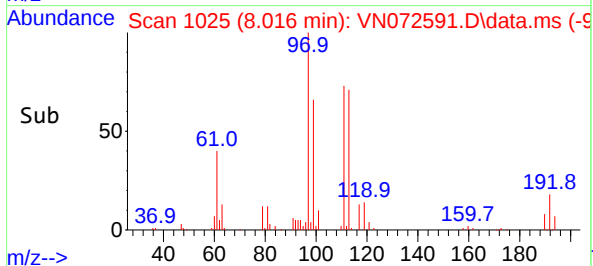
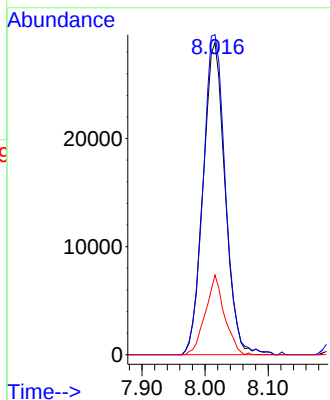
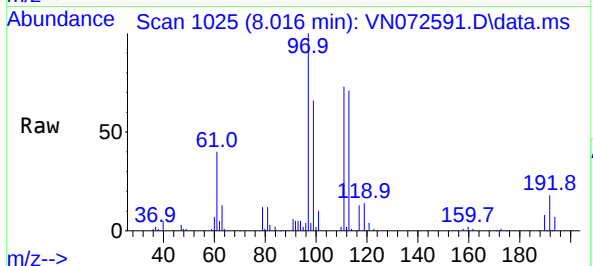
#35
Dibromofluoromethane
Concen: 50.408 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 6981
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 22.1 17.0 25.6

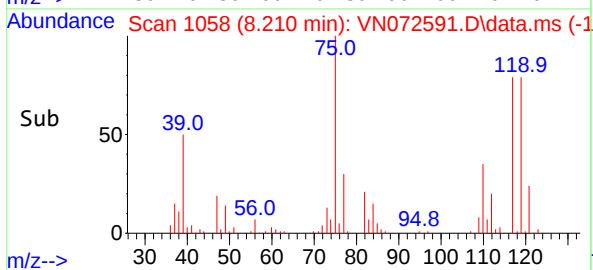
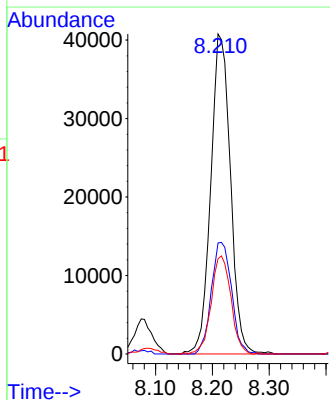
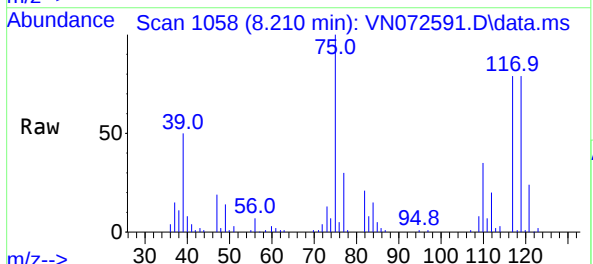
Manual Integrations
APPROVED

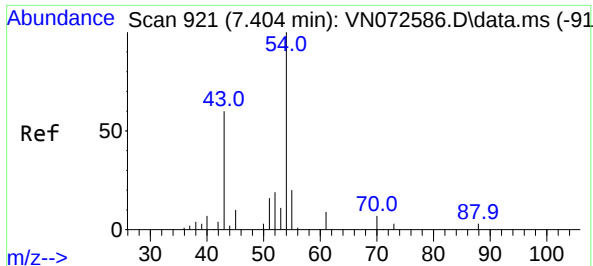
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#36
1,1-Dichloropropene
Concen: 50.029 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion: 75 Resp: 98034
Ion Ratio Lower Upper
75 100
110 35.9 18.3 54.8
77 30.7 25.1 37.7





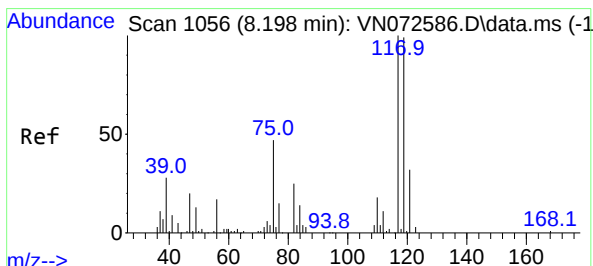
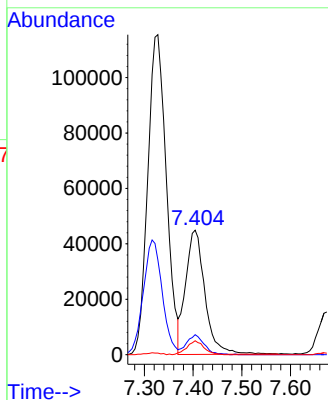
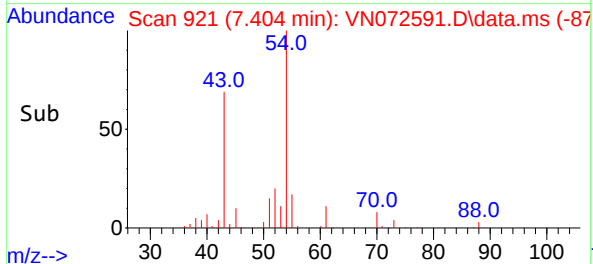
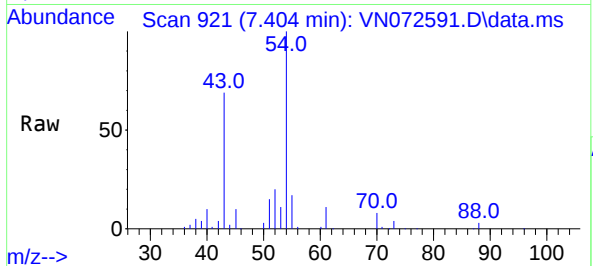
#37
Ethyl Acetate
Concen: 48.080 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 12315
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 9.9 9.3 13.9

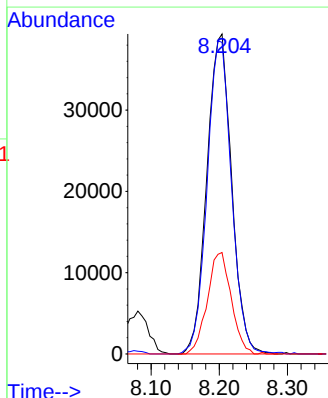
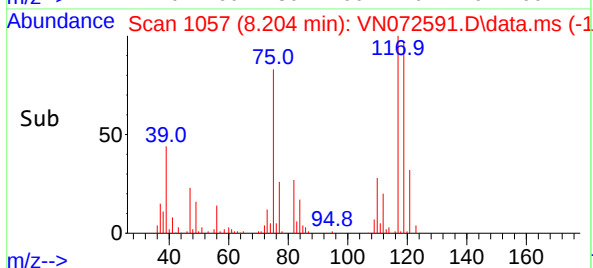
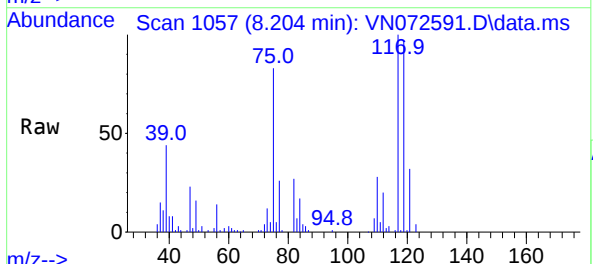
Manual Integrations
APPROVED

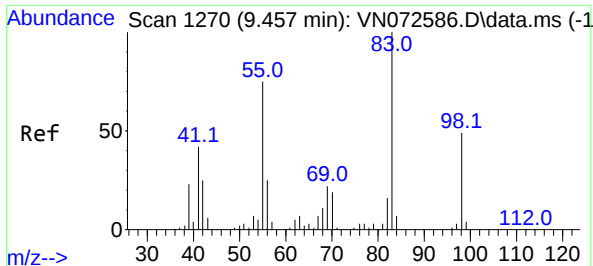
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#38
Carbon Tetrachloride
Concen: 48.025 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion:117 Resp: 99334
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 51.243 ug/l

RT: 9.457 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 123728

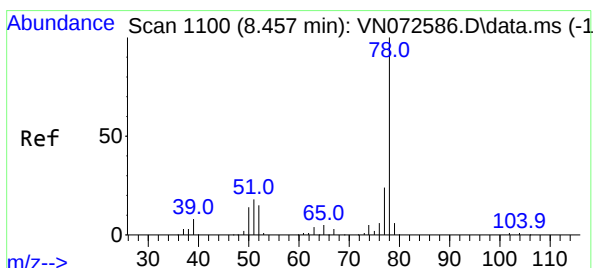
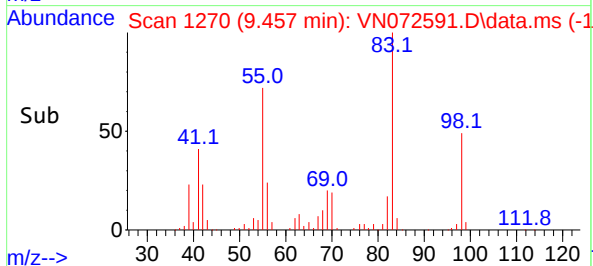
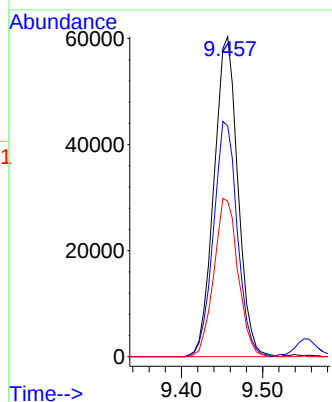
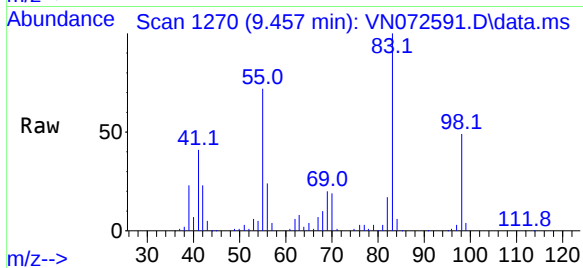
Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.8	86.8
98	48.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#40

Benzene

Concen: 48.253 ug/l

RT: 8.451 min Scan# 1099

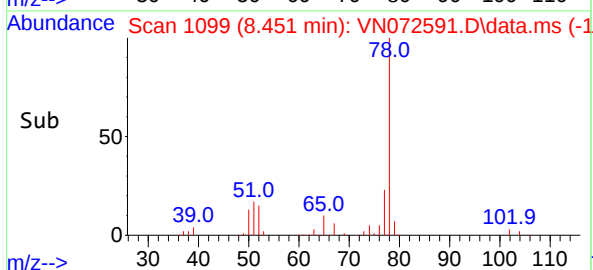
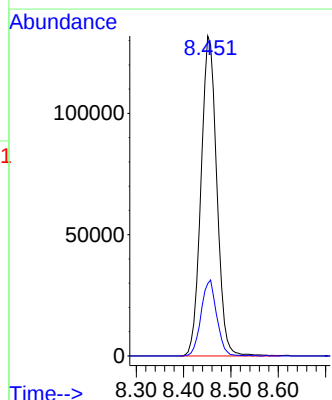
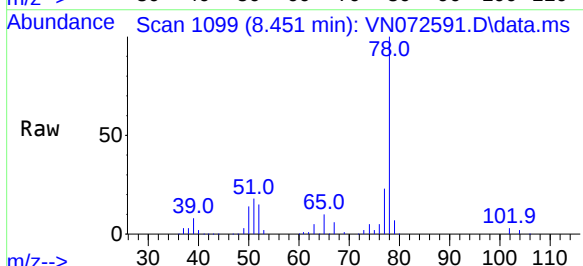
Delta R.T. -0.006 min

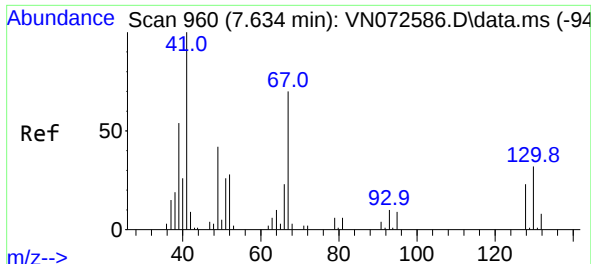
Lab File: VN072591.D

Acq: 24 May 2022 16:43

Tgt Ion: 78 Resp: 305106

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





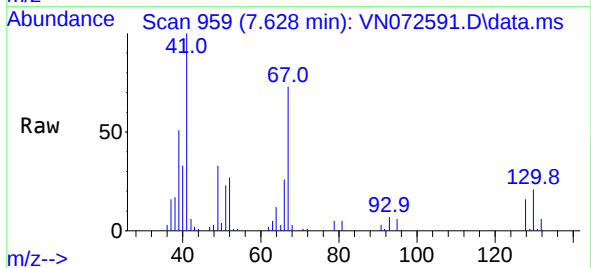
#41
Methacrylonitrile
Concen: 47.951 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

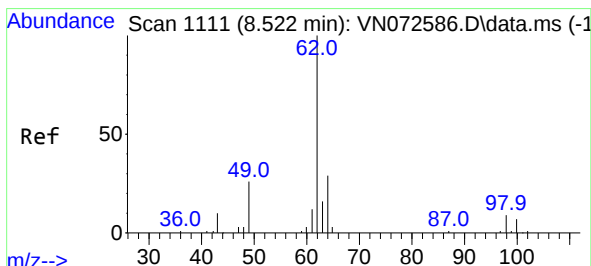
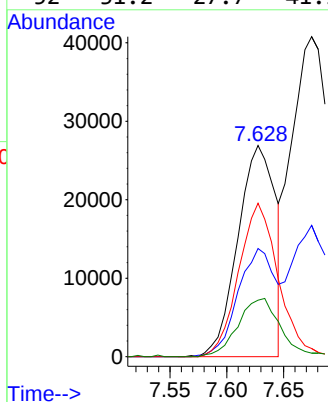
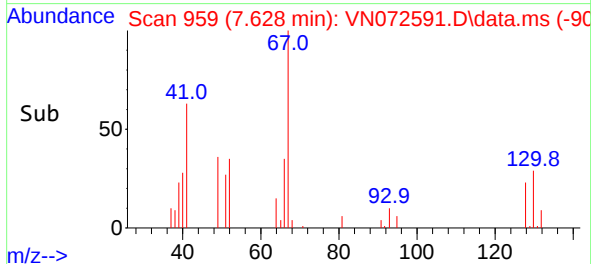


Tgt Ion: 41 Resp: 61800
Ion Ratio Lower Upper
41 100
39 50.4 48.6 73.0
67 77.4 73.4 110.2
52 31.2 27.7 41.5

Manual Integrations

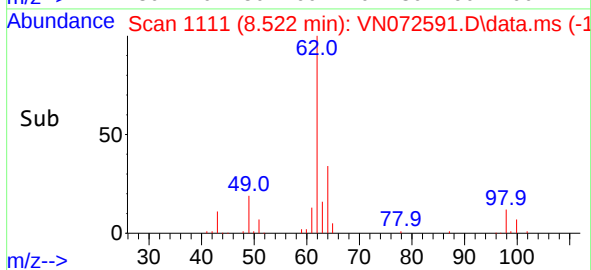
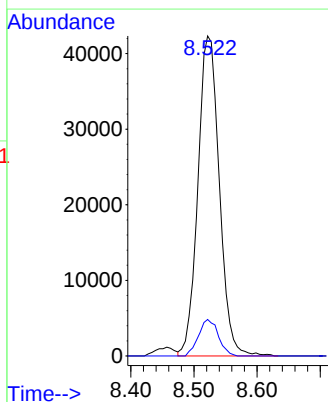
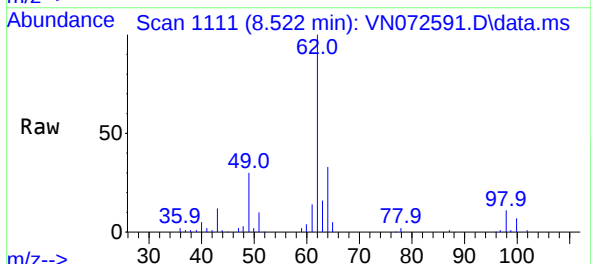
APPROVED

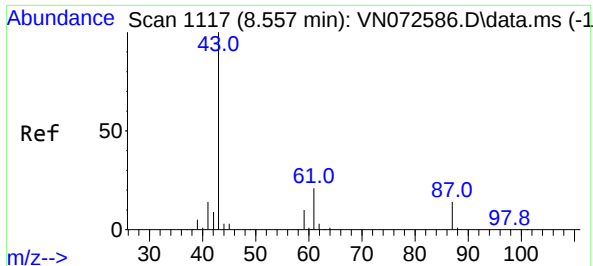
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#42
1,2-Dichloroethane
Concen: 48.642 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion: 62 Resp: 99649
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 49.567 ug/l

RT: 8.551 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 180039

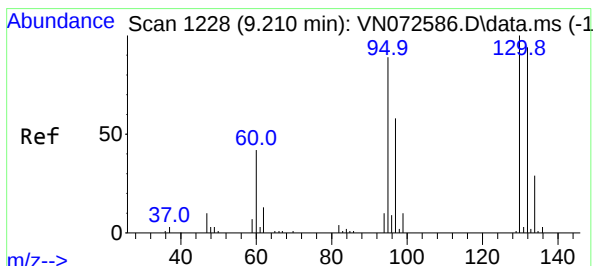
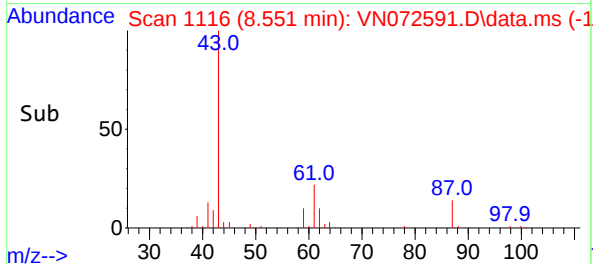
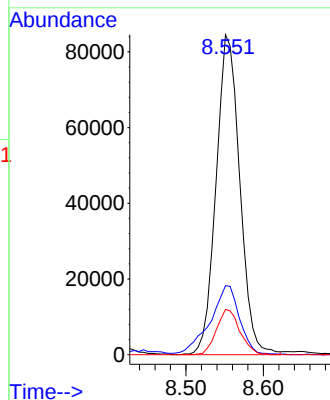
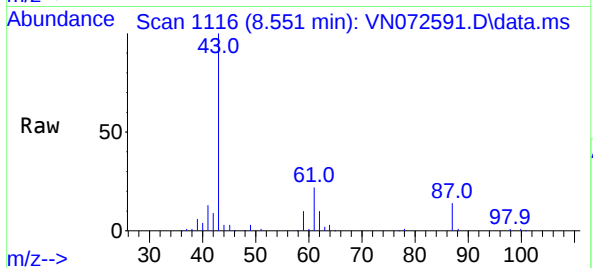
Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.9	32.9
87	13.9	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#44

Trichloroethene

Concen: 48.413 ug/l

RT: 9.210 min Scan# 1228

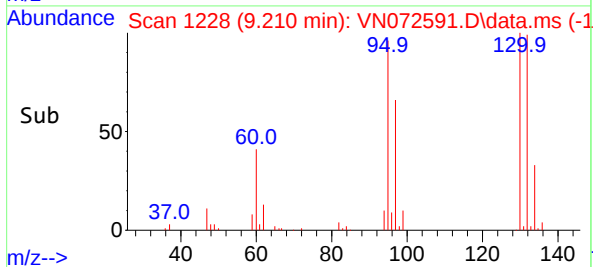
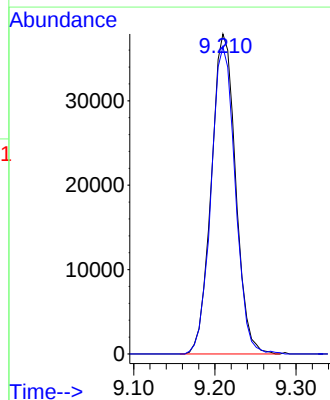
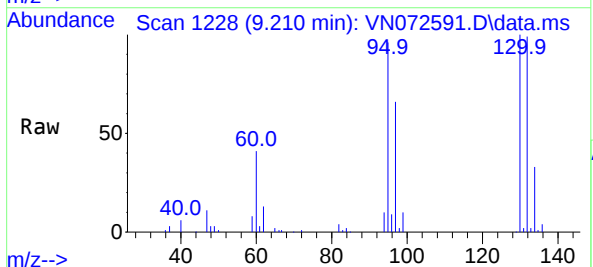
Delta R.T. -0.000 min

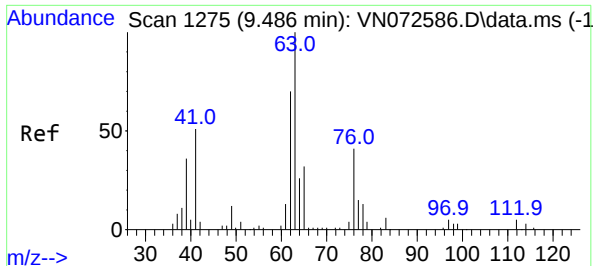
Lab File: VN072591.D

Acq: 24 May 2022 16:43

Tgt Ion:130 Resp: 78712

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 49.036 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8046

Ion Ratio Lower Upper

63 100

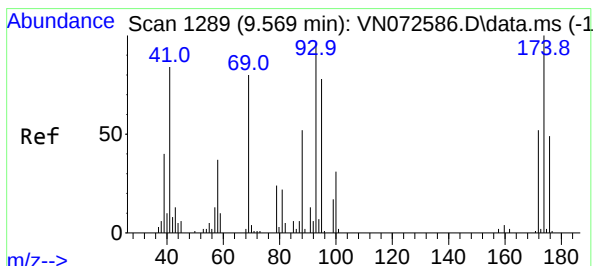
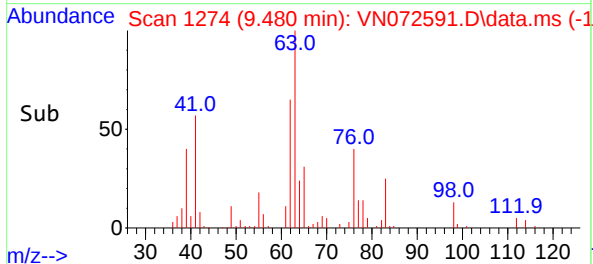
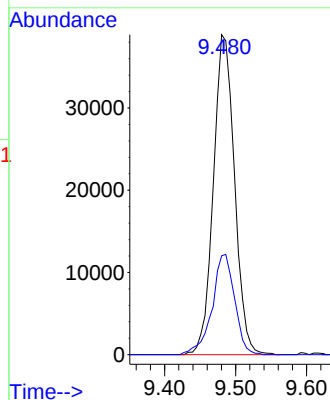
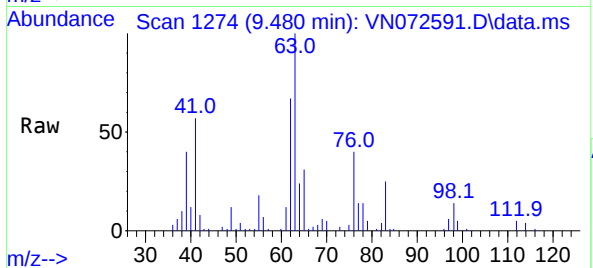
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 48.949 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

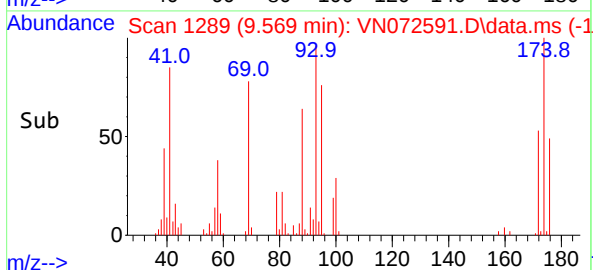
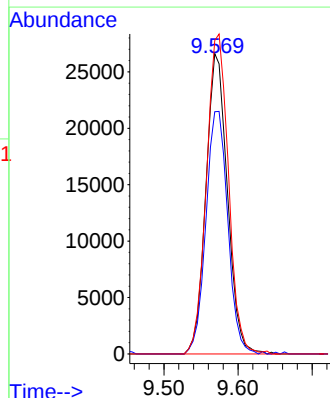
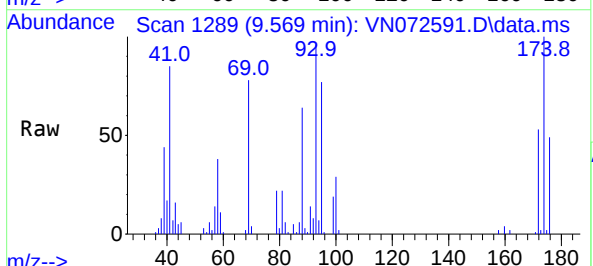
Tgt Ion: 93 Resp: 53609

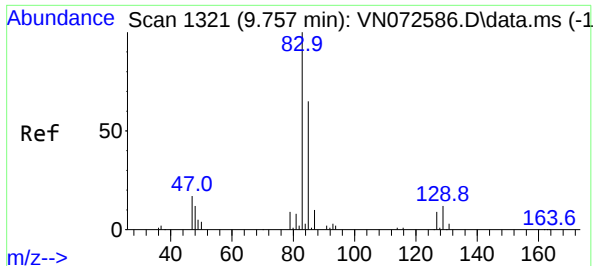
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

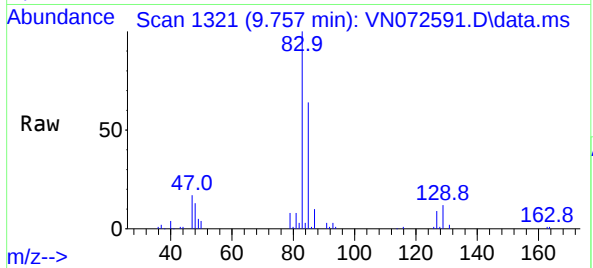
174 109.3 86.6 130.0





#47
Bromodichloromethane
Concen: 50.125 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

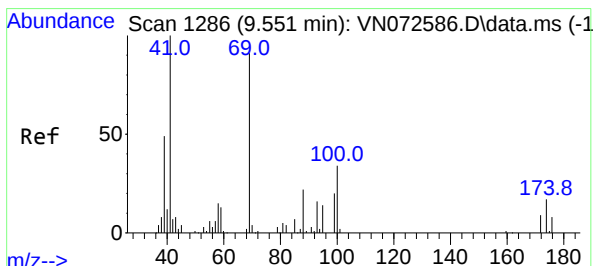
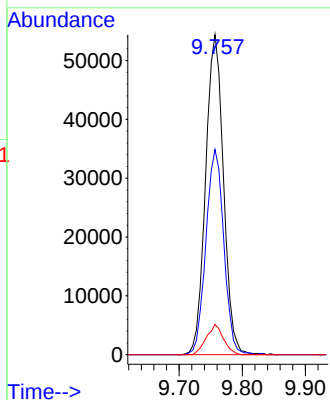
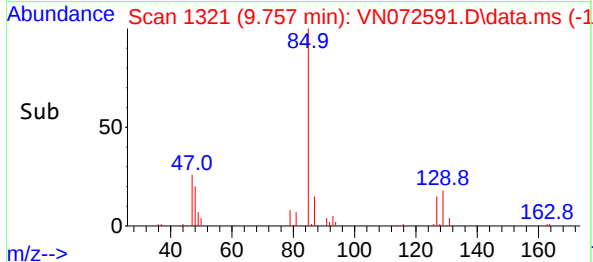
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



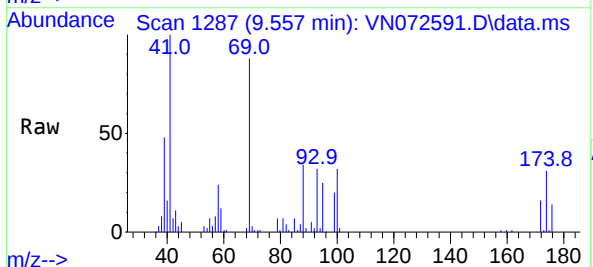
Tgt Ion: 83 Resp: 106978
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 9.5 6.8 10.2

Manual Integrations
APPROVED

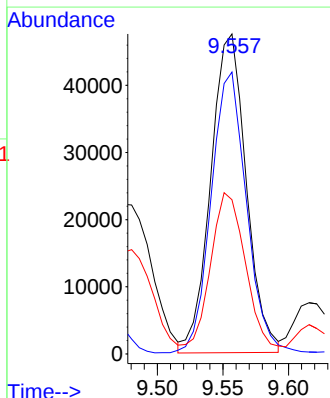
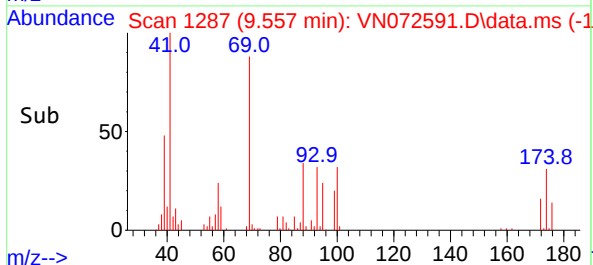
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

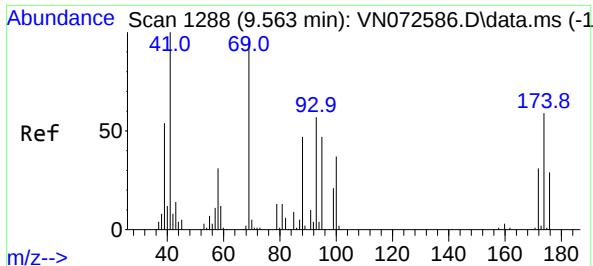


#48
Methyl methacrylate
Concen: 50.637 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



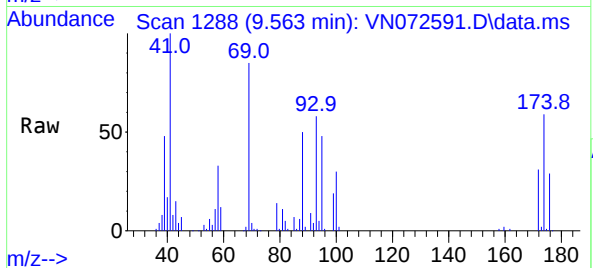
Tgt Ion: 41 Resp: 89467
Ion Ratio Lower Upper
41 100
69 89.1 74.7 112.1
39 51.4 45.6 68.4





#49
1,4-Dioxane
Concen: 1135.044 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

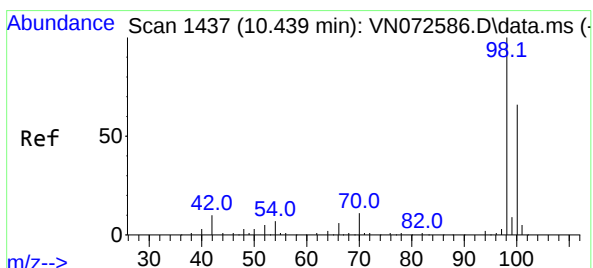
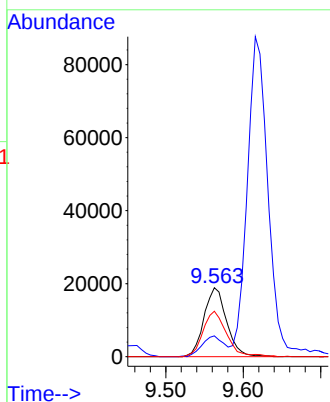
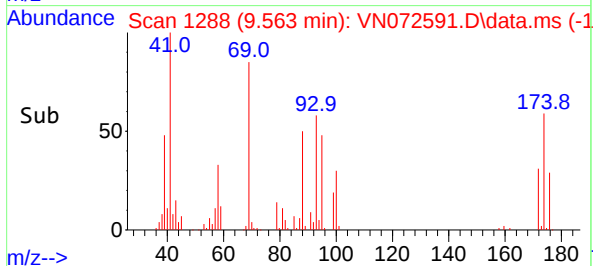
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



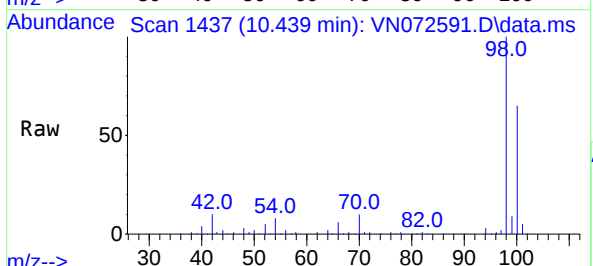
Tgt Ion: 88 Resp: 38274
Ion Ratio Lower Upper
88 100
43 28.7 20.2 30.4
58 68.7 54.2 81.4

Manual Integrations
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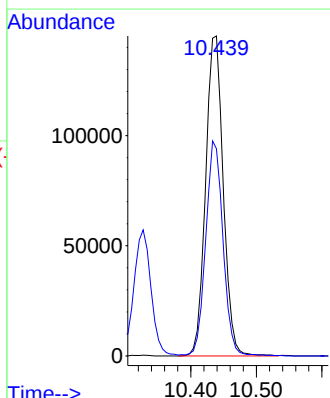
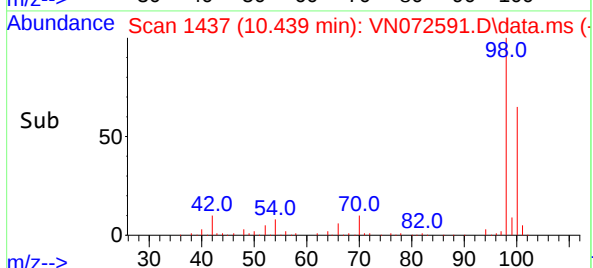
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

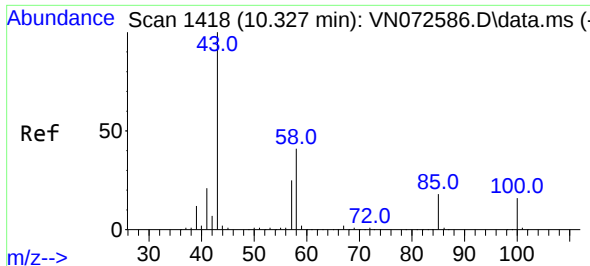


#50
Toluene-d8
Concen: 51.298 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 98 Resp: 271290
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8





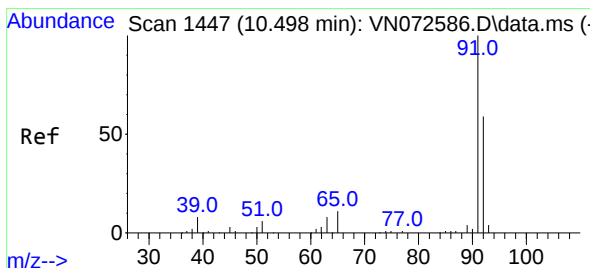
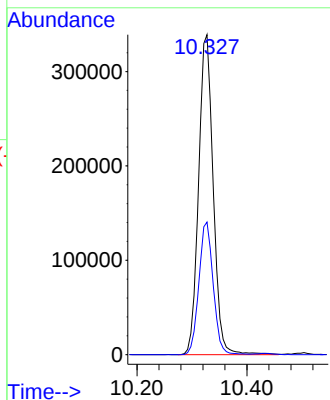
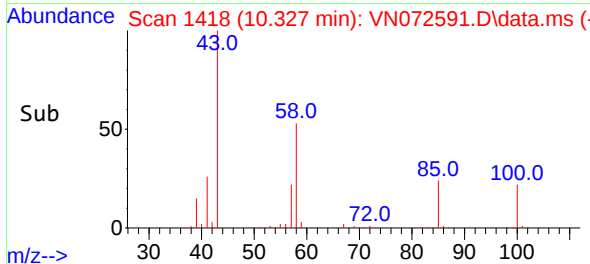
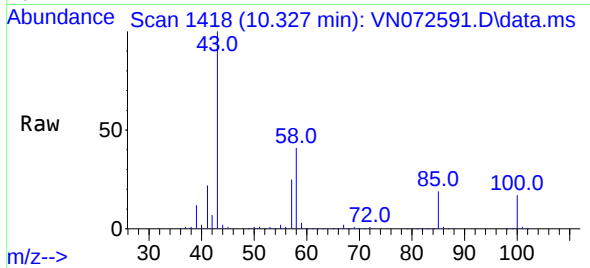
#51
4-Methyl-2-Pentanone
Concen: 251.953 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 626490
Ion Ratio Lower Upper
43 100
58 40.6 34.1 51.1

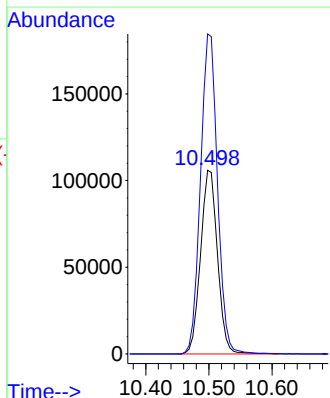
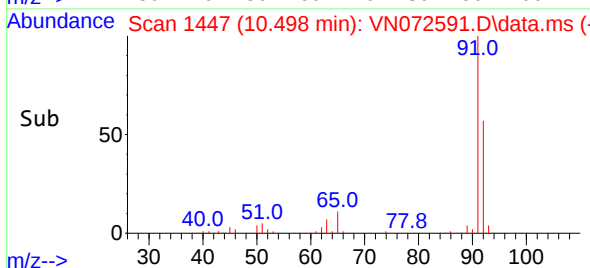
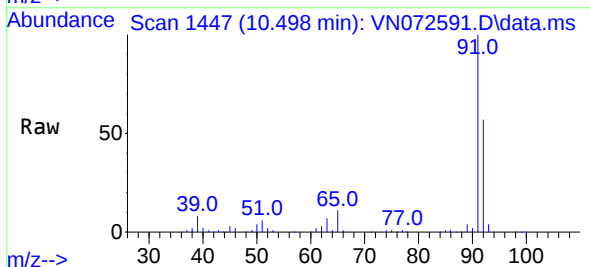
Manual Integrations
APPROVED

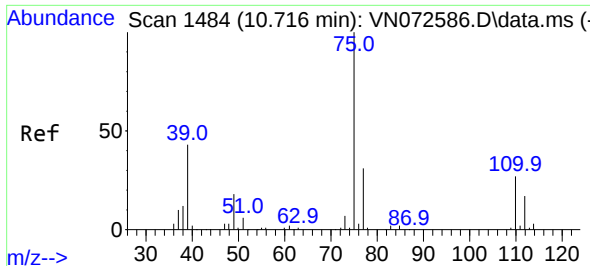
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 49.245 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

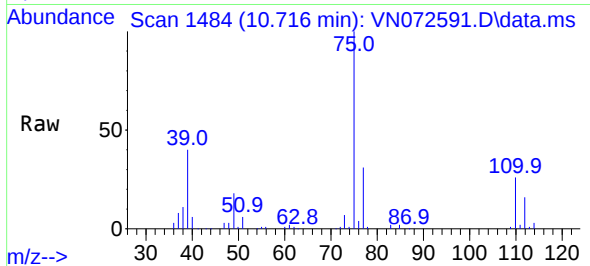
Tgt Ion: 92 Resp: 197186
Ion Ratio Lower Upper
92 100
91 175.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.692 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

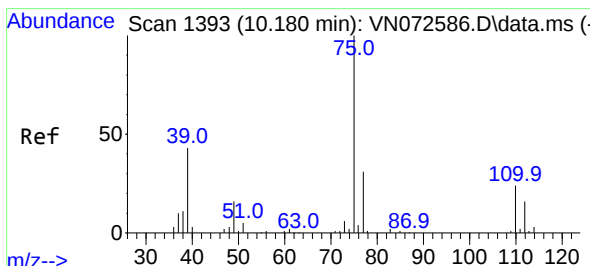
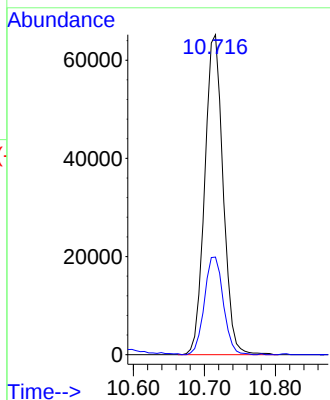
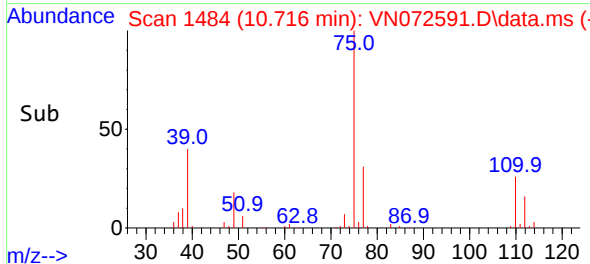
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



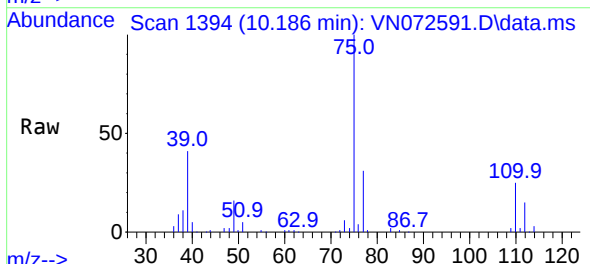
Tgt Ion: 75 Resp: 117130
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

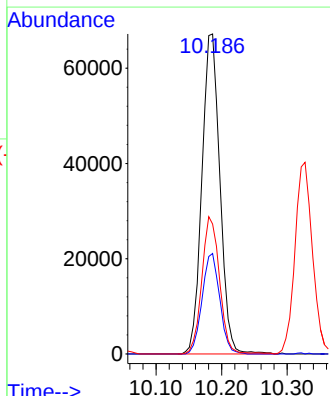
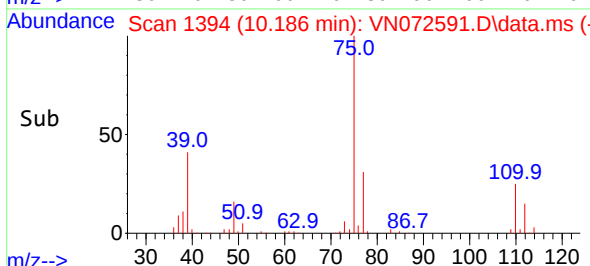
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

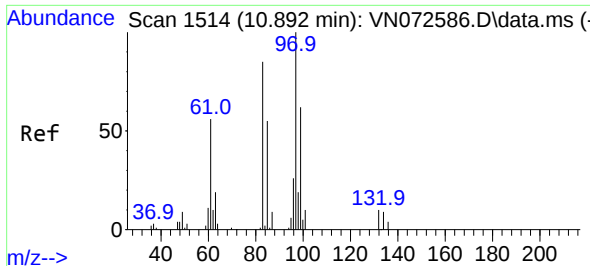


#54
cis-1,3-Dichloropropene
Concen: 52.296 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



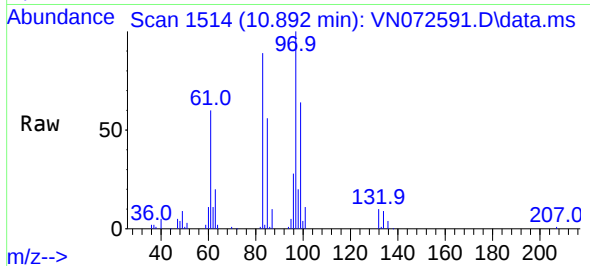
Tgt Ion: 75 Resp: 128475
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 40.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.583 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

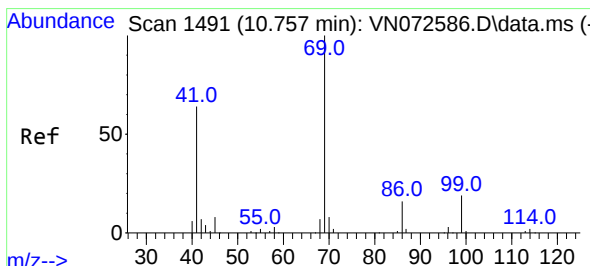
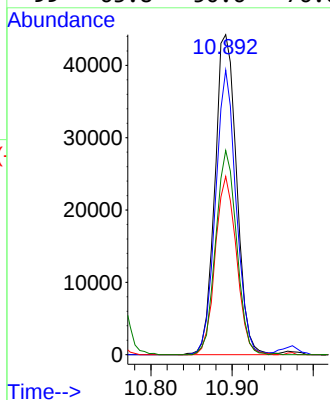
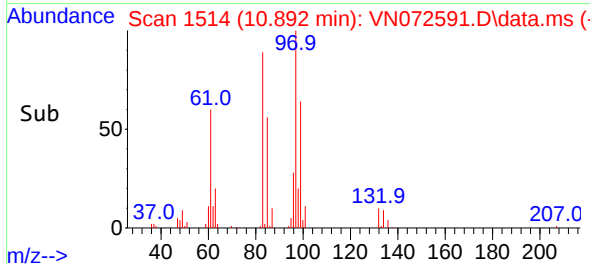


Tgt Ion: 97 Resp: 8236

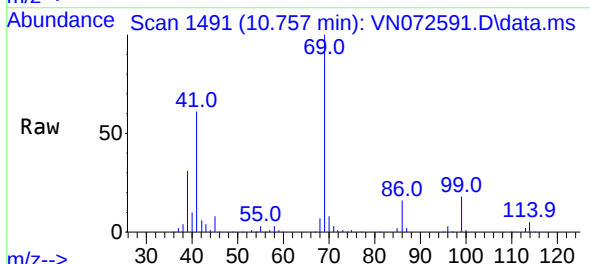
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.2	99.4
85	55.7	43.9	65.9
99	63.8	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

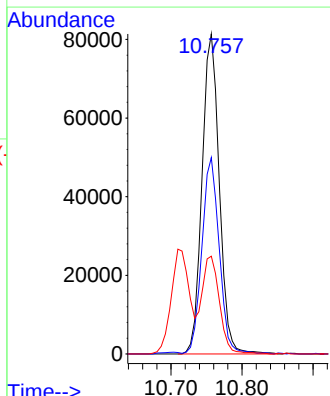
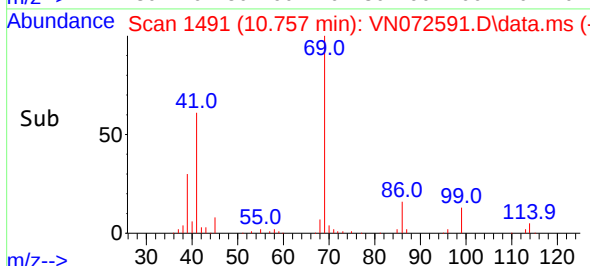


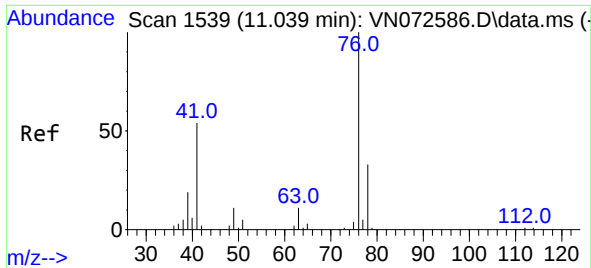
#56
Ethyl methacrylate
Concen: 53.752 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 69 Resp: 137546

Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.8	71.6
39	31.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.365 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 138214

Ion Ratio Lower Upper

76 100

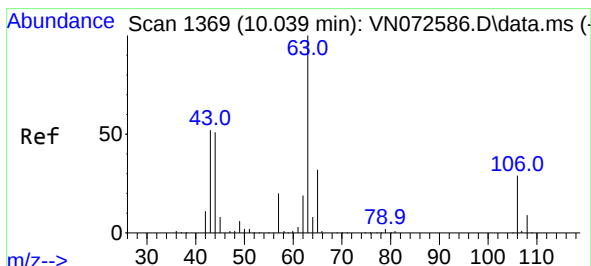
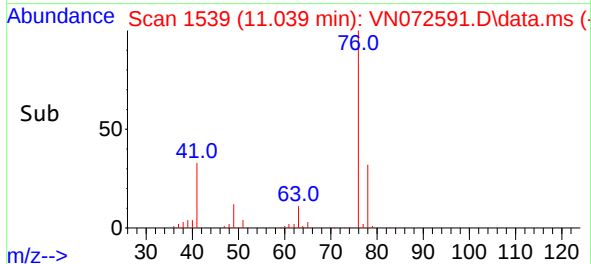
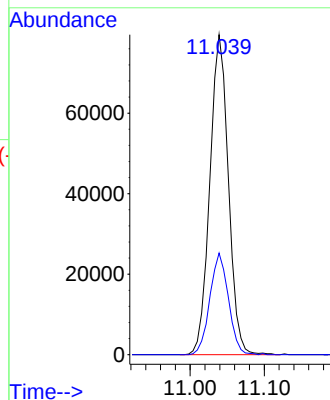
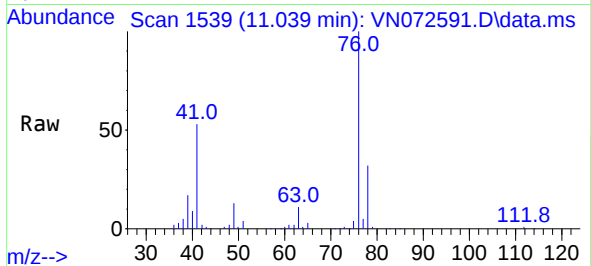
78 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 259.406 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072591.D

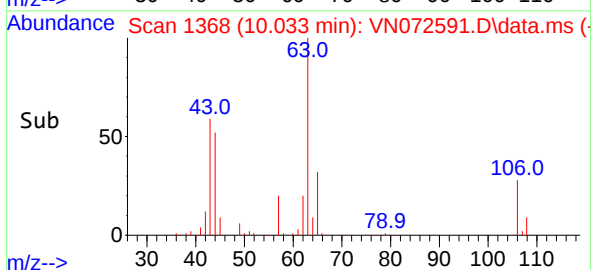
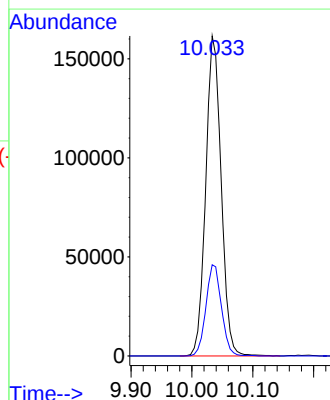
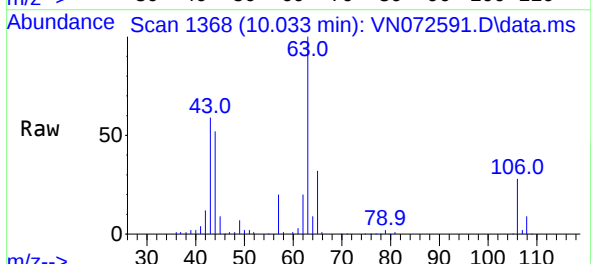
Acq: 24 May 2022 16:43

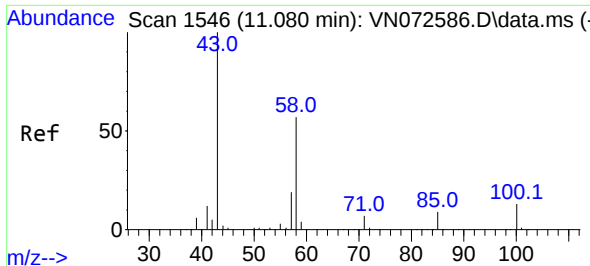
Tgt Ion: 63 Resp: 284024

Ion Ratio Lower Upper

63 100

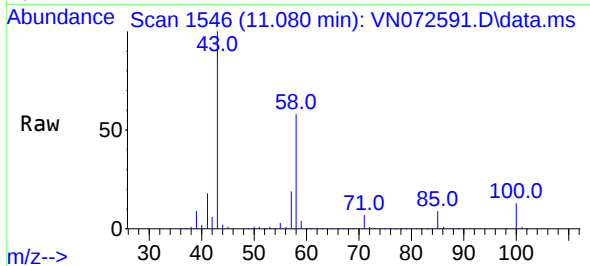
106 28.7 24.6 36.8





#59
2-Hexanone
Concen: 260.857 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

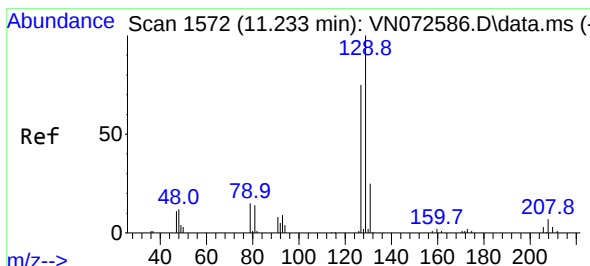
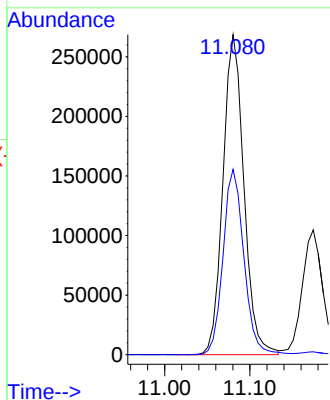
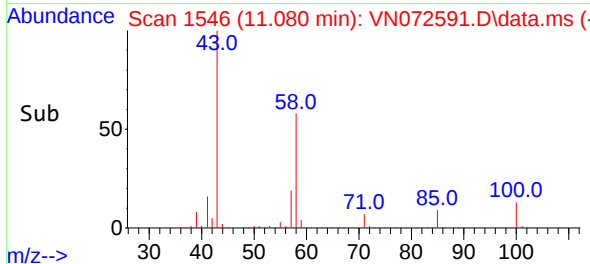
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



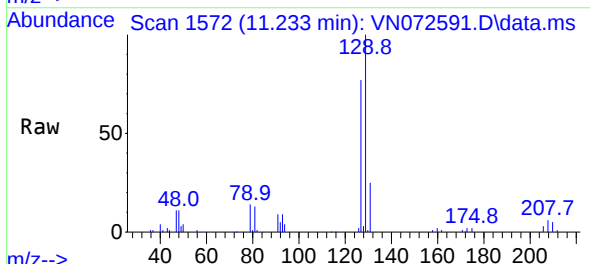
Tgt Ion: 43 Resp: 459835
Ion Ratio Lower Upper
43 100
58 57.6 29.7 89.1

Manual Integrations
APPROVED

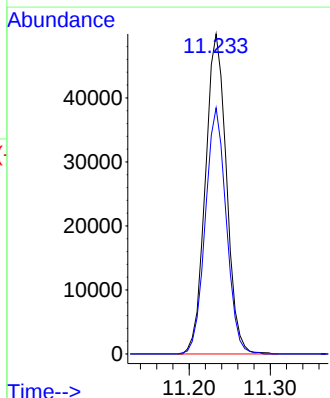
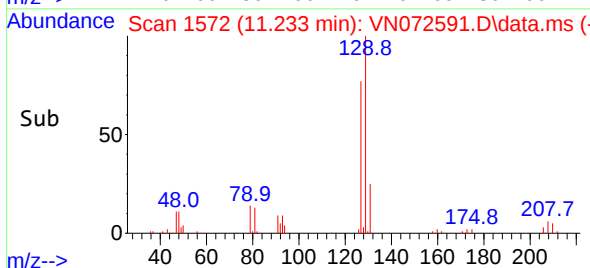
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

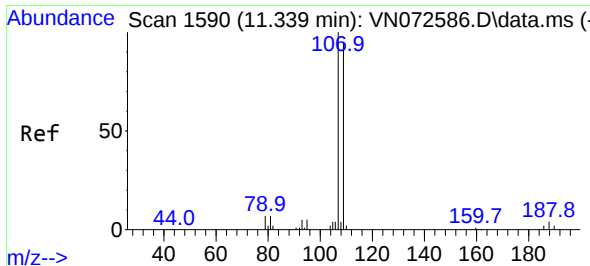


#60
Dibromochloromethane
Concen: 50.659 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion:129 Resp: 90076
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





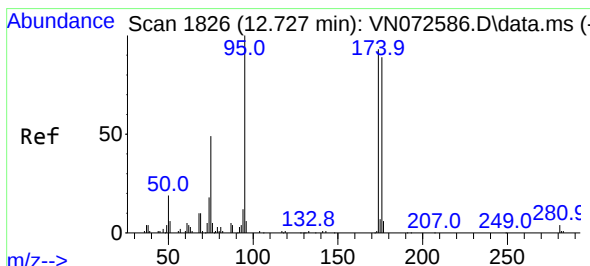
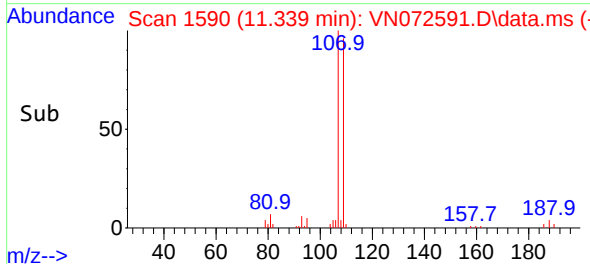
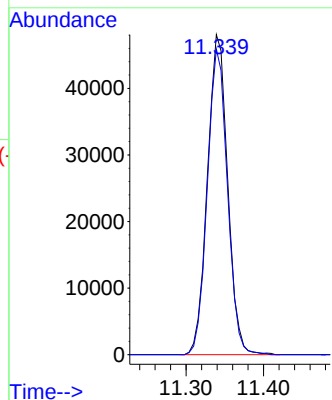
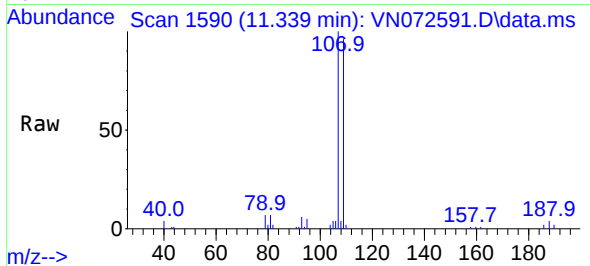
#61
1,2-Dibromoethane
Concen: 50.401 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8729
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

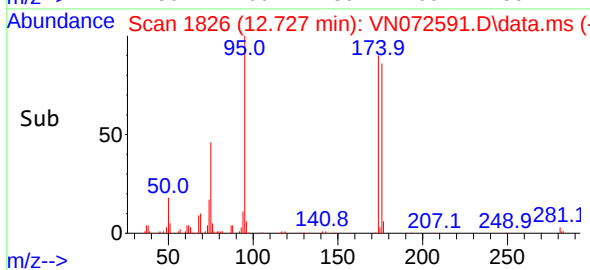
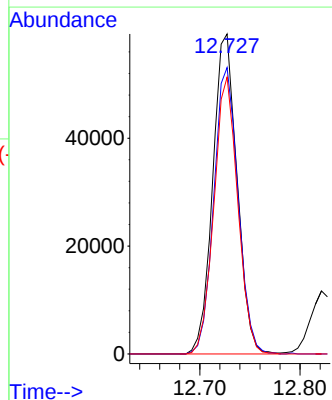
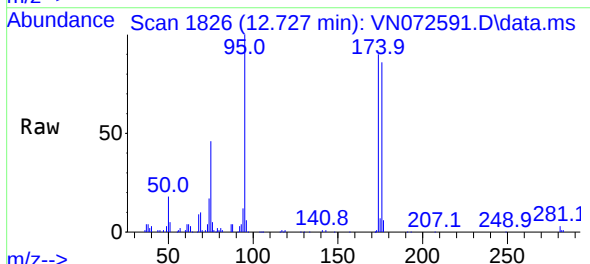
Manual Integrations
APPROVED

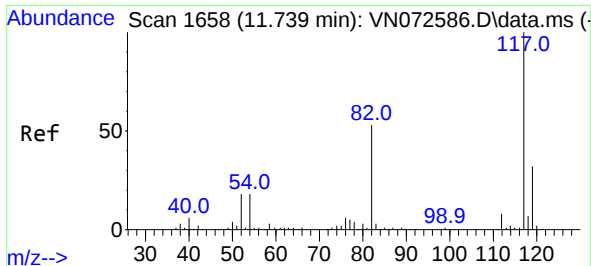
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#62
4-Bromofluorobenzene
Concen: 58.028 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Tgt Ion: 95 Resp: 99810
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 84.8 0.0 163.4





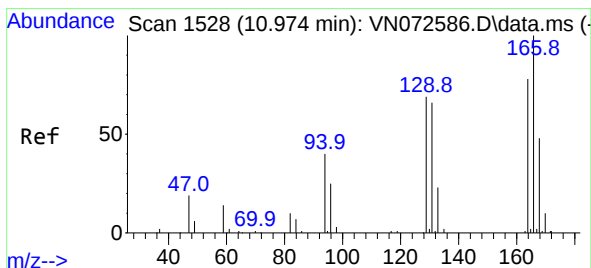
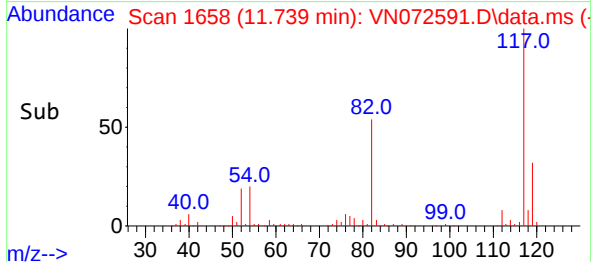
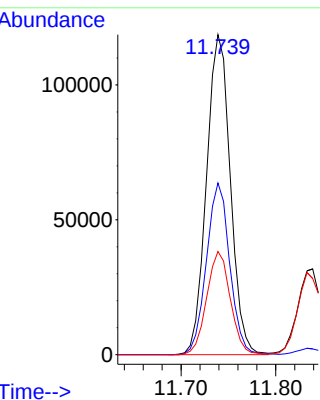
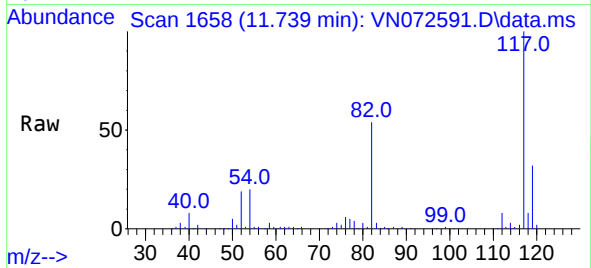
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 20779
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.3 25.4 38.0

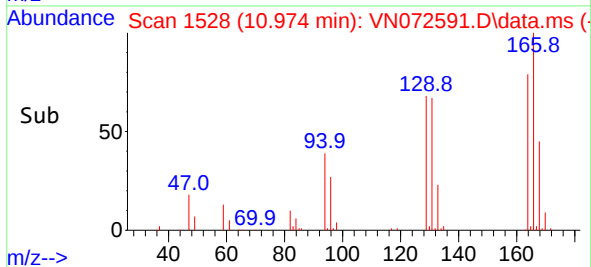
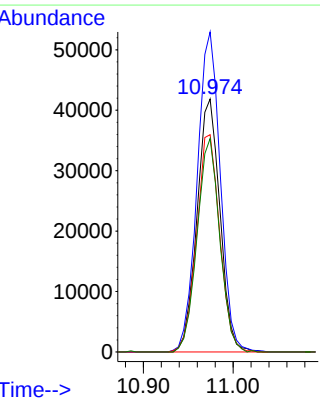
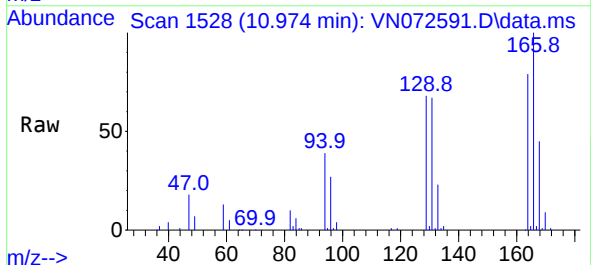
Manual Integrations
APPROVED

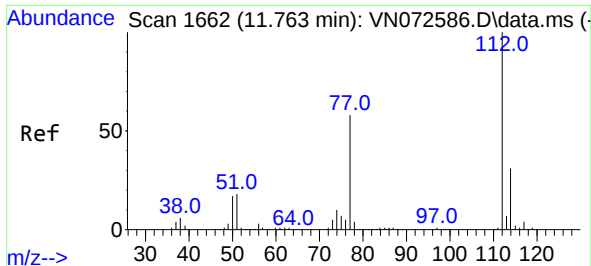
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#64
Tetrachloroethene
Concen: 48.338 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

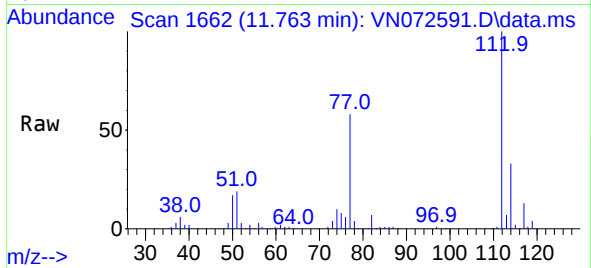
Tgt Ion:164 Resp: 74209
Ion Ratio Lower Upper
164 100
166 126.5 104.2 156.2
129 85.9 73.9 110.9
131 84.4 69.4 104.2





#65
Chlorobenzene
Concen: 47.330 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

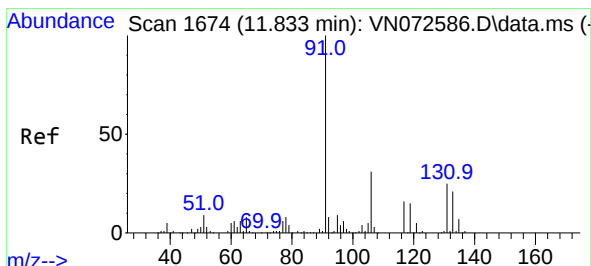
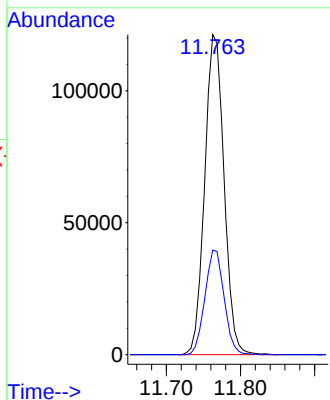
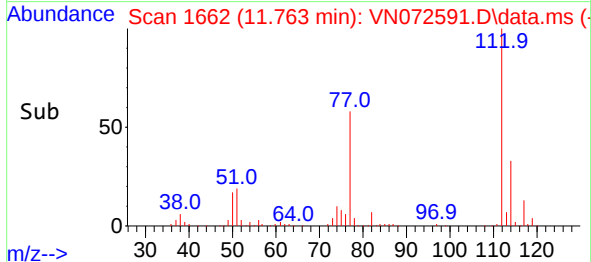
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 22054
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

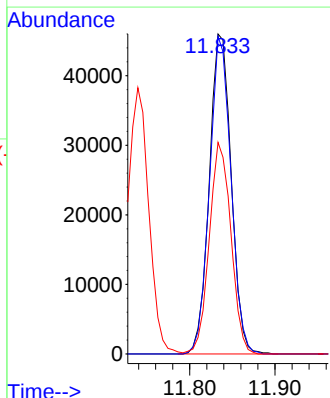
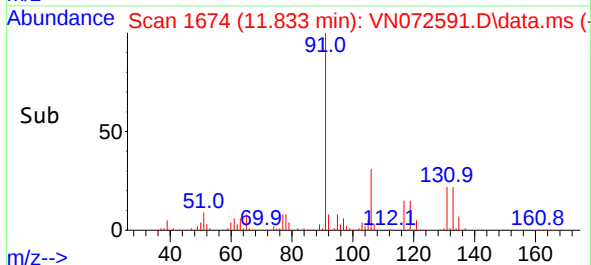
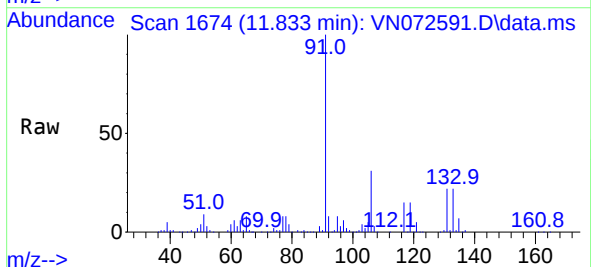
Manual Integrations
APPROVED

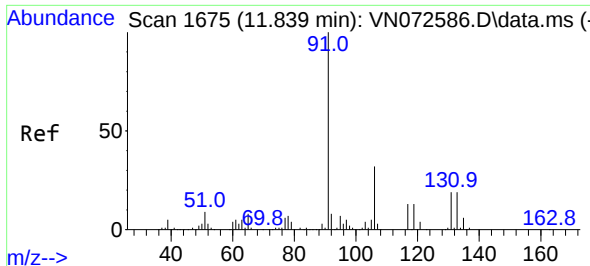
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 46.630 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

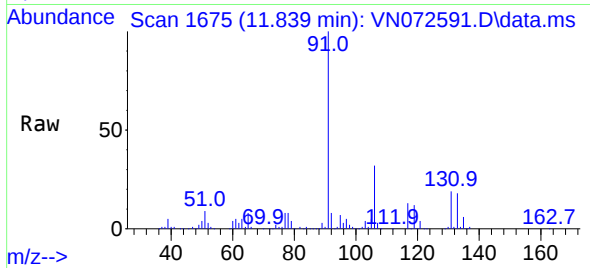
Tgt Ion:131 Resp: 81971
Ion Ratio Lower Upper
131 100
133 97.2 47.8 143.4
119 65.4 33.4 100.2





#67
Ethyl Benzene
Concen: 49.962 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

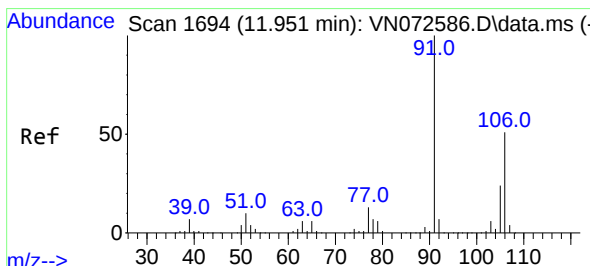
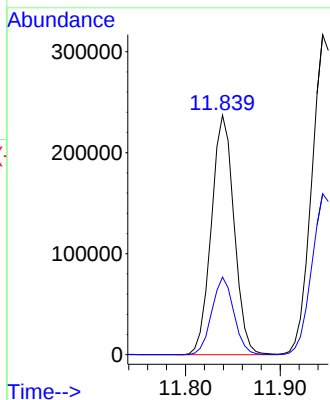
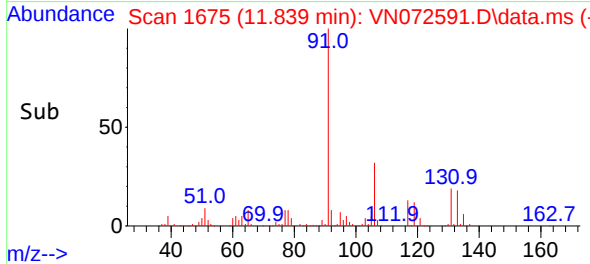
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



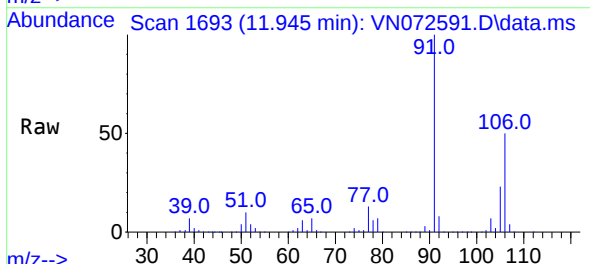
Tgt Ion: 91 Resp: 395412
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

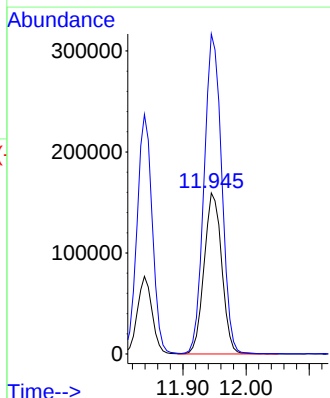
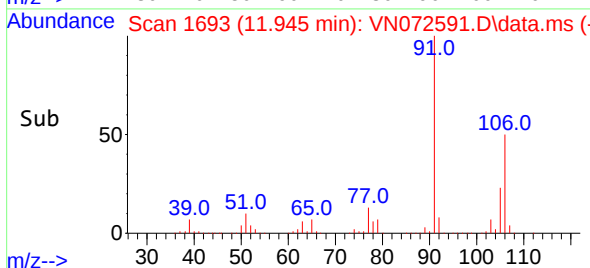
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

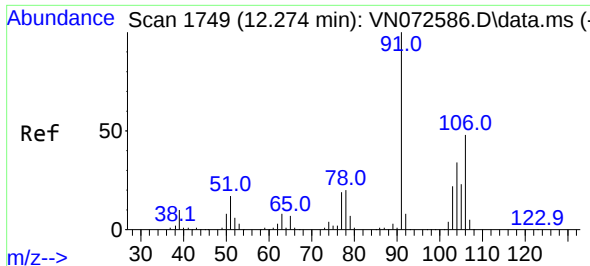


#68
m/p-Xylenes
Concen: 102.485 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion:106 Resp: 309158
Ion Ratio Lower Upper
106 100
91 197.9 158.9 238.3





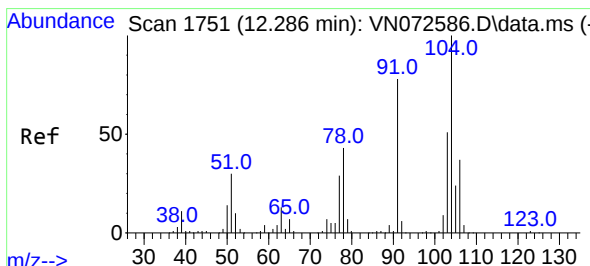
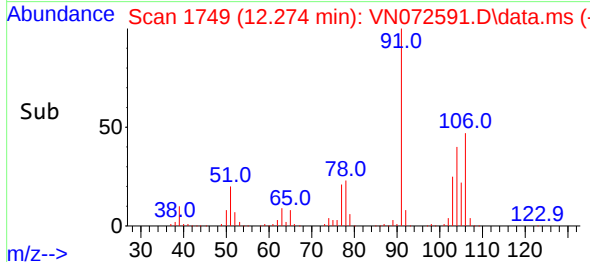
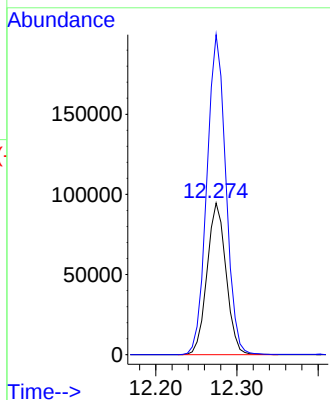
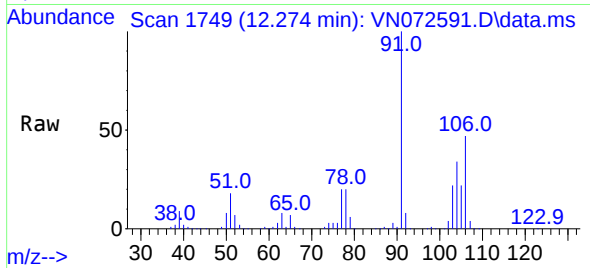
#69
o-Xylene
Concen: 52.671 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 153598
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0

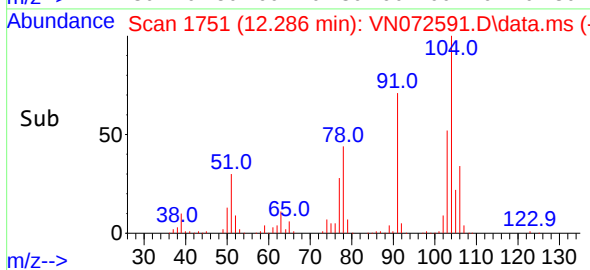
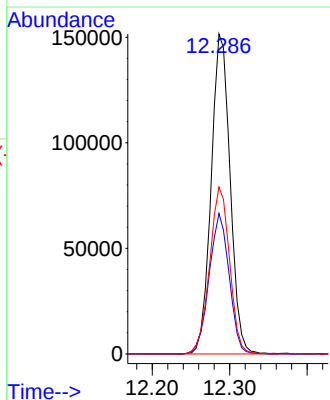
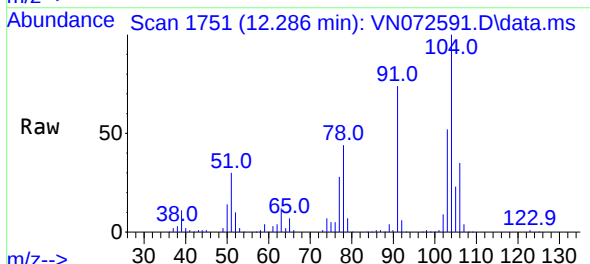
Manual Integrations
APPROVED

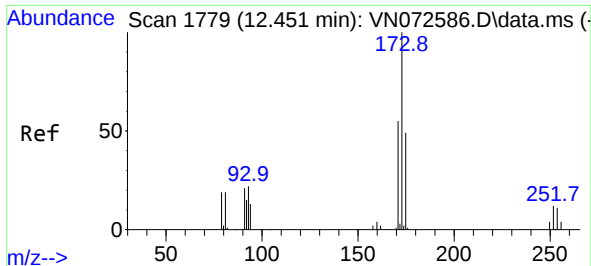
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 54.673 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

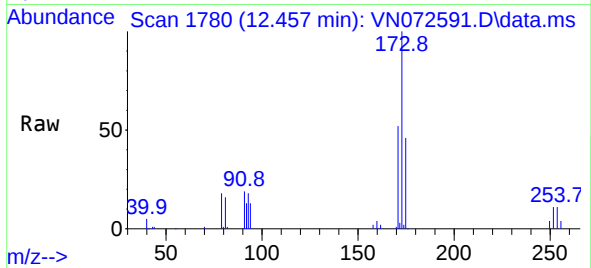
Tgt Ion:104 Resp: 258016
Ion Ratio Lower Upper
104 100
78 46.3 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 50.841 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

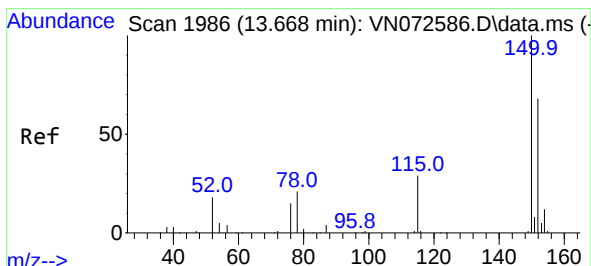
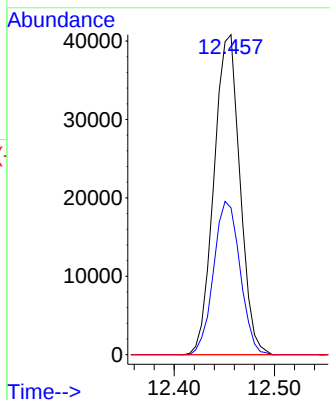
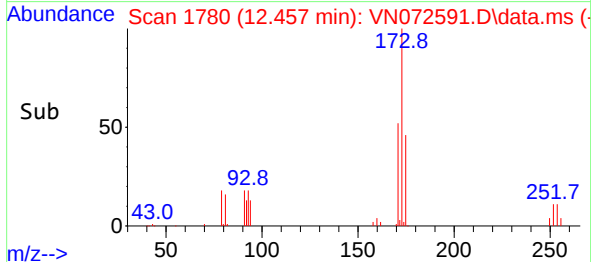
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



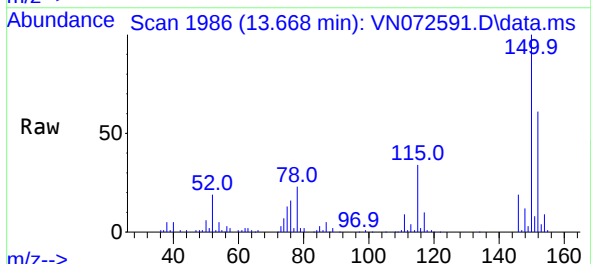
Tgt Ion:173 Resp: 73460
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

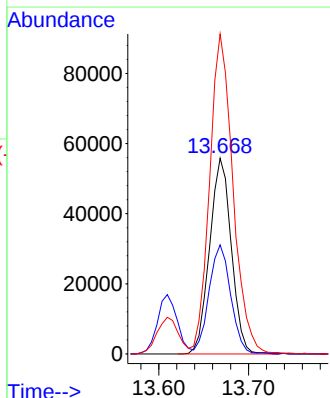
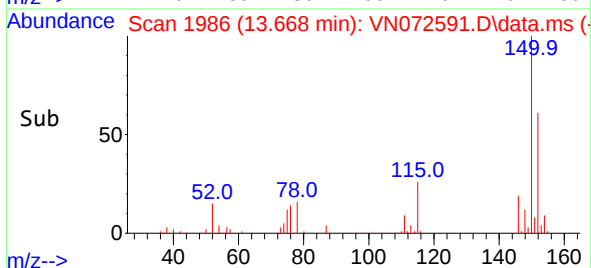
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

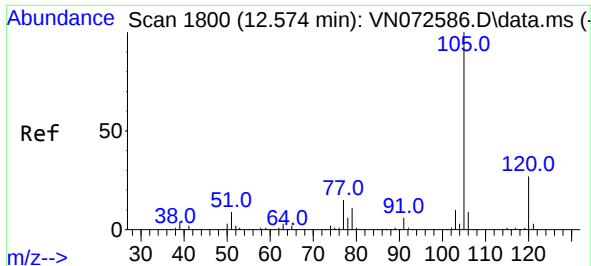


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion:152 Resp: 93778
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 176.6 0.0 356.2





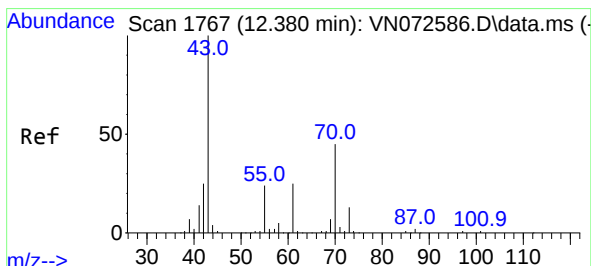
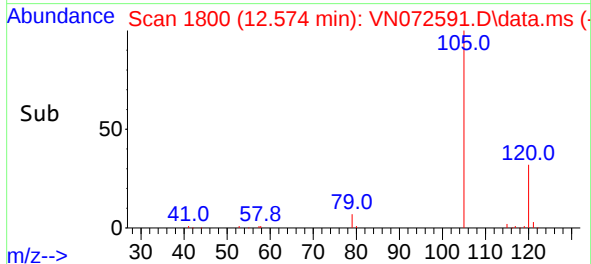
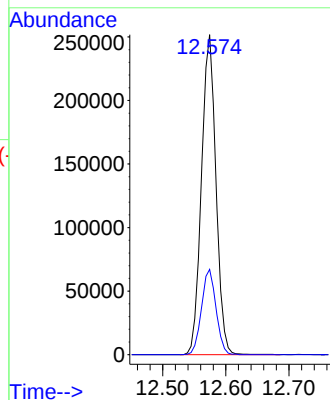
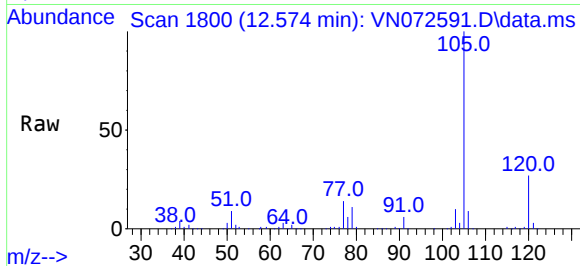
#73
Isopropylbenzene
Concen: 48.015 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 40109
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

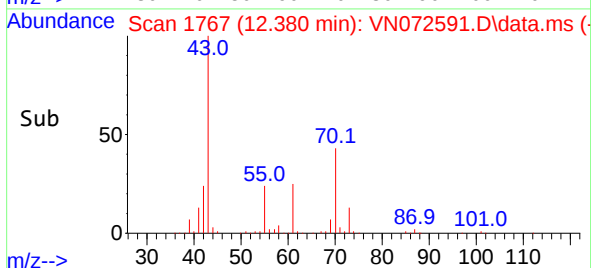
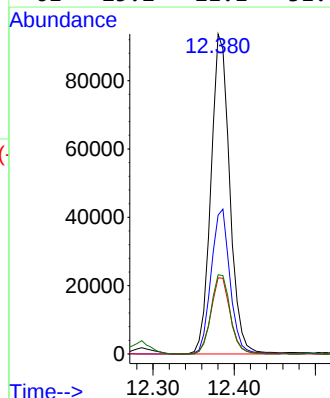
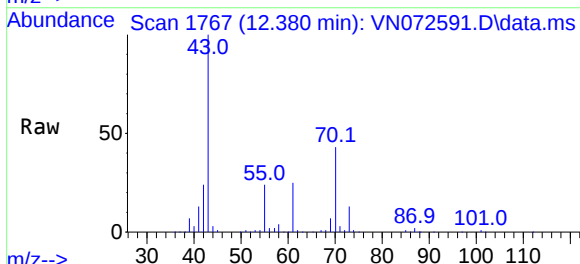
Manual Integrations
APPROVED

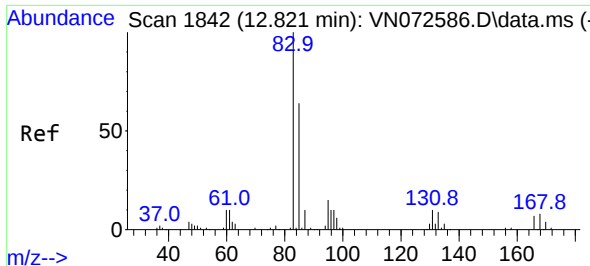
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 50.107 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

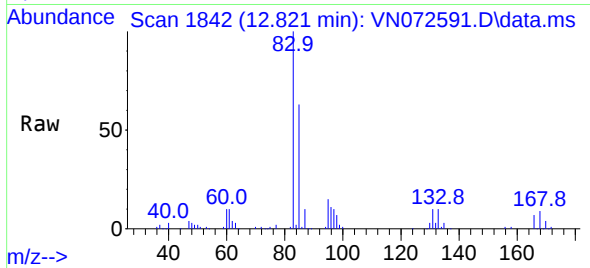
Tgt Ion: 43 Resp: 150242
Ion Ratio Lower Upper
43 100
70 45.4 39.0 58.4
55 24.8 21.1 31.7
61 25.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.258 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

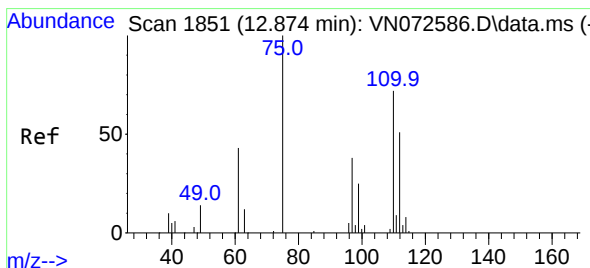
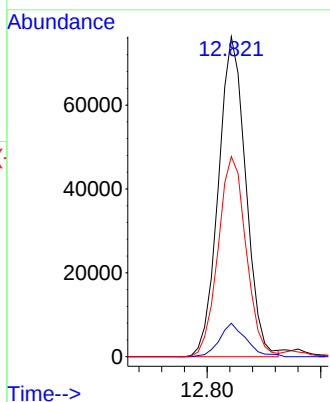
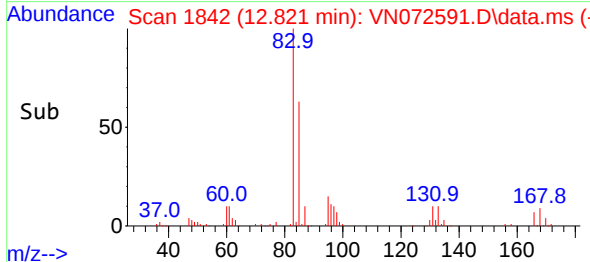
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



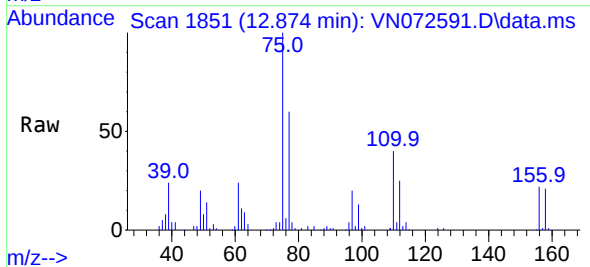
Tgt Ion: 83 Resp: 127610
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

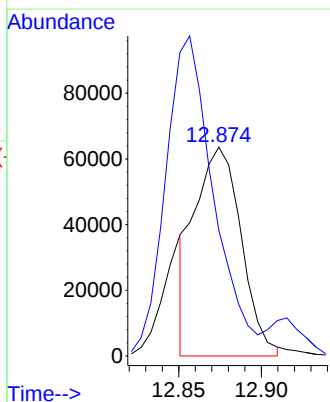
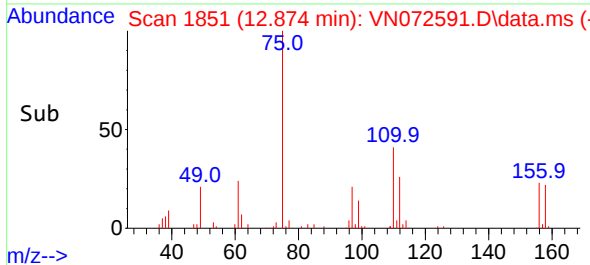
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

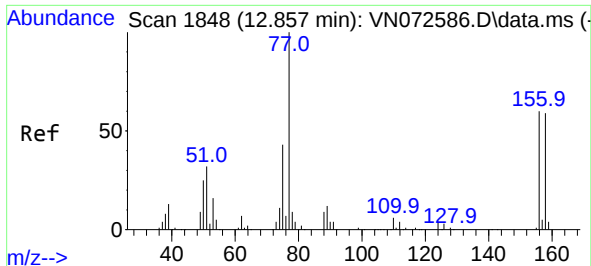


#76
1,2,3-Trichloropropane
Concen: 48.739 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



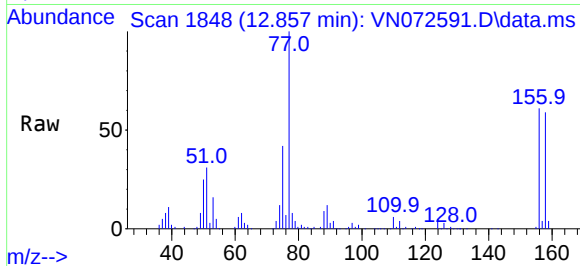
Tgt Ion: 75 Resp: 124090
Ion Ratio Lower Upper
75 100
77 158.2 98.5 295.5





#77
Bromobenzene
Concen: 48.178 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

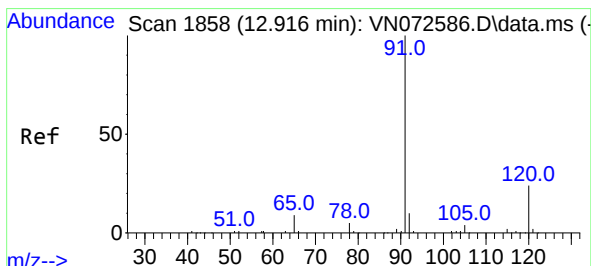
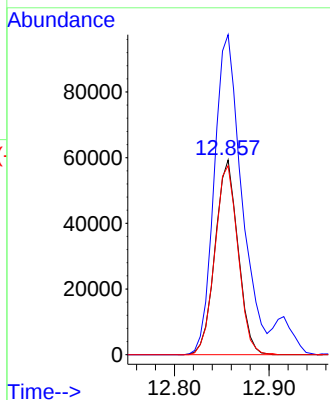
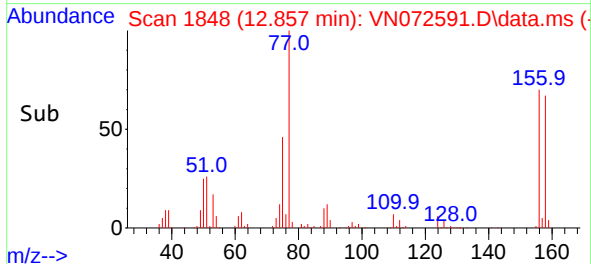
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



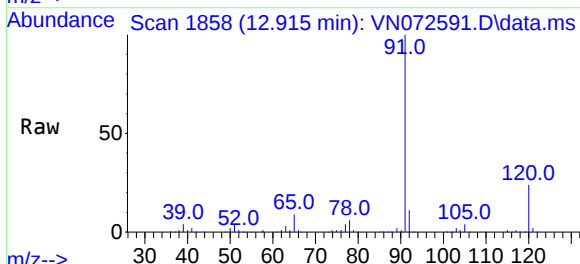
Tgt Ion:156 Resp: 99838
Ion Ratio Lower Upper
156 100
77 196.6 100.5 301.5
158 98.1 48.9 146.6

Manual Integrations
APPROVED

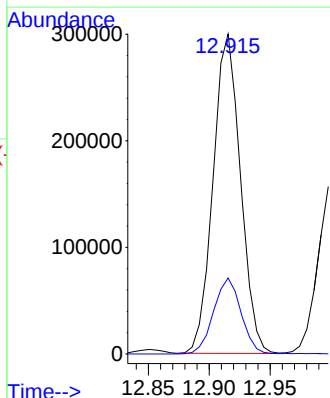
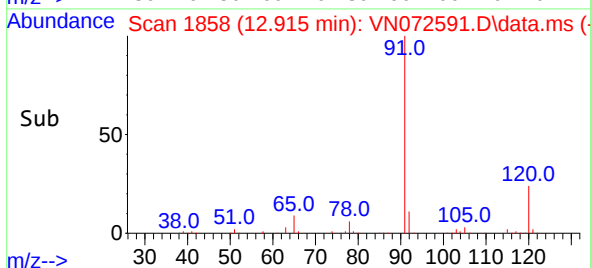
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

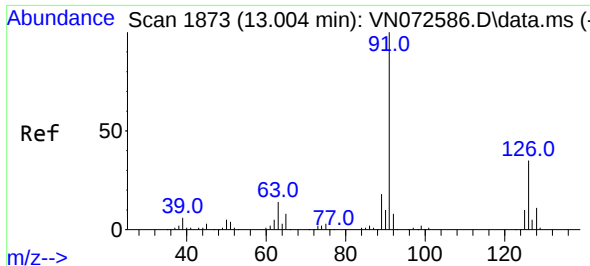


#78
n-propylbenzene
Concen: 50.531 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 91 Resp: 468045
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





#79
2-Chlorotoluene
Concen: 47.946 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

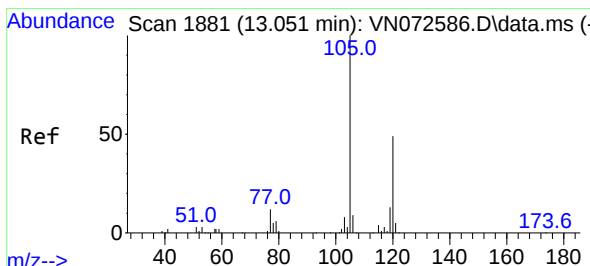
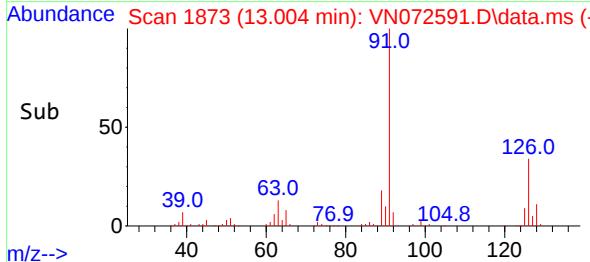
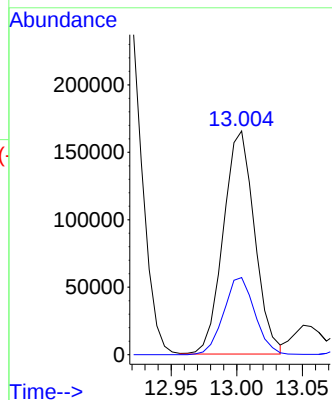
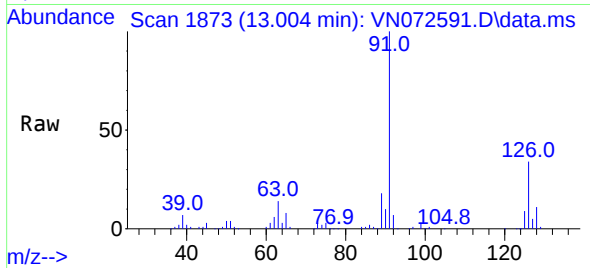
VSTDCCC050

Tgt Ion: 91 Resp: 27436
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

Manual Integrations

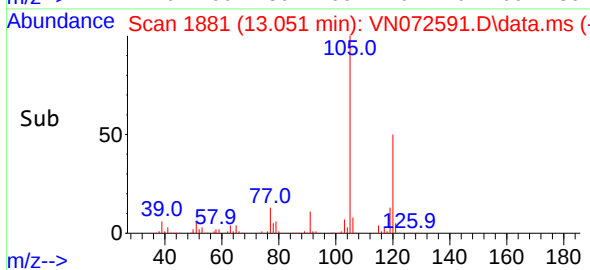
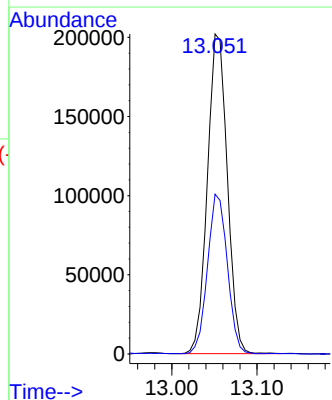
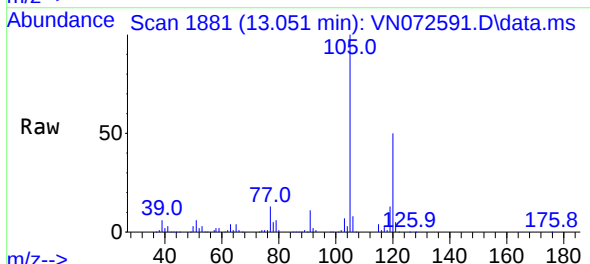
APPROVED

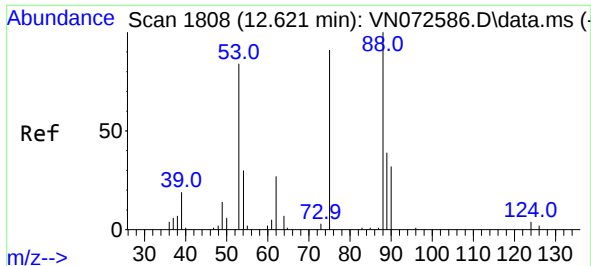
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.439 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

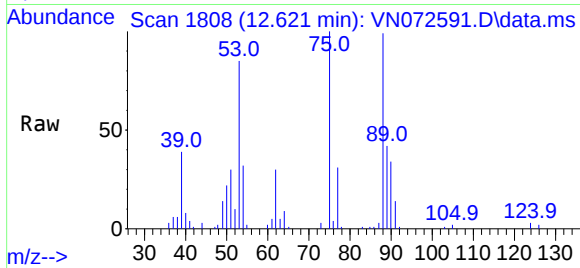
Tgt Ion:105 Resp: 327730
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.668 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

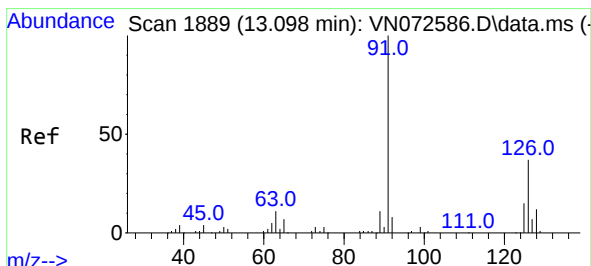
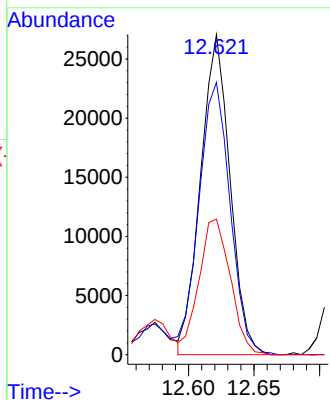
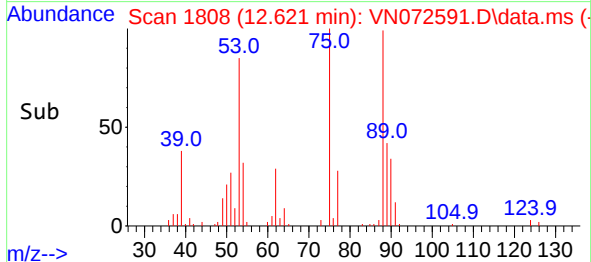
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



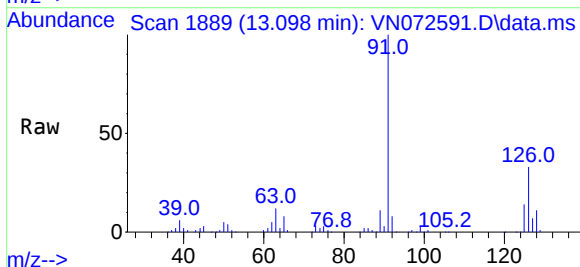
Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
53 91.3 78.0 117.0
89 45.3 37.2 55.8

Manual Integrations
APPROVED

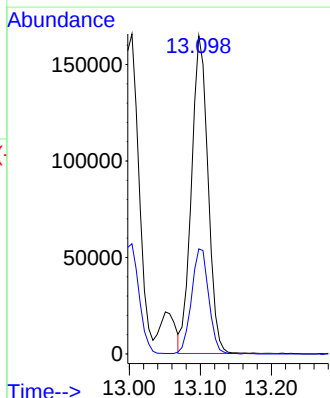
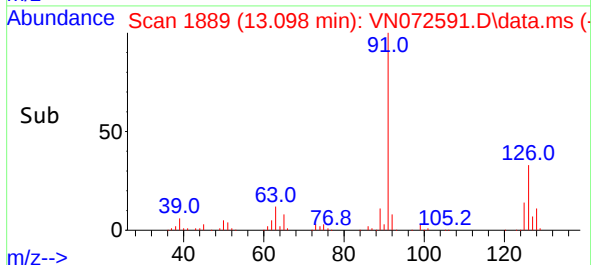
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

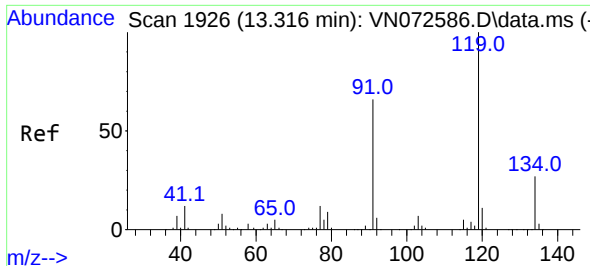


#82
4-Chlorotoluene
Concen: 50.915 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion: 91 Resp: 266426
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





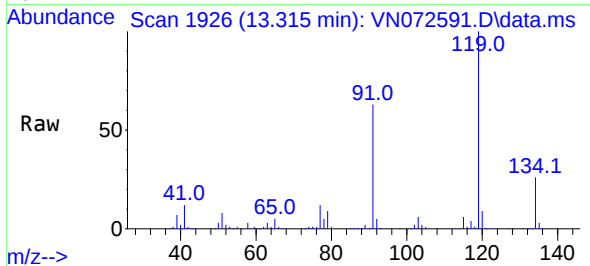
#83
tert-Butylbenzene
Concen: 50.139 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

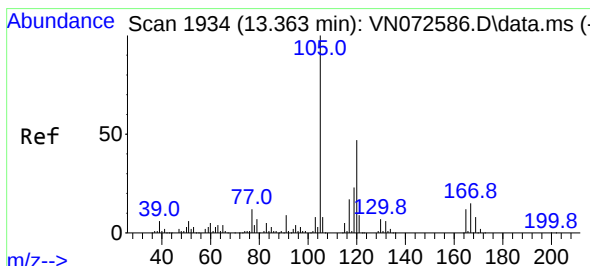
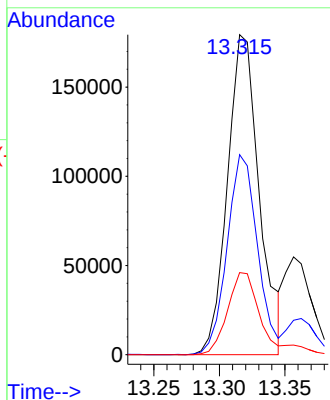
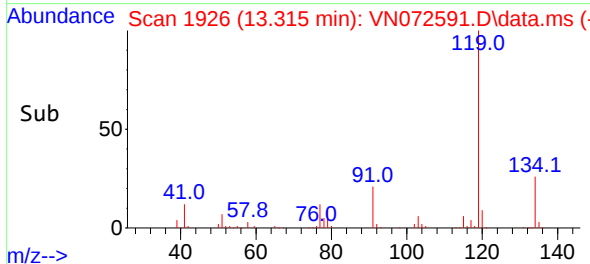


Tgt Ion:119 Resp: 303375
Ion Ratio Lower Upper
119 100
91 59.8 31.6 94.8
134 27.3 13.7 41.1

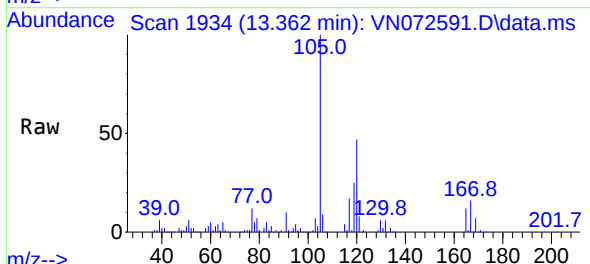
Manual Integrations

APPROVED

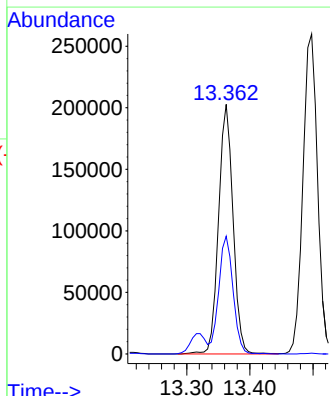
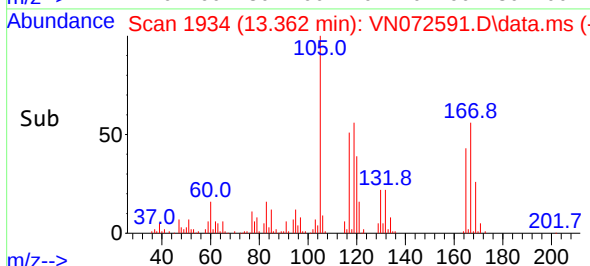
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

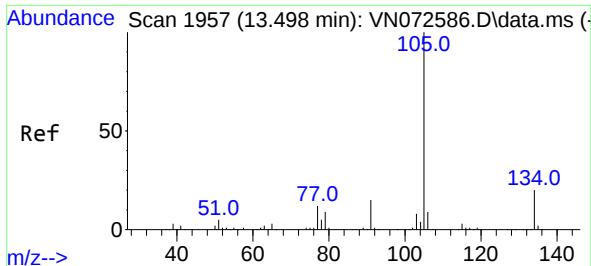


#84
1,2,4-Trimethylbenzene
Concen: 50.650 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



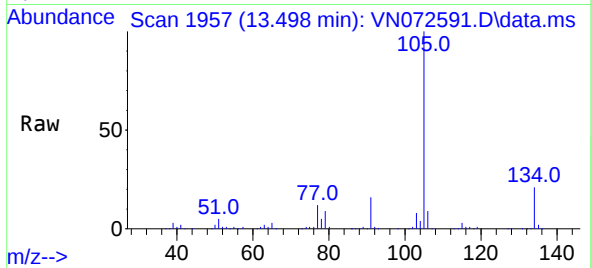
Tgt Ion:105 Resp: 322720
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.566 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072591.D
 Acq: 24 May 2022 16:43

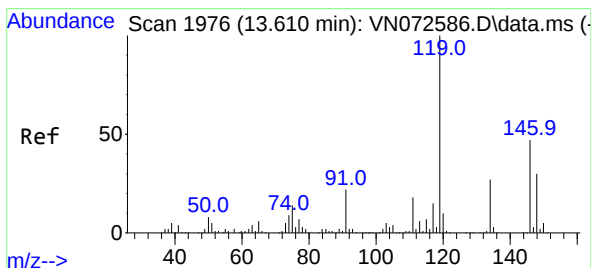
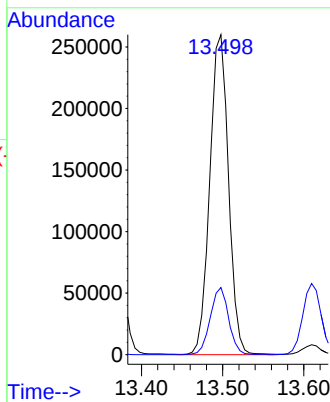
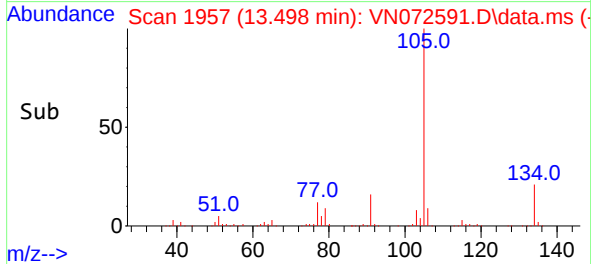
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 VSTDCCC050



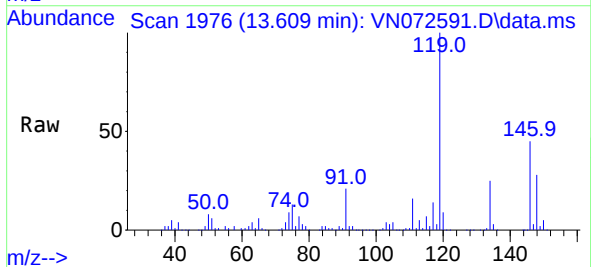
Tgt Ion:105 Resp: 41724
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

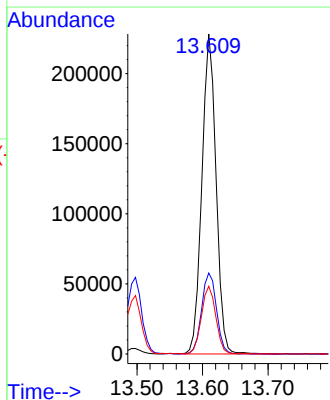
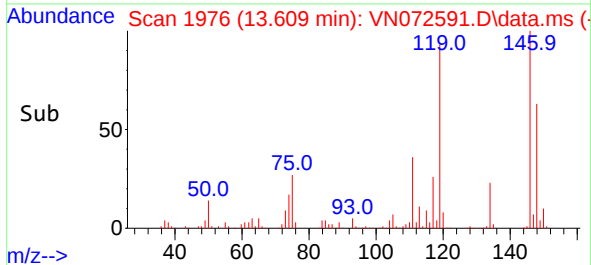
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

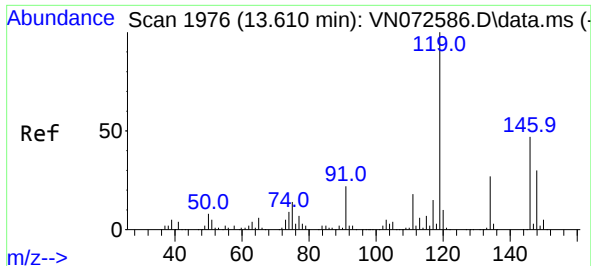


#86
 p-Isopropyltoluene
 Concen: 53.940 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072591.D
 Acq: 24 May 2022 16:43



Tgt Ion:119 Resp: 344123
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.196 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17206

Ion Ratio Lower Upper

146 100

111 37.1 20.0 60.0

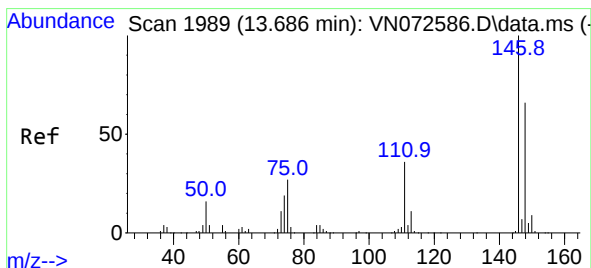
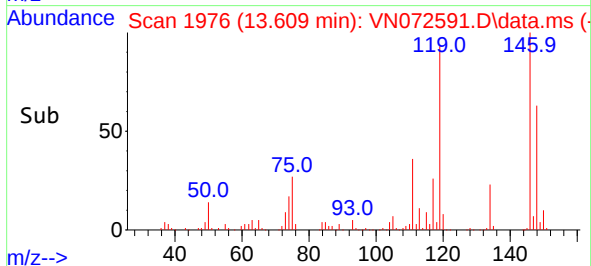
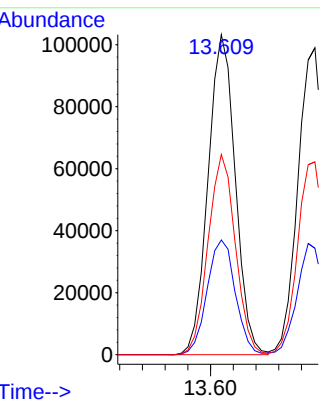
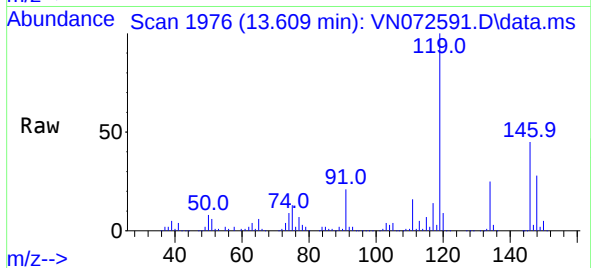
148 62.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#88

1,4-Dichlorobenzene

Concen: 48.734 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN072591.D

Acq: 24 May 2022 16:43

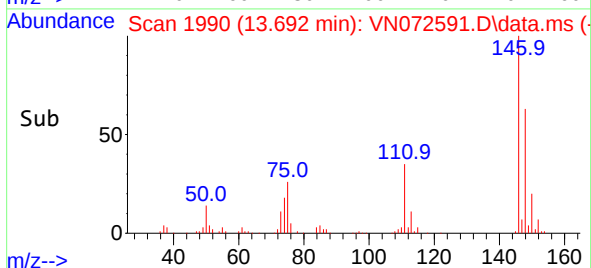
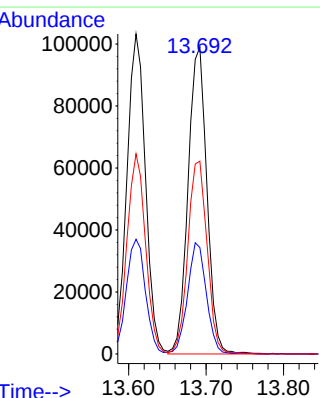
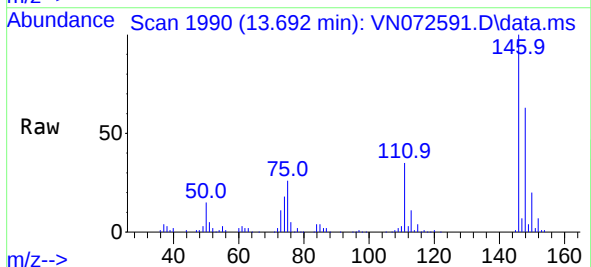
Tgt Ion:146 Resp: 167221

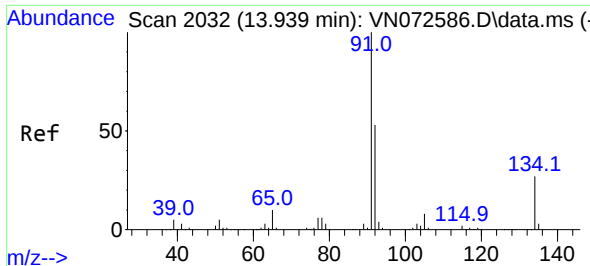
Ion Ratio Lower Upper

146 100

111 35.7 19.1 57.1

148 64.5 31.4 94.3





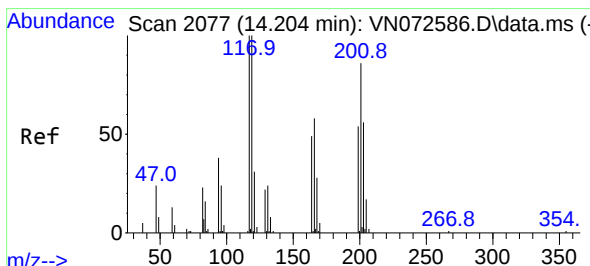
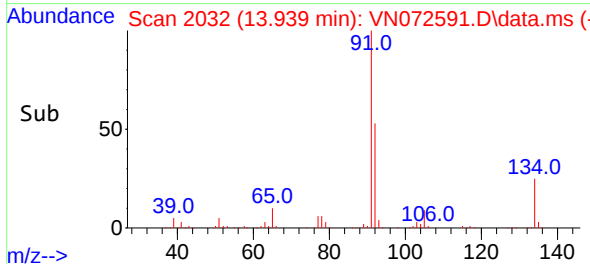
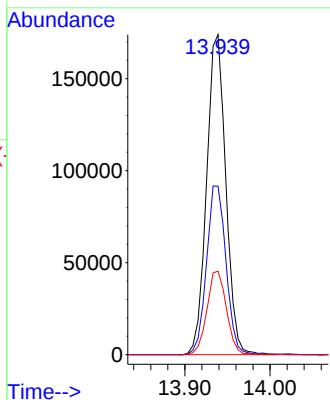
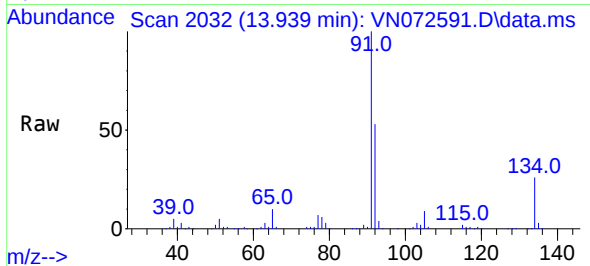
#89
n-Butylbenzene
Concen: 52.930 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 272464
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 26.5 13.6 40.8

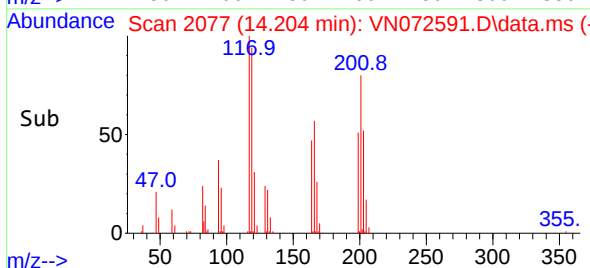
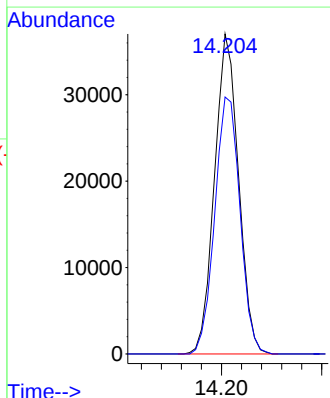
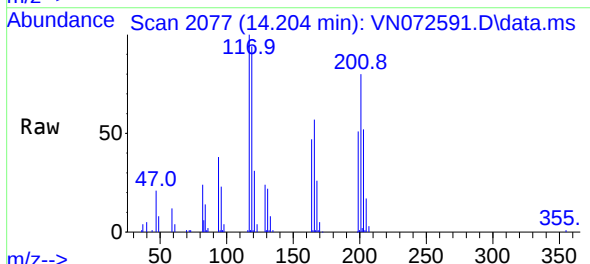
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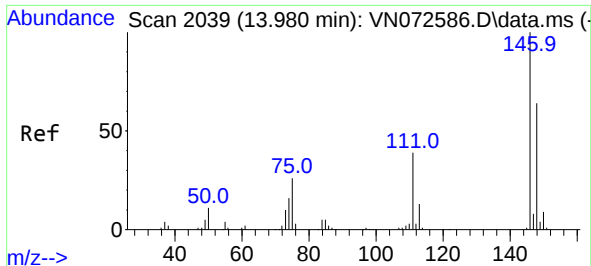
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 48.752 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

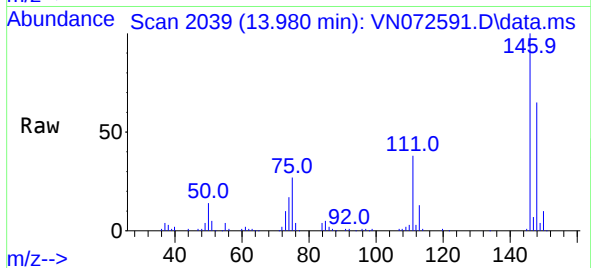
Tgt Ion:117 Resp: 61487
Ion Ratio Lower Upper
117 100
201 84.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.261 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

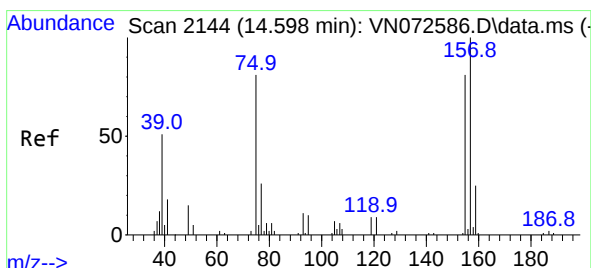
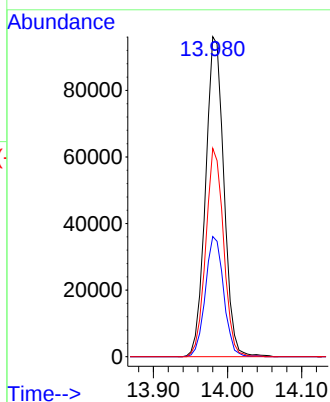
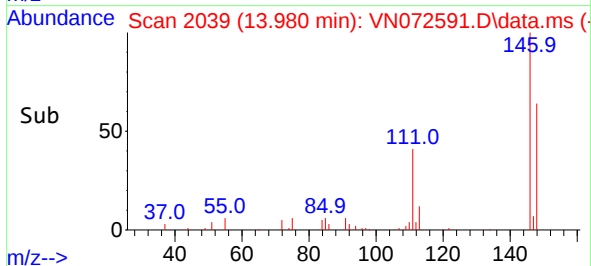
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



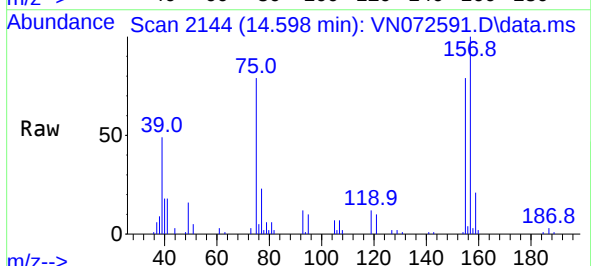
Tgt Ion:146 Resp: 165034
Ion Ratio Lower Upper
146 100
111 37.6 20.9 62.8
148 63.3 32.1 96.3

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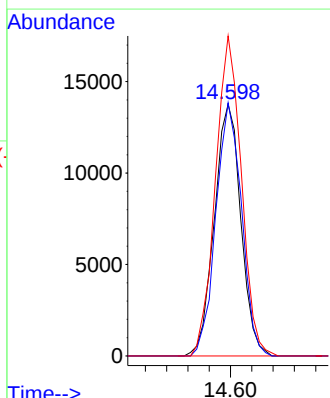
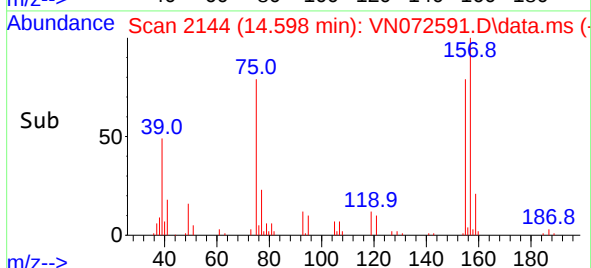
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

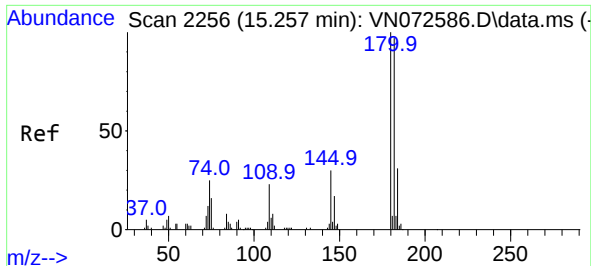


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.211 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



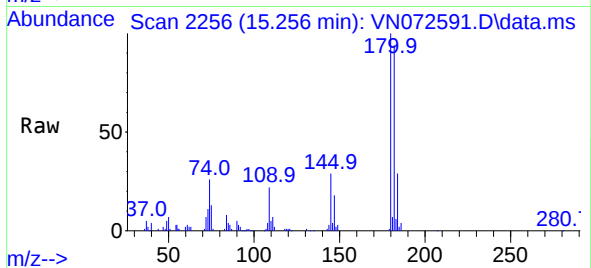
Tgt Ion: 75 Resp: 23741
Ion Ratio Lower Upper
75 100
155 97.4 44.9 134.5
157 124.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.721 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

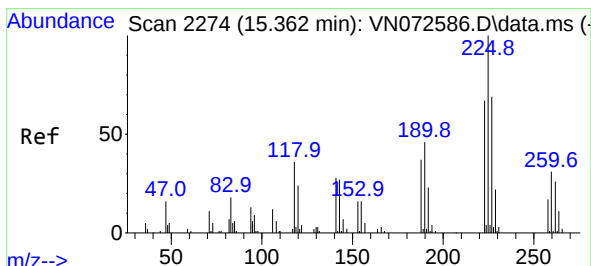
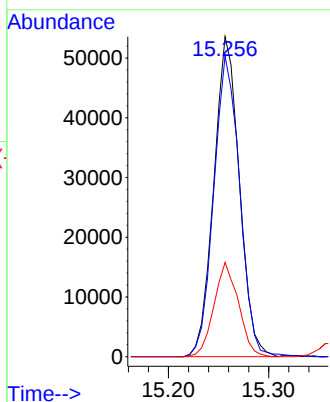
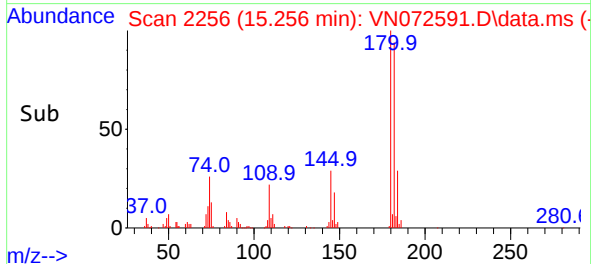
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



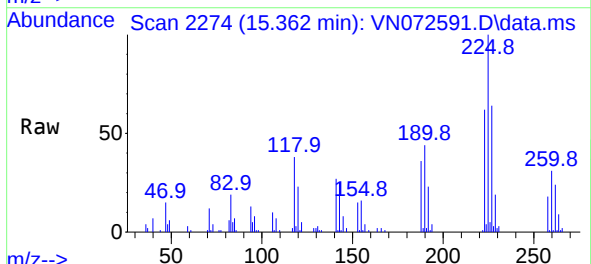
Tgt Ion:180 Resp: 9480
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 28.3 14.5 43.5

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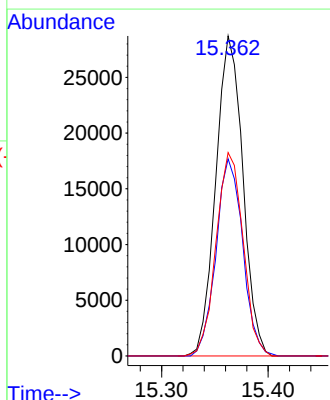
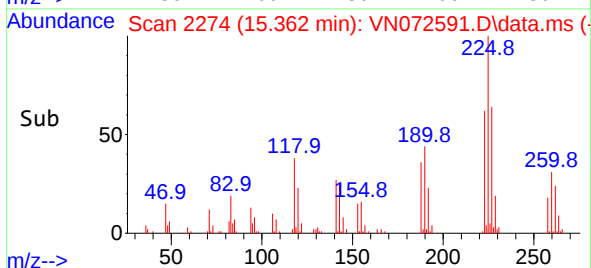
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

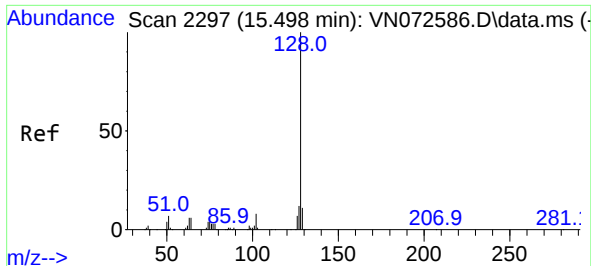


#94
Hexachlorobutadiene
Concen: 48.598 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



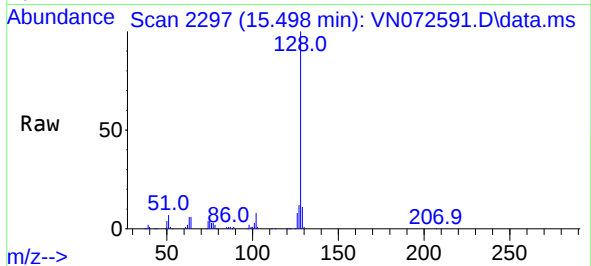
Tgt Ion:225 Resp: 50608
Ion Ratio Lower Upper
225 100
223 60.8 32.4 97.2
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 52.020 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43

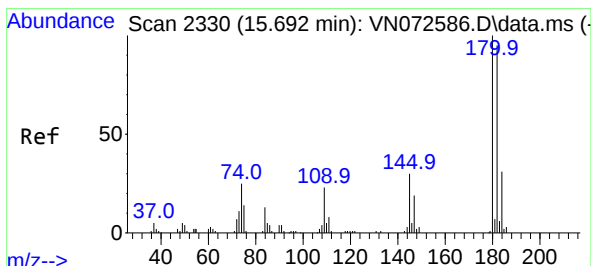
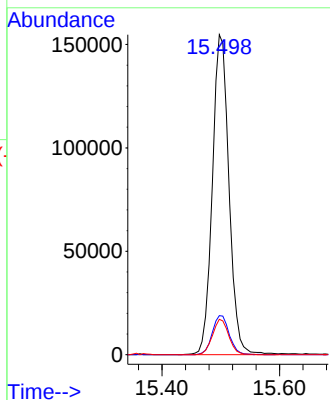
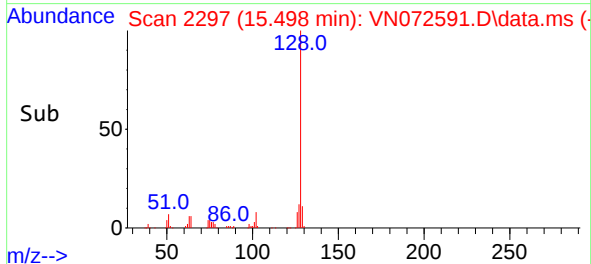
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



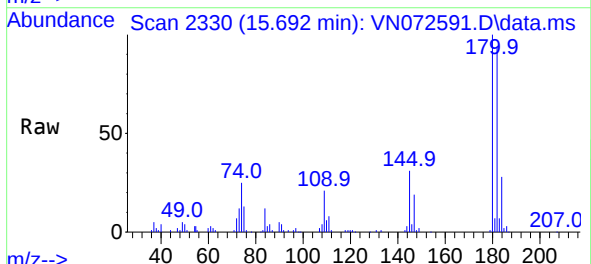
Tgt Ion:128 Resp: 303602
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.189 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072591.D
Acq: 24 May 2022 16:43



Tgt Ion:180 Resp: 96716
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 29.9 15.5 46.5

