

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072233.D
 Acq On : 28 Apr 2022 12:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 28 14:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	243350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	396293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	371428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	152975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	193303	51.741	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.480%			
35) Dibromofluoromethane	8.016	113	134808	53.147	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.300%			
50) Toluene-d8	10.433	98	530578	53.234	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.727	95	187841	56.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	138448	50.762	ug/l	96
3) Chloromethane	2.299	50	135686	44.239	ug/l	99
4) Vinyl Chloride	2.440	62	119469	43.610	ug/l	96
5) Bromomethane	2.840	94	66849	51.023	ug/l	99
6) Chloroethane	3.004	64	74201	47.848	ug/l	99
7) Trichlorofluoromethane	3.369	101	234303	48.956	ug/l	95
8) Diethyl Ether	3.828	74	83445	48.150	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.216	101	124463	49.509	ug/l	95
10) Methyl Iodide	4.422	142	148679	48.722	ug/l	# 86
11) Tert butyl alcohol	5.357	59	136533	222.384	ug/l	# 88
12) 1,1-Dichloroethene	4.181	96	109586	47.150	ug/l	86
13) Acrolein	4.034	56	136120	220.311	ug/l	97
14) Allyl chloride	4.840	41	217656	45.103	ug/l	96
15) Acrylonitrile	5.545	53	425536	229.685	ug/l	99
16) Acetone	4.281	43	359458	223.165	ug/l	95
17) Carbon Disulfide	4.528	76	254272	46.524	ug/l	99
18) Methyl Acetate	4.845	43	194359	43.158	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	469401	51.523	ug/l	100
20) Methylene Chloride	5.093	84	138343	44.808	ug/l	# 89
21) trans-1,2-Dichloroethene	5.592	96	119724	46.714	ug/l	89
22) Diisopropyl ether	6.487	45	468184	47.101	ug/l	95
23) Vinyl Acetate	6.428	43	2036753	243.978	ug/l	95
24) 1,1-Dichloroethane	6.381	63	262295	47.175	ug/l	99
25) 2-Butanone	7.328	43	559709	218.194	ug/l	98
26) 2,2-Dichloropropane	7.322	77	217190	50.007	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	148368	47.487	ug/l	90
28) Bromochloromethane	7.651	49	120231	48.292	ug/l	82
29) Tetrahydrofuran	7.675	42	377064	223.982	ug/l	91
30) Chloroform	7.810	83	274199	49.117	ug/l	97
31) Cyclohexane	8.092	56	216181	43.307	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	242566	51.059	ug/l	99
36) 1,1-Dichloropropene	8.216	75	189019	51.196	ug/l	96
37) Ethyl Acetate	7.404	43	222870	45.455	ug/l	98
38) Carbon Tetrachloride	8.204	117	210579	53.253	ug/l	99
39) Methylcyclohexane	9.457	83	212522	51.467	ug/l	92
40) Benzene	8.457	78	571309	49.887	ug/l	99

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Quant Time: Apr 28 14:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	114145	46.018	ug/l	89
42) 1,2-Dichloroethane	8.522	62	231285	52.753	ug/l	95
43) Isopropyl Acetate	8.557	43	356108	46.317	ug/l	96
44) Trichloroethene	9.210	130	130962	49.160	ug/l	88
45) 1,2-Dichloropropane	9.486	63	152661	49.333	ug/l	97
46) Dibromomethane	9.569	93	101000	52.101	ug/l	91
47) Bromodichloromethane	9.757	83	220535	54.219	ug/l	99
48) Methyl methacrylate	9.557	41	162332	50.122	ug/l	94
49) 1,4-Dioxane	9.563	88	58784	1033.242	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	1160318	250.813	ug/l	95
52) Toluene	10.498	92	362299	52.920	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	228426	55.866	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	242177	54.767	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	145142	50.562	ug/l	97
56) Ethyl methacrylate	10.757	69	240065	47.859	ug/l	90
57) 1,3-Dichloropropane	11.039	76	259247	51.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	301337	224.725	ug/l	94
59) 2-Hexanone	11.080	43	824925	253.089	ug/l	94
60) Dibromochloromethane	11.233	129	158252	53.913	ug/l	98
61) 1,2-Dibromoethane	11.339	107	147718	52.325	ug/l	98
64) Tetrachloroethene	10.974	164	113161	50.613	ug/l	95
65) Chlorobenzene	11.763	112	375361	50.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	150241	53.129	ug/l	96
67) Ethyl Benzene	11.839	91	718194	54.875	ug/l	98
68) m/p-Xylenes	11.951	106	528625	108.769	ug/l	90
69) o-Xylene	12.274	106	256089	54.353	ug/l	89
70) Styrene	12.286	104	423273	57.034	ug/l	94
71) Bromoform	12.451	173	114706	54.539	ug/l #	99
73) Isopropylbenzene	12.574	105	697103	51.596	ug/l	96
74) N-amyl acetate	12.380	43	245349	48.471	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	225735	50.098	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	204943m	56.458	ug/l	
77) Bromobenzene	12.857	156	152392	47.696	ug/l	85
78) n-propylbenzene	12.916	91	793329	53.300	ug/l	95
79) 2-Chlorotoluene	13.004	91	494450	50.576	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	594578	52.842	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	64729	48.925	ug/l	91
82) 4-Chlorotoluene	13.098	91	479140	52.649	ug/l	93
83) tert-Butylbenzene	13.316	119	511699	51.795	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	580409	53.314	ug/l	93
85) sec-Butylbenzene	13.498	105	700249	54.368	ug/l	96
86) p-Isopropyltoluene	13.610	119	565209	56.288	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	265399	51.323	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	261506	52.001	ug/l	96
89) n-Butylbenzene	13.939	91	429517	55.845	ug/l	98
90) Hexachloroethane	14.204	117	103725	47.585	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	260481	51.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44107	47.202	ug/l	78
93) 1,2,4-Trichlorobenzene	15.257	180	112637	47.911	ug/l	98
94) Hexachlorobutadiene	15.362	225	70764	51.812	ug/l	98
95) Naphthalene	15.498	128	327112	42.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	110066	47.039	ug/l	97

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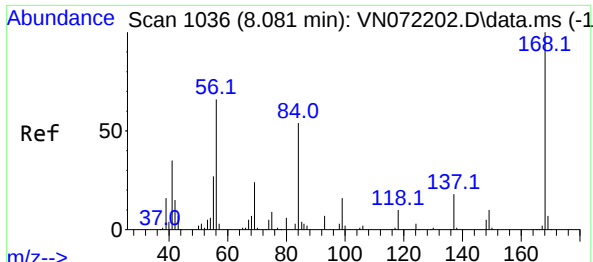
Manual Integrations
APPROVED

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Quant Time: Apr 28 14:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

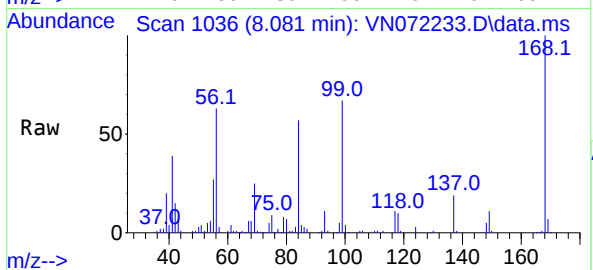
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

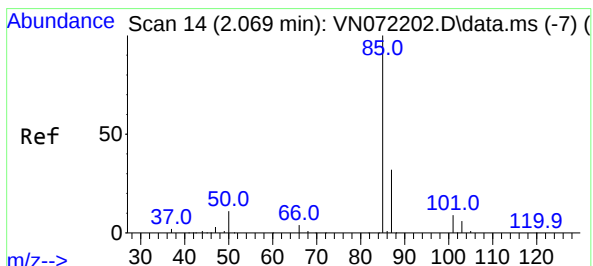
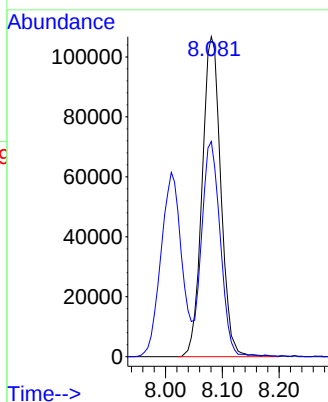
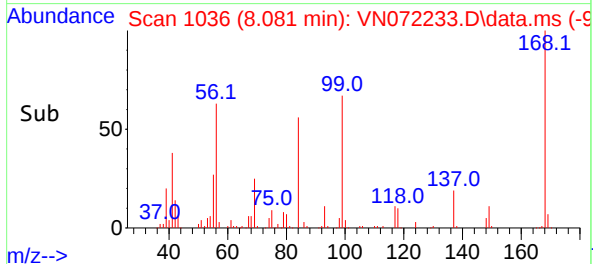
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 243350
Ion Ratio Lower Upper
168 100
99 67.0 42.3 63.5

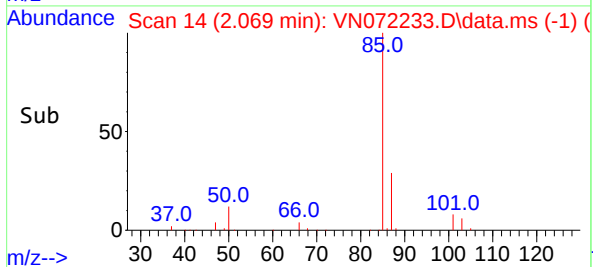
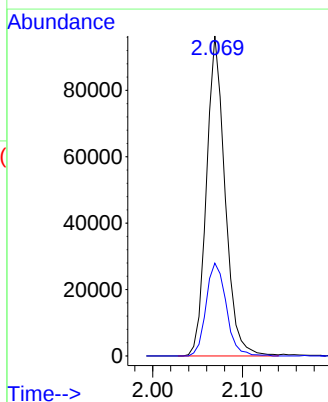
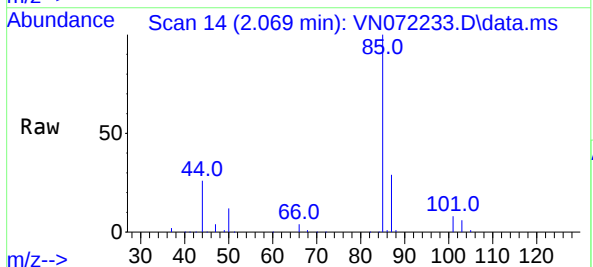
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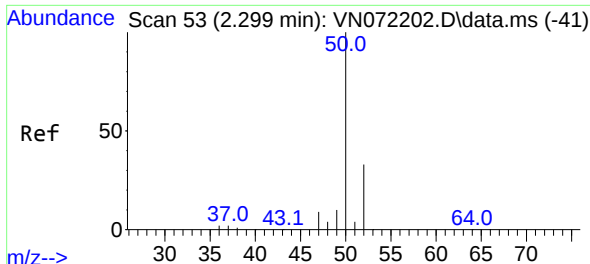
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#2
Dichlorodifluoromethane
Concen: 50.762 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

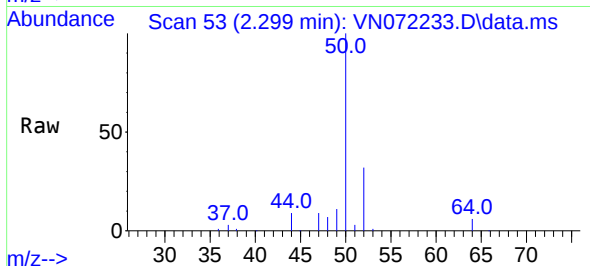
Tgt Ion: 85 Resp: 138448
Ion Ratio Lower Upper
85 100
87 29.0 15.7 47.1





#3
Chloromethane
Concen: 44.239 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

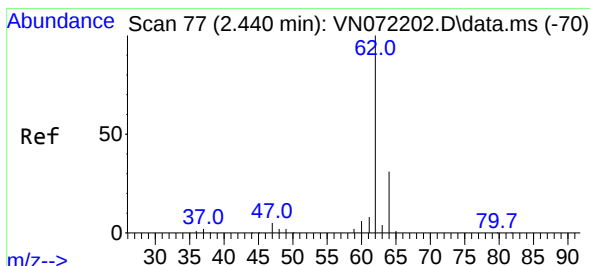
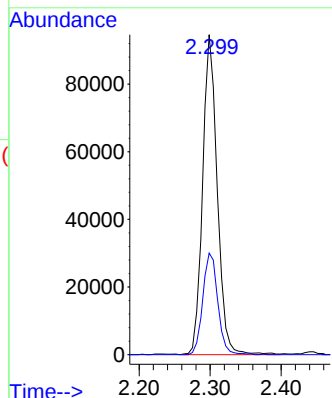
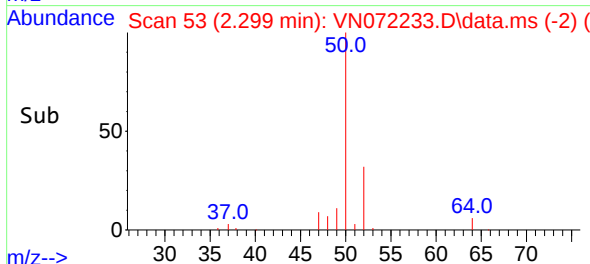
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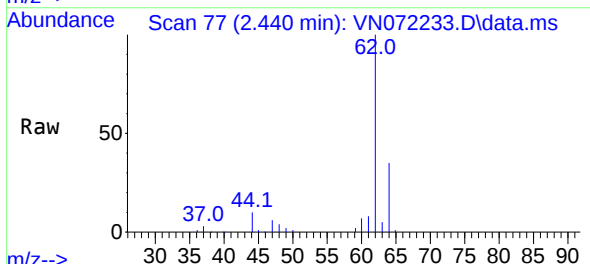
Tgt Ion: 50 Resp: 135680
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

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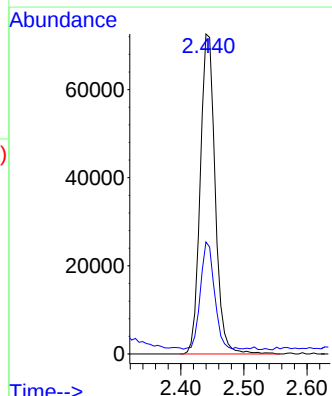
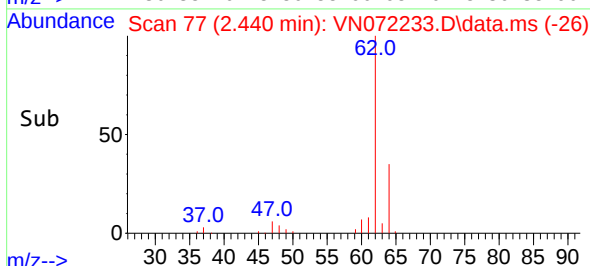
Reviewed By :John Carlone 04/29/2022
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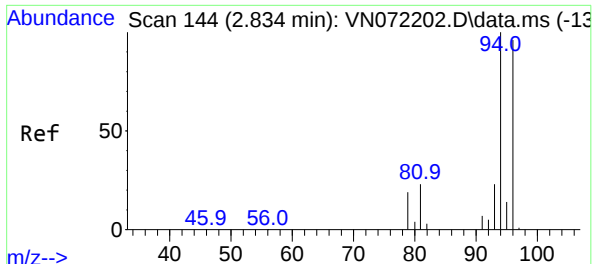


#4
Vinyl Chloride
Concen: 43.610 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



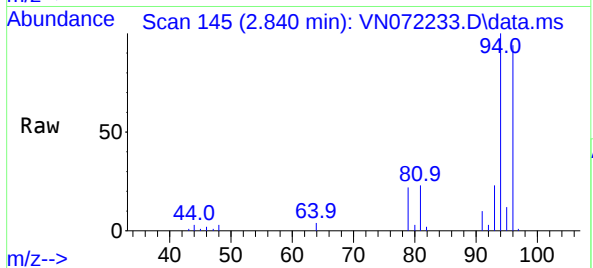
Tgt Ion: 62 Resp: 119469
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.4





#5
Bromomethane
Concen: 51.023 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

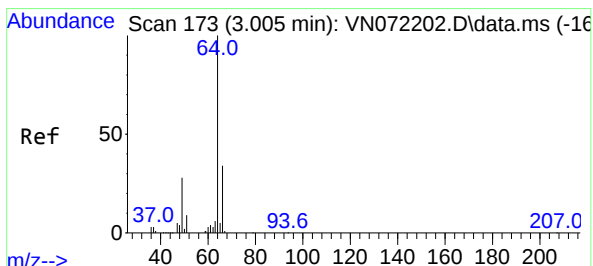
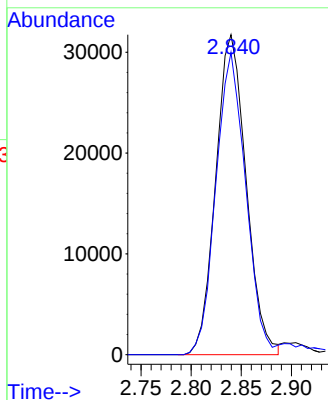
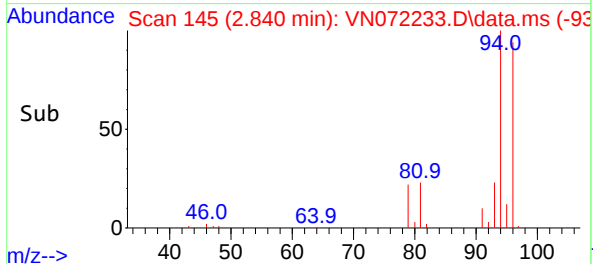
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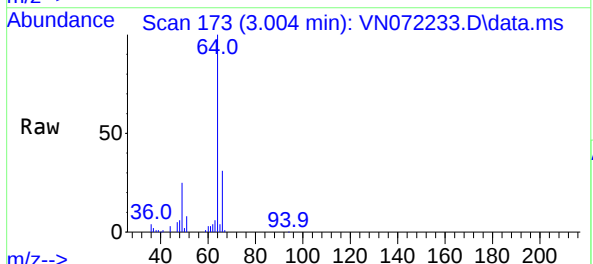
Tgt Ion: 94 Resp: 66849
Ion Ratio Lower Upper
94 100
96 94.5 76.0 114.0

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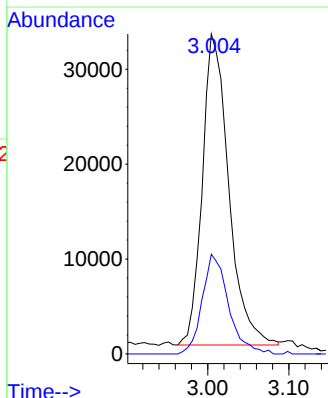
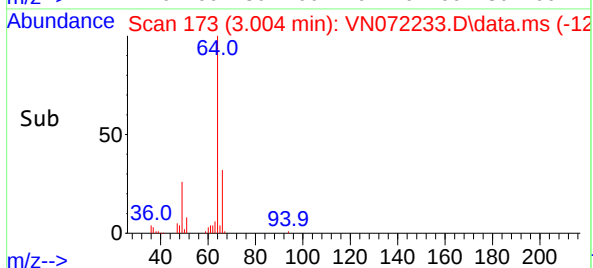
Reviewed By :John Carlone 04/29/2022
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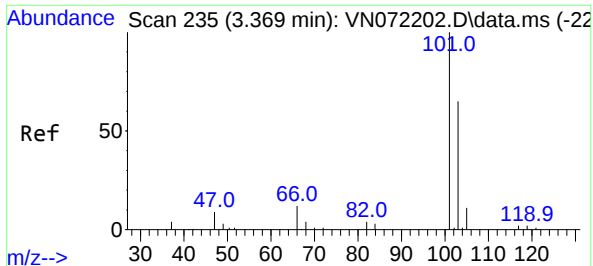


#6
Chloroethane
Concen: 47.848 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



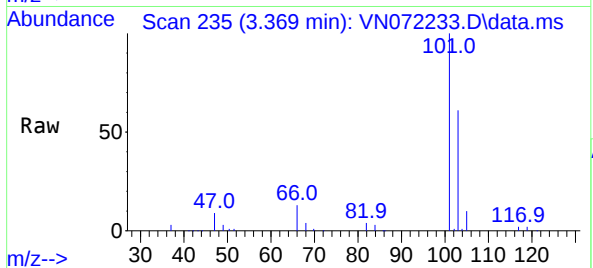
Tgt Ion: 64 Resp: 74201
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.956 ug/l
RT: 3.369 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

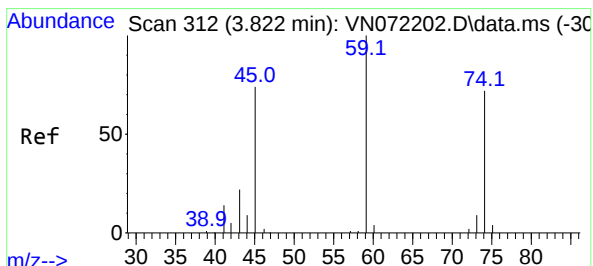
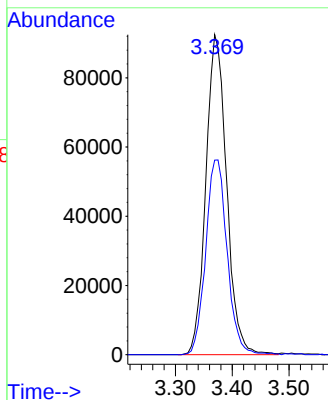
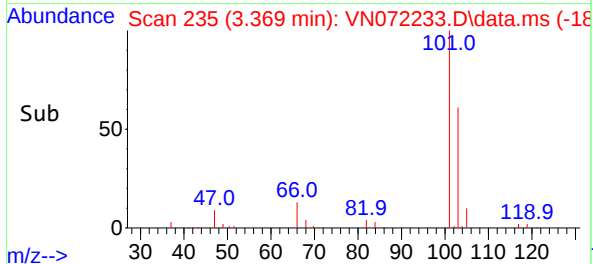
Instrument :
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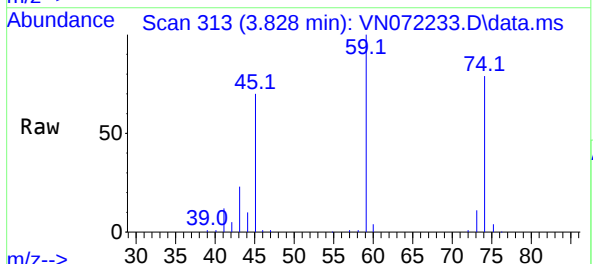
Tgt Ion:101 Resp: 23430
Ion Ratio Lower Upper
101 100
103 60.8 51.5 77.3

Manual Integrations
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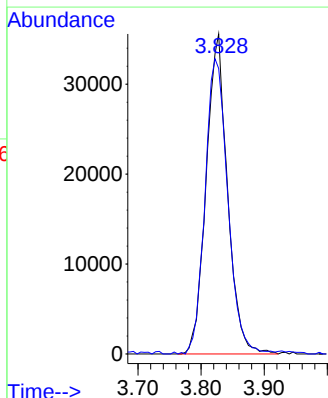
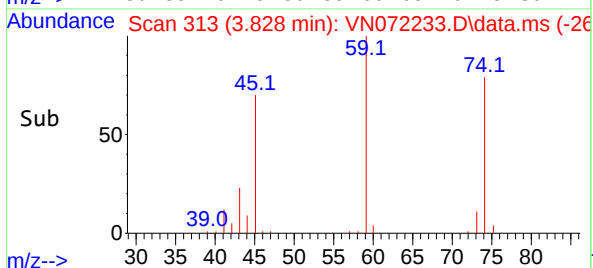
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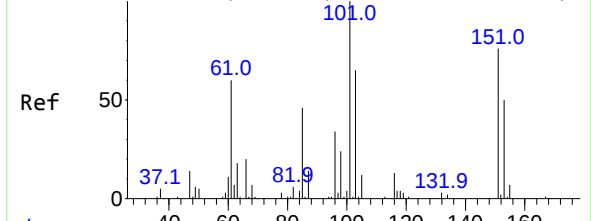
#8
Diethyl Ether
Concen: 48.150 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 74 Resp: 83445
Ion Ratio Lower Upper
74 100
45 98.8 42.9 128.5

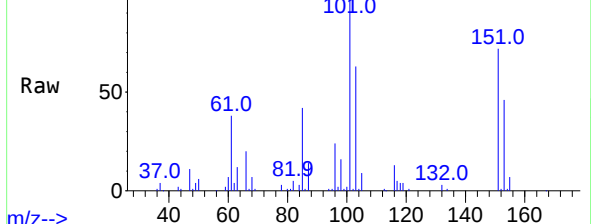


Abundance Scan 378 (4.210 min): VN072202.D\data.ms (-36



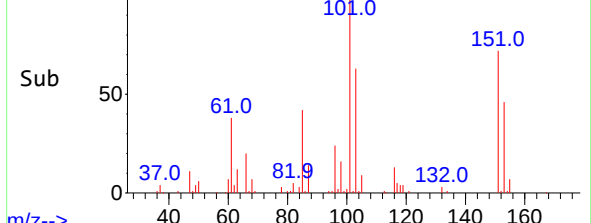
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Abundance Scan 379 (4.216 min): VN072233.D\data.ms



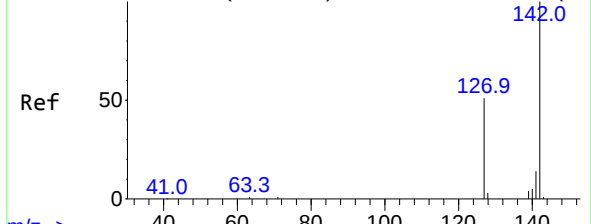
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Abundance Scan 379 (4.216 min): VN072233.D\data.ms (-32



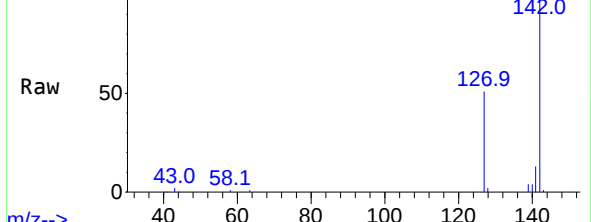
m/z-->

Abundance Scan 414 (4.422 min): VN072202.D\data.ms (-40



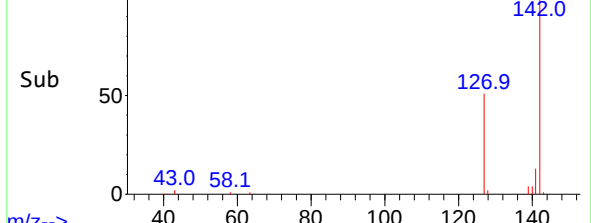
m/z-->

Abundance Scan 414 (4.422 min): VN072233.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN072233.D\data.ms (-36



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.509 ug/l

RT: 4.216 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Tgt Ion:101 Resp: 12446

Ion Ratio Lower Upper

101 100

85 45.6 34.7 52.1

151 73.4 63.0 94.4

Instrument :

MSVOA_N

ClientSampleId :

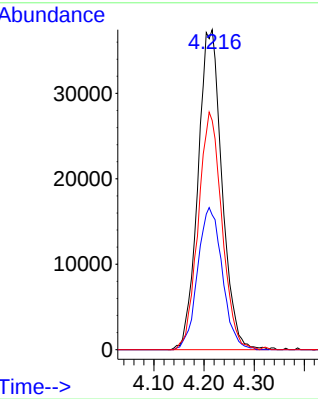
VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#10

Methyl Iodide

Concen: 48.722 ug/l

RT: 4.422 min Scan# 414

Delta R.T. -0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

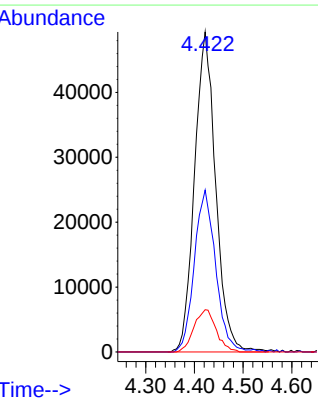
Tgt Ion:142 Resp: 148679

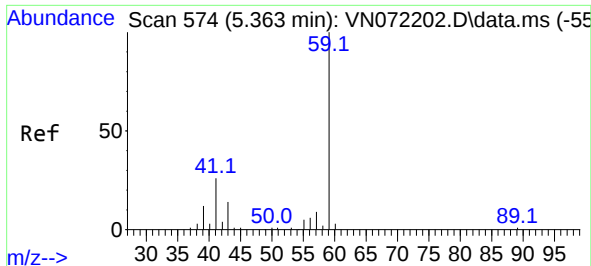
Ion Ratio Lower Upper

142 100

127 51.0 31.3 46.9#

141 13.8 11.2 16.8





#11

Tert butyl alcohol

Concen: 222.384 ug/l

RT: 5.357 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 13653

Ion Ratio Lower Upper

59 100

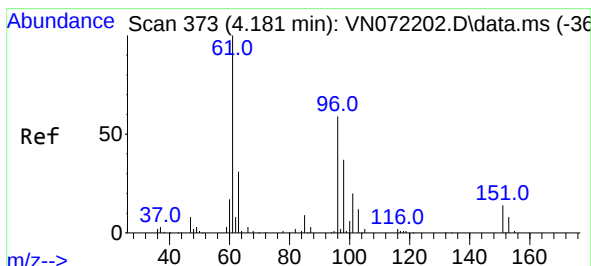
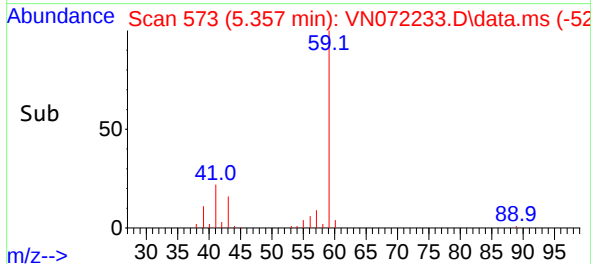
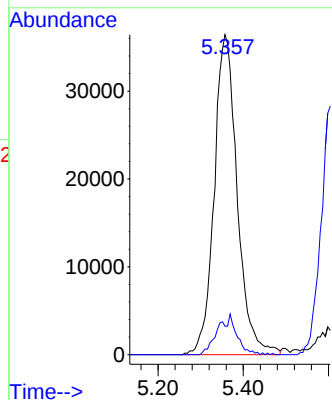
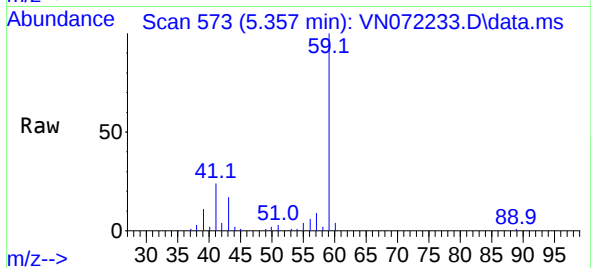
57 6.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#12

1,1-Dichloroethene

Concen: 47.150 ug/l

RT: 4.181 min Scan# 373

Delta R.T. -0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

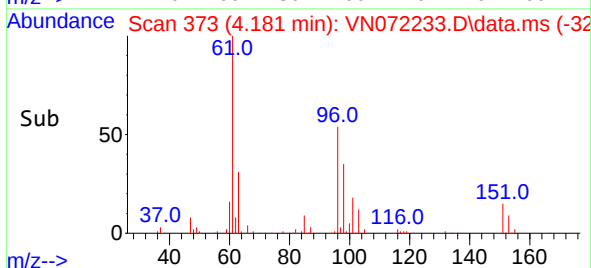
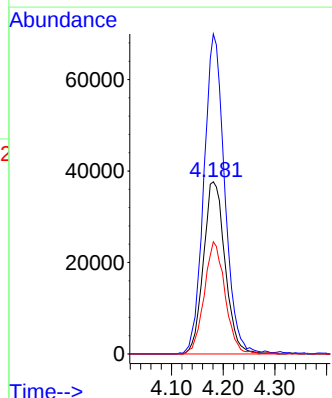
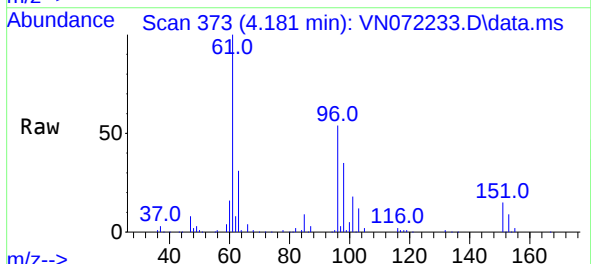
Tgt Ion: 96 Resp: 109586

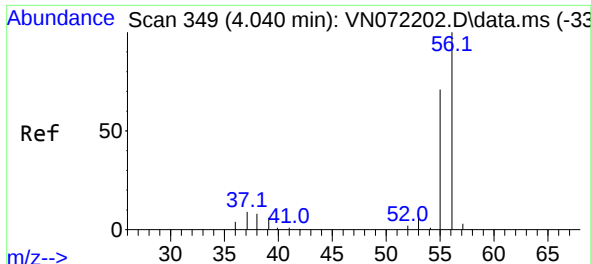
Ion Ratio Lower Upper

96 100

61 185.2 127.6 191.4

98 65.2 51.2 76.8





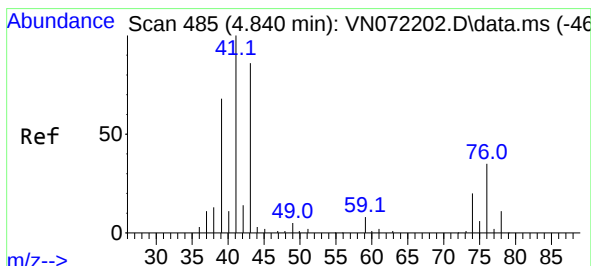
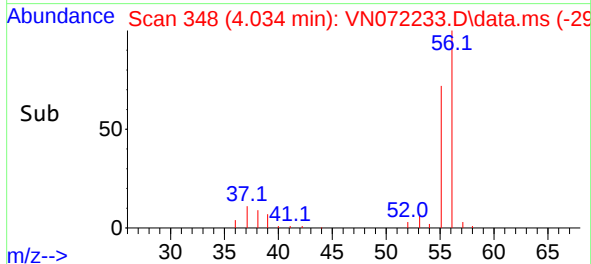
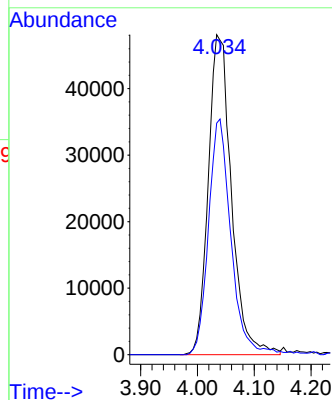
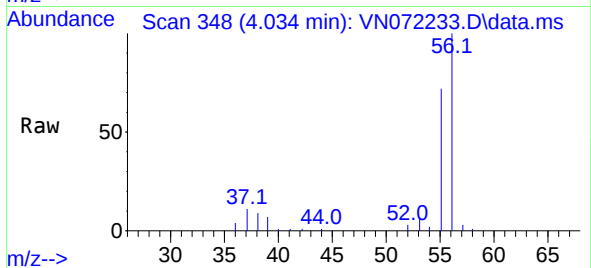
#13
Acrolein
Concen: 220.311 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 136120
Ion Ratio Lower Upper
56 100
55 71.1 54.8 82.2

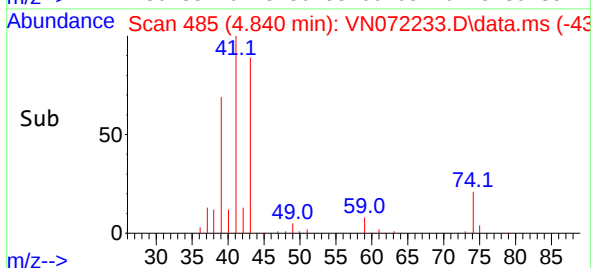
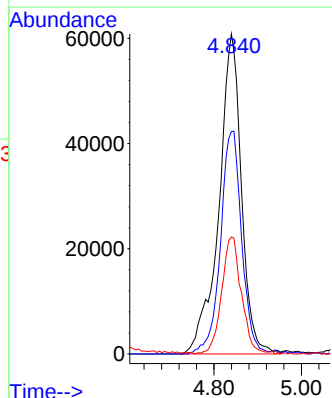
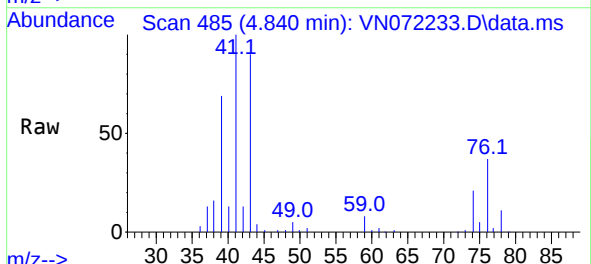
Manual Integrations
APPROVED

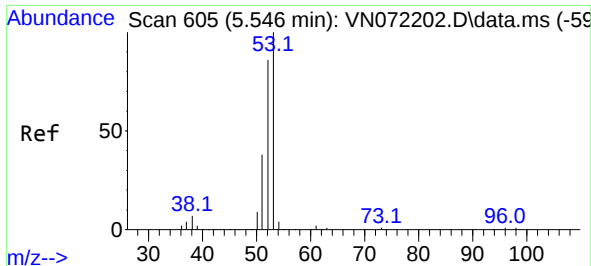
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#14
Allyl chloride
Concen: 45.103 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

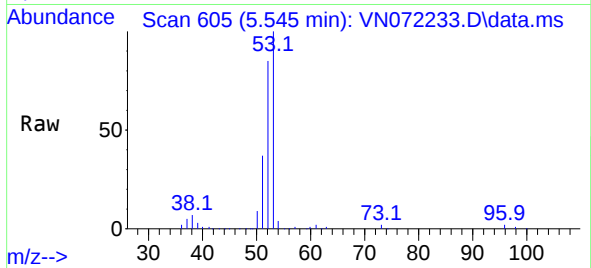
Tgt Ion: 41 Resp: 217656
Ion Ratio Lower Upper
41 100
39 65.2 53.2 79.8
76 32.1 29.9 44.9





#15
Acrylonitrile
Concen: 229.685 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

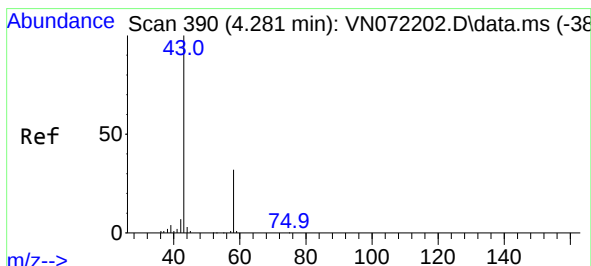
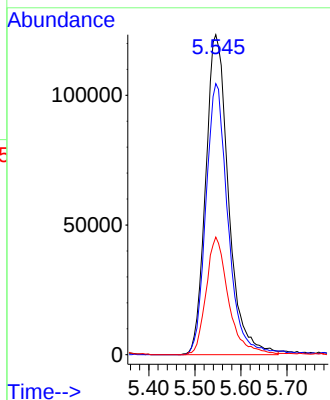
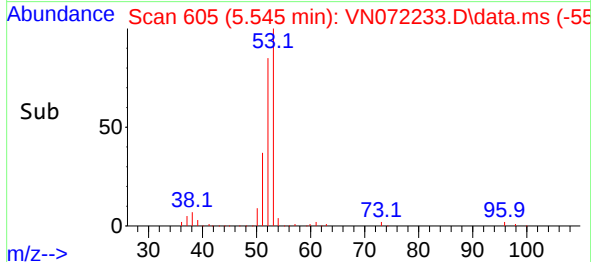
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 425530
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.2 28.5 42.7

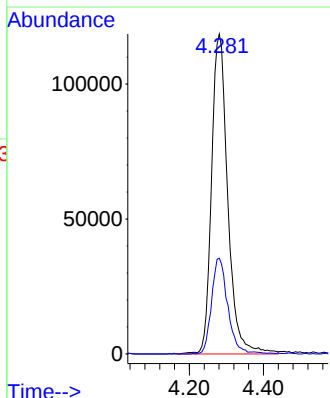
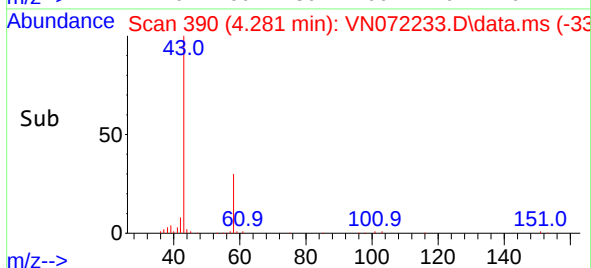
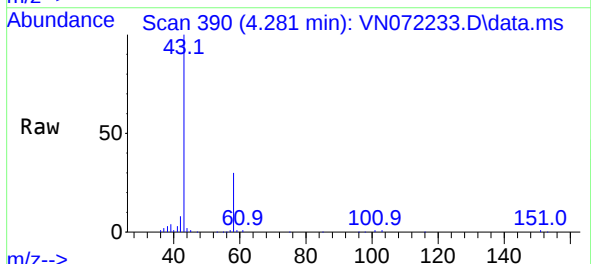
Manual Integrations
APPROVED

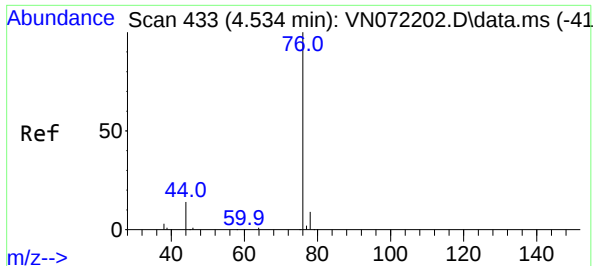
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#16
Acetone
Concen: 223.165 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Tgt Ion: 43 Resp: 359458
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0





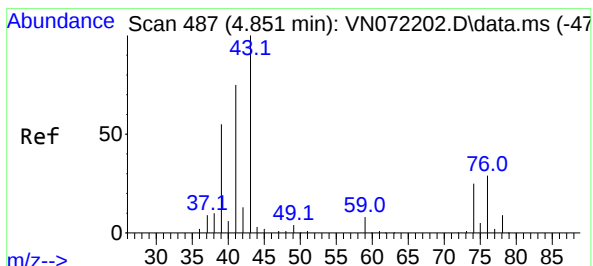
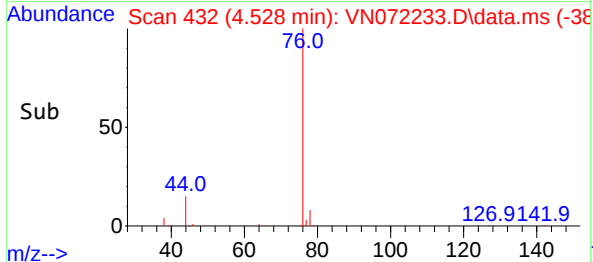
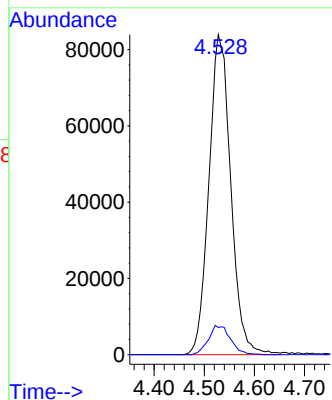
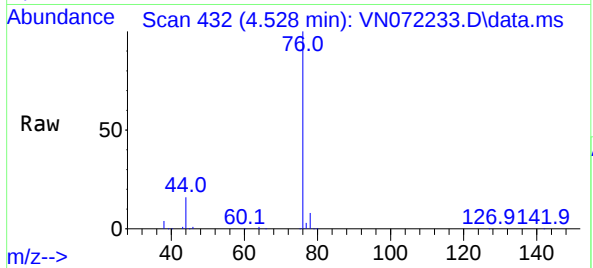
#17
Carbon Disulfide
Concen: 46.524 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25427
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

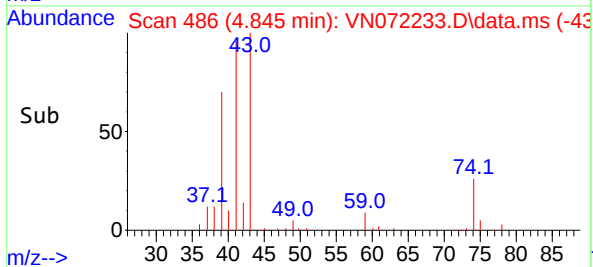
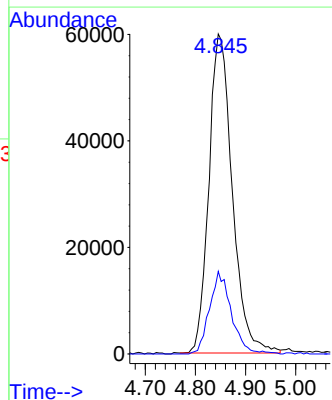
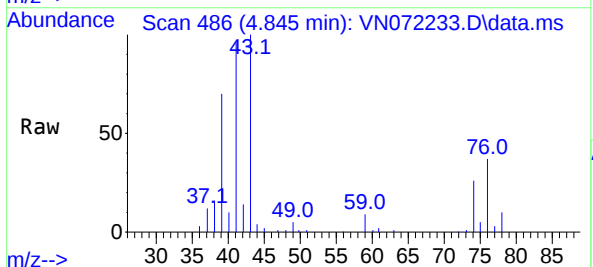
Manual Integrations
APPROVED

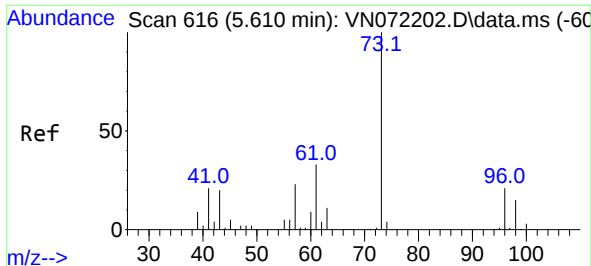
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#18
Methyl Acetate
Concen: 43.158 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

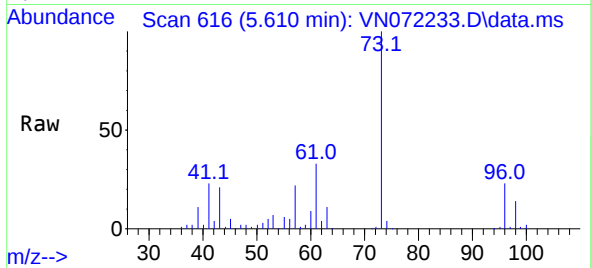
Tgt Ion: 43 Resp: 194359
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.523 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

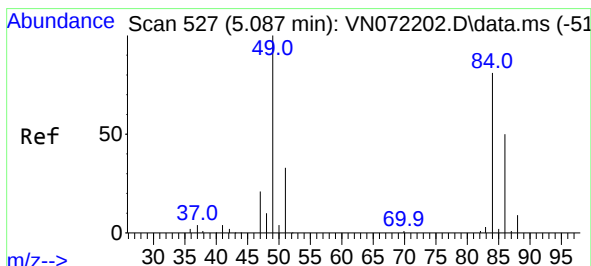
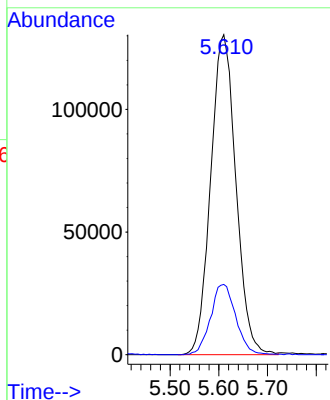
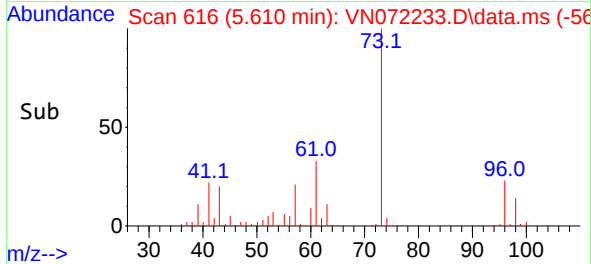
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



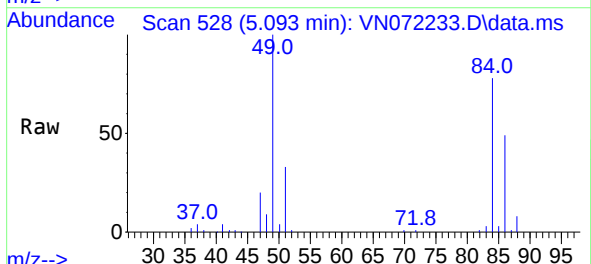
Tgt Ion: 73 Resp: 46940
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

Manual Integrations
APPROVED

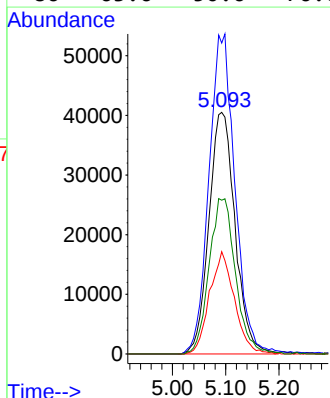
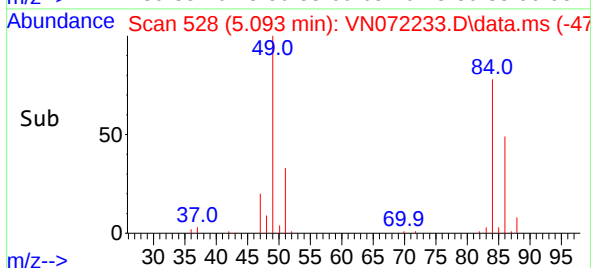
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

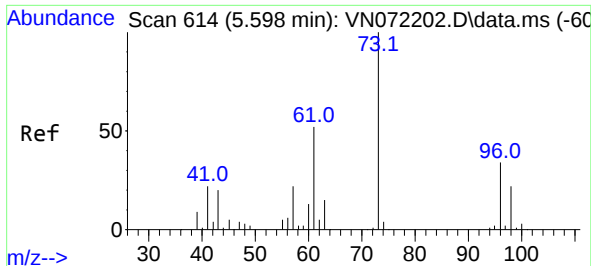


#20
Methylene Chloride
Concen: 44.808 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



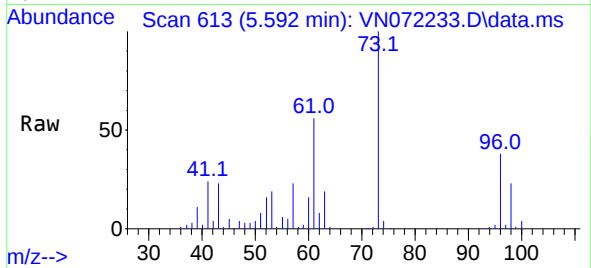
Tgt Ion: 84 Resp: 138343
Ion Ratio Lower Upper
84 100
49 128.7 88.3 132.5
51 42.3 28.2 42.2#
86 63.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

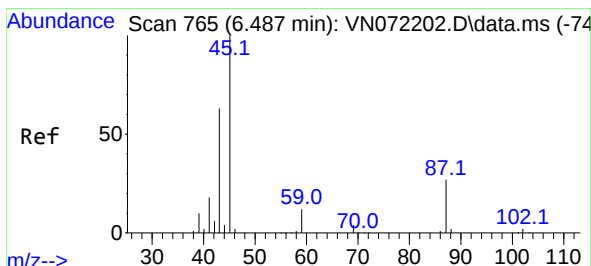
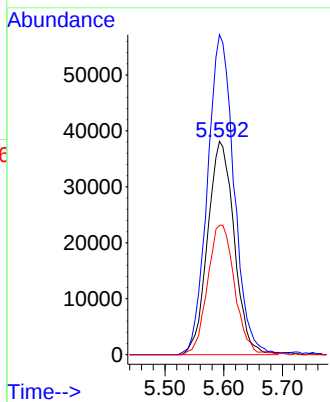
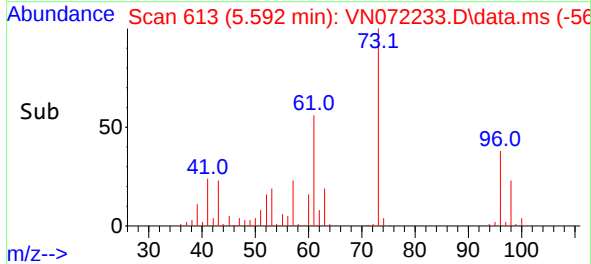
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



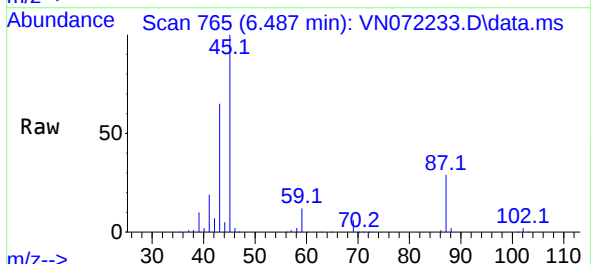
Tgt Ion: 96 Resp: 119724
Ion Ratio Lower Upper
96 100
61 150.1 105.8 158.8
98 60.7 50.3 75.5

Manual Integrations
APPROVED

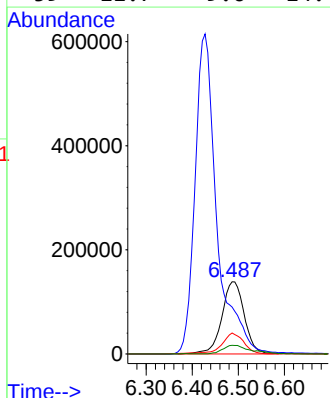
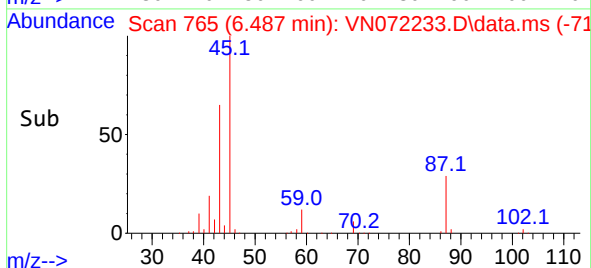
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

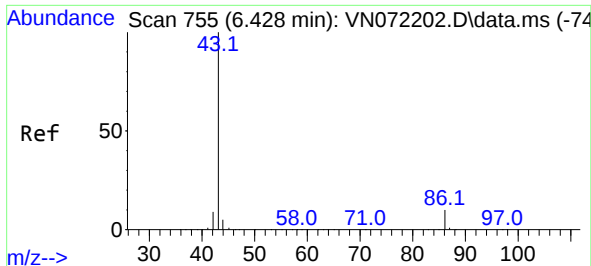


#22
Diisopropyl ether
Concen: 47.101 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 45 Resp: 468184
Ion Ratio Lower Upper
45 100
43 63.1 46.6 70.0
87 29.0 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 243.978 ug/l
 RT: 6.428 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VN072233.D
 Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

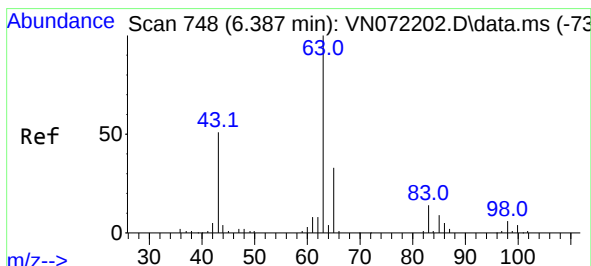
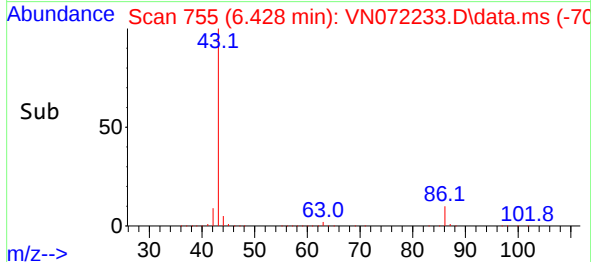
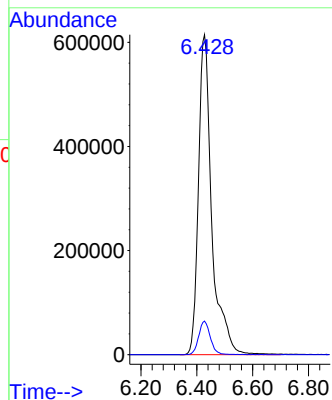
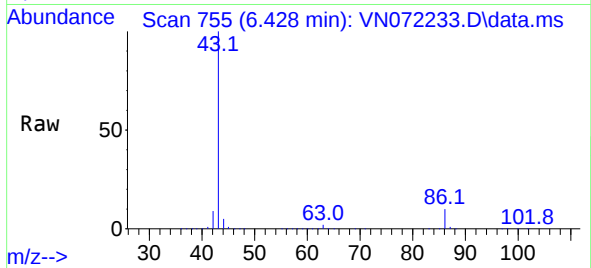
VSTDCCC050

Tgt Ion: 43 Resp: 203675
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.0 15.0

Manual Integrations

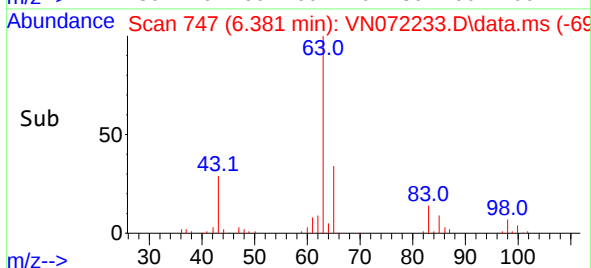
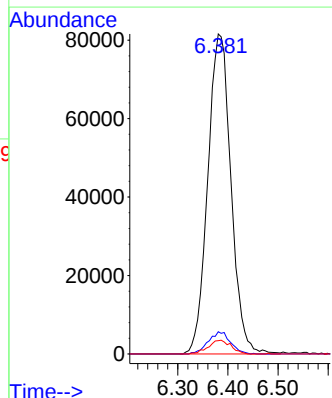
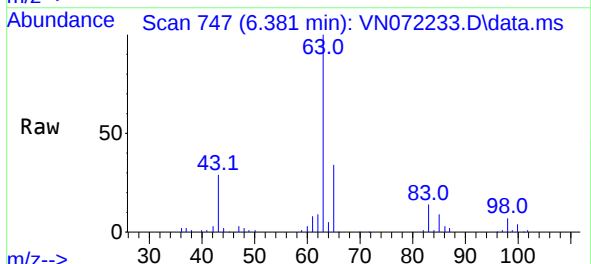
APPROVED

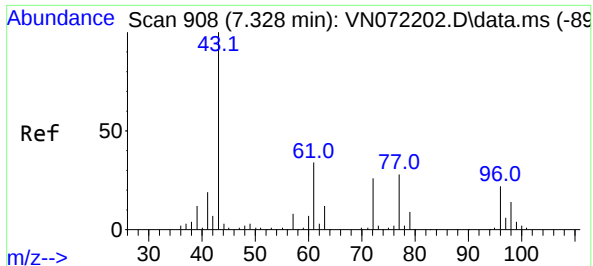
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022



#24
 1,1-Dichloroethane
 Concen: 47.175 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072233.D
 Acq: 28 Apr 2022 12:27

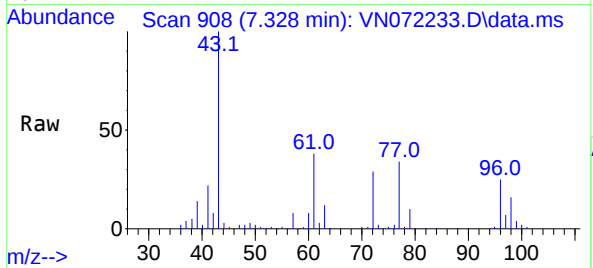
Tgt Ion: 63 Resp: 262295
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 218.194 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

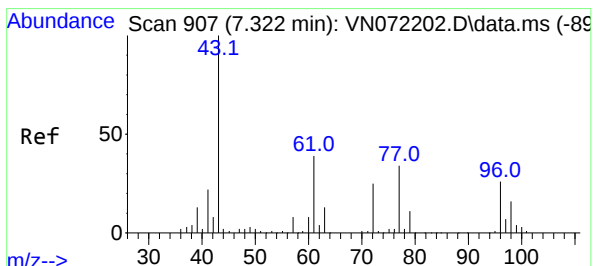
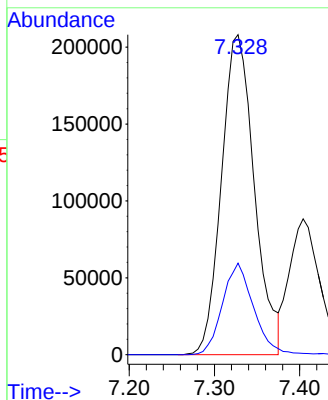
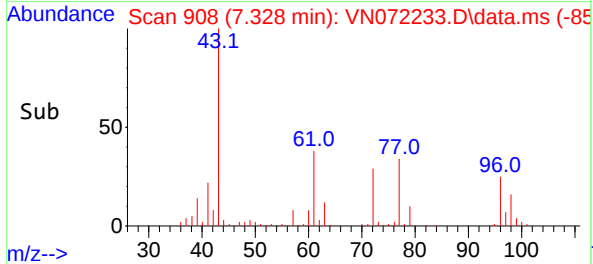
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



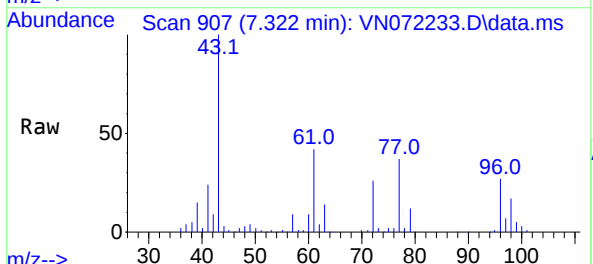
Tgt Ion: 43 Resp: 559709
Ion Ratio Lower Upper
43 100
72 28.6 23.7 35.5

Manual Integrations
APPROVED

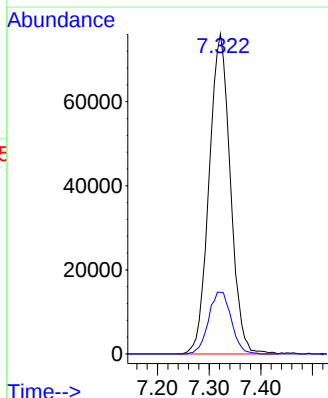
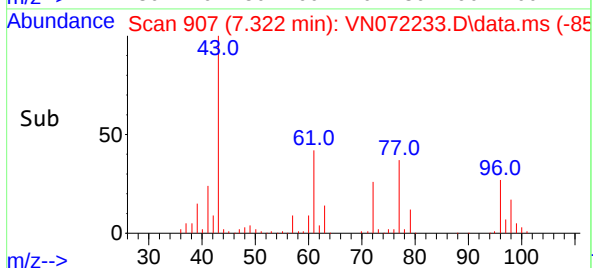
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

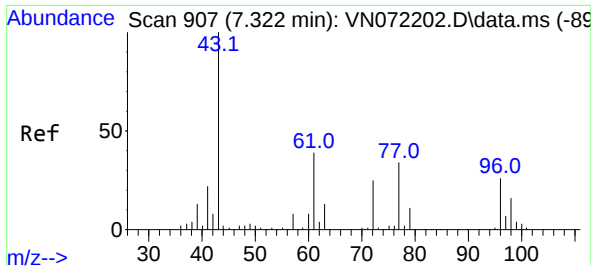


#26
2,2-Dichloropropane
Concen: 50.007 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 77 Resp: 217190
Ion Ratio Lower Upper
77 100
97 20.7 11.4 34.2





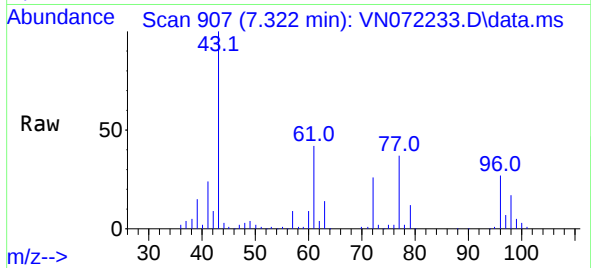
#27
cis-1,2-Dichloroethene
Concen: 47.487 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

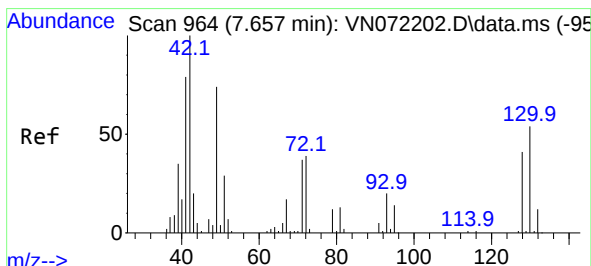
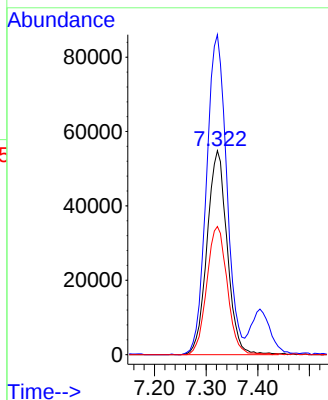
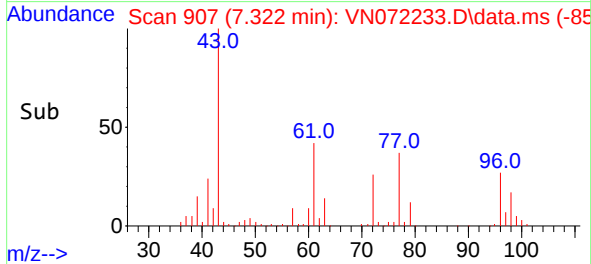


Tgt Ion: 96 Resp: 148368
Ion Ratio Lower Upper
96 100
61 157.9 0.0 280.6
98 64.1 0.0 128.4

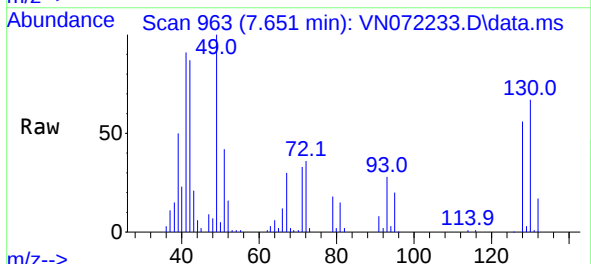
Manual Integrations

APPROVED

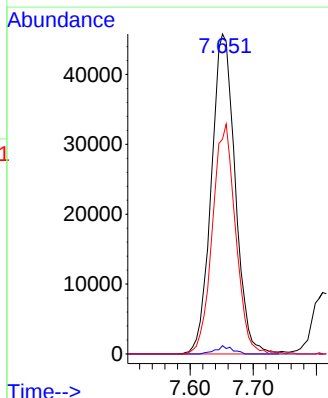
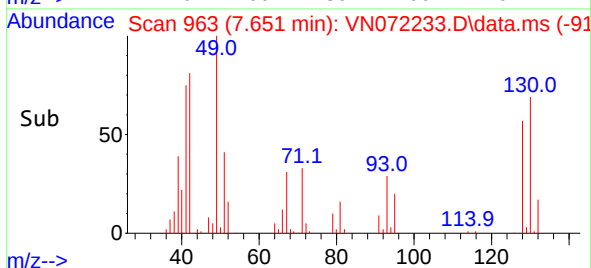
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

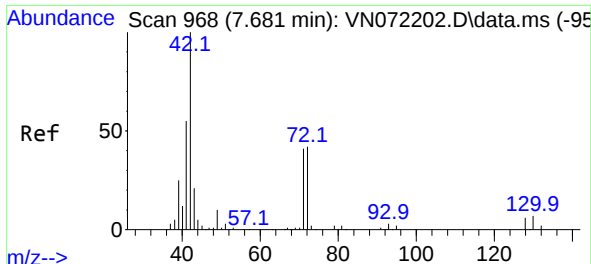


#28
Bromochloromethane
Concen: 48.292 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 49 Resp: 120231
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 69.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 223.982 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 377064

Ion Ratio Lower Upper

42 100

72 42.9 39.7 59.5

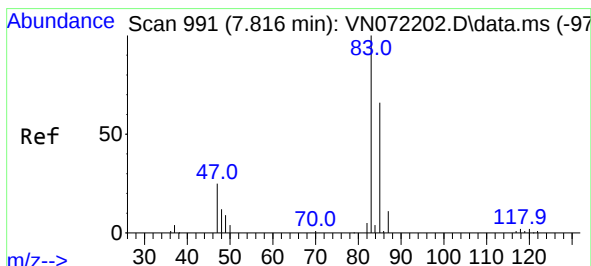
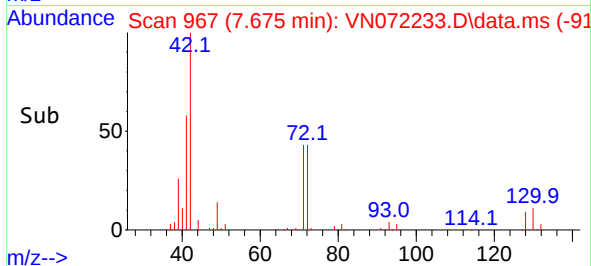
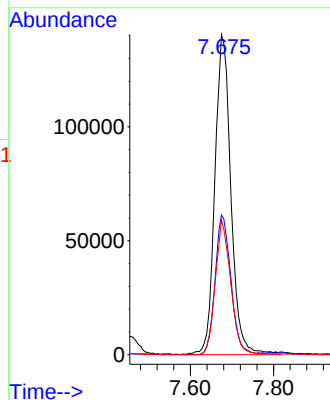
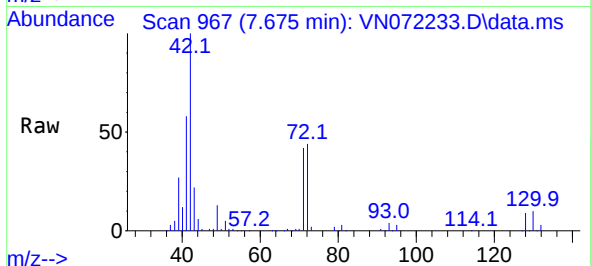
71 40.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#30

Chloroform

Concen: 49.117 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072233.D

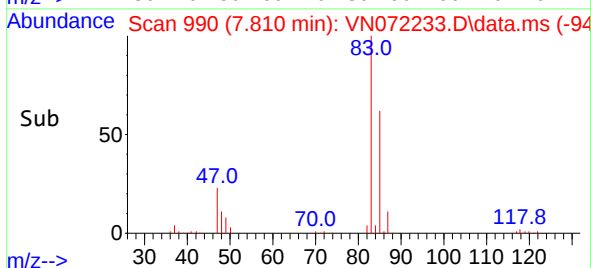
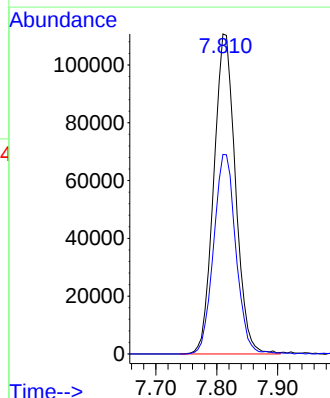
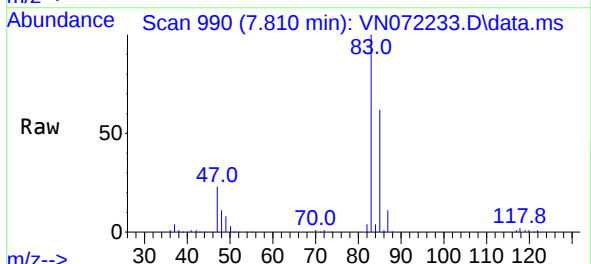
Acq: 28 Apr 2022 12:27

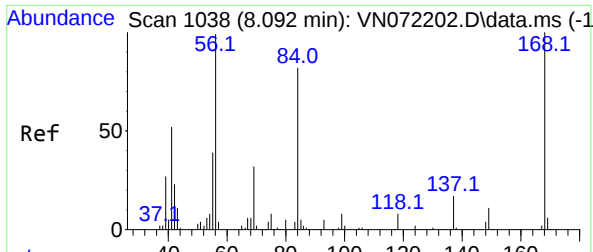
Tgt Ion: 83 Resp: 274199

Ion Ratio Lower Upper

83 100

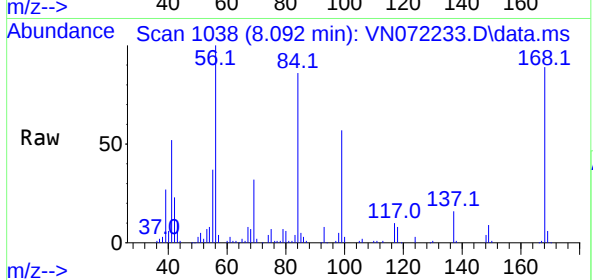
85 62.3 51.8 77.8





#31
Cyclohexane
Concen: 43.307 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

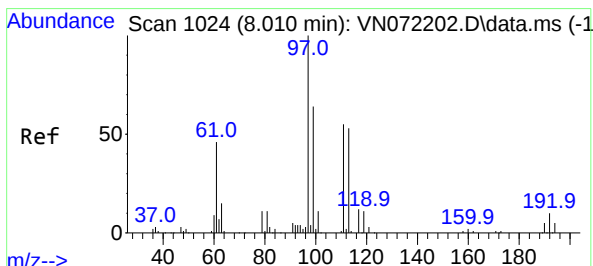
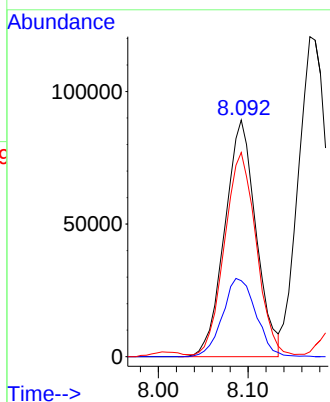
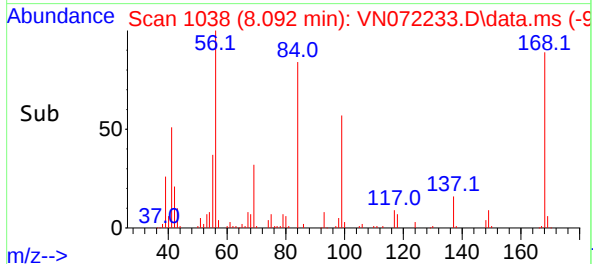
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



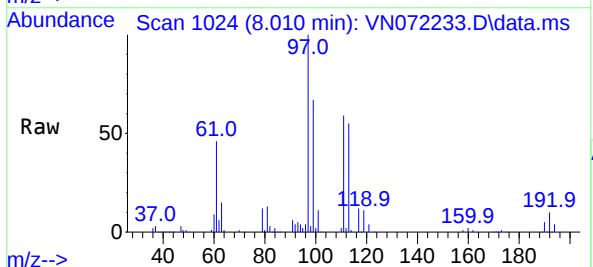
Tgt Ion: 56 Resp: 21618
Ion Ratio Lower Upper
56 100
69 32.1 27.8 41.8
84 84.7 76.9 115.3

Manual Integrations
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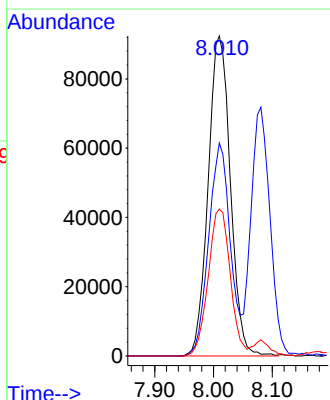
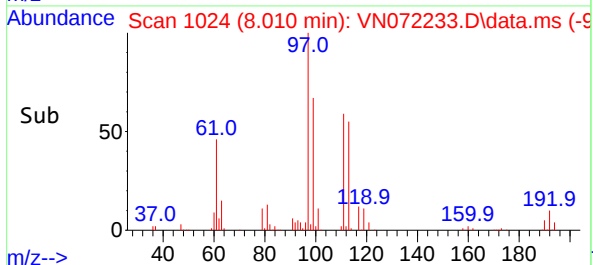
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

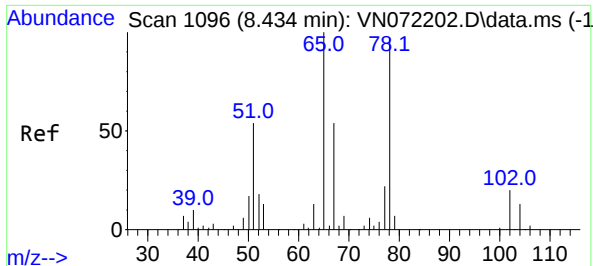


#32
1,1,1-Trichloroethane
Concen: 51.059 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 97 Resp: 242566
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 45.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.741 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19330

Ion Ratio Lower Upper

65 100

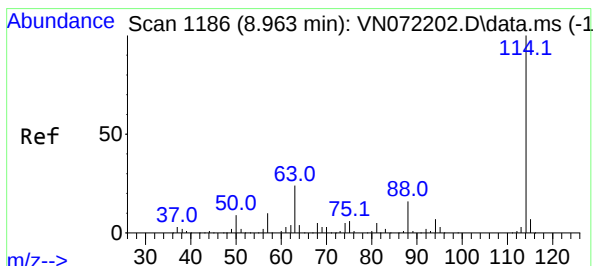
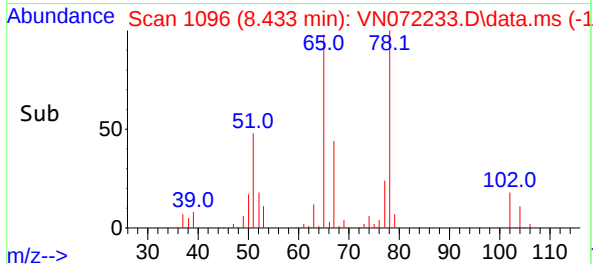
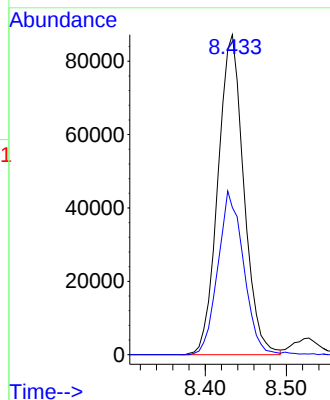
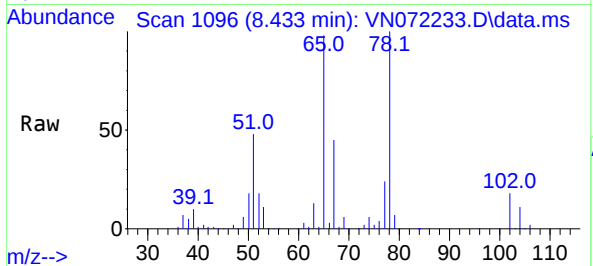
67 50.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

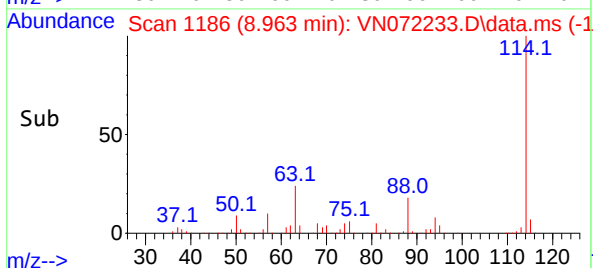
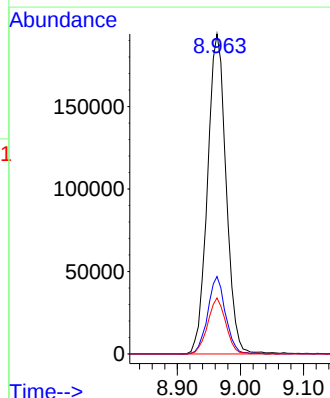
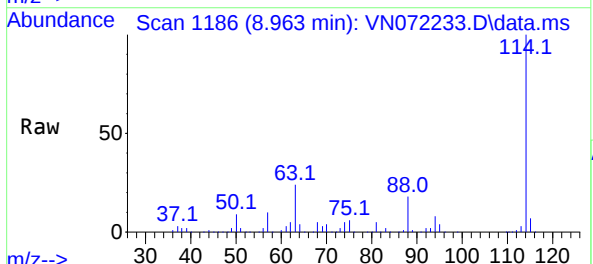
Tgt Ion:114 Resp: 396293

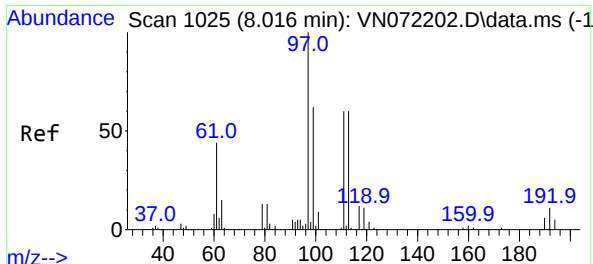
Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.0

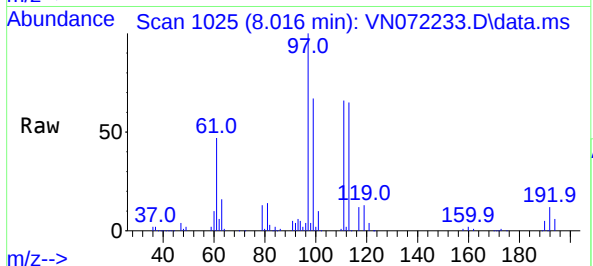
88 17.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.147 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

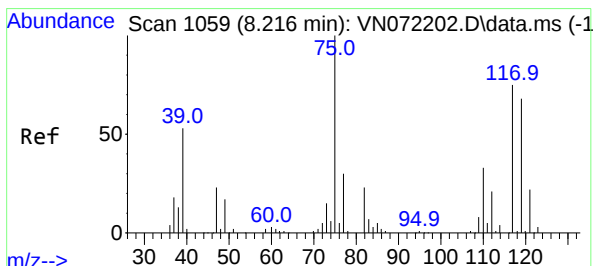
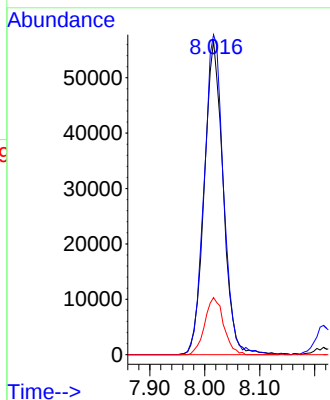
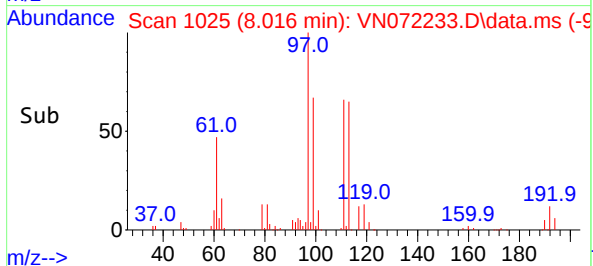
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



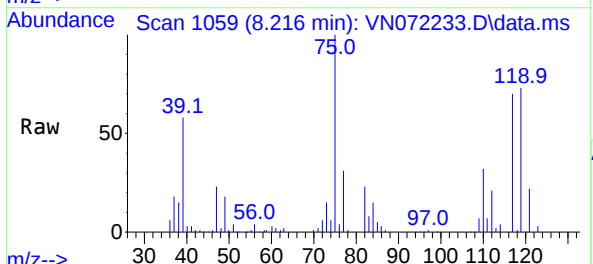
Tgt Ion:113 Resp: 134808
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 18.3 17.0 25.6

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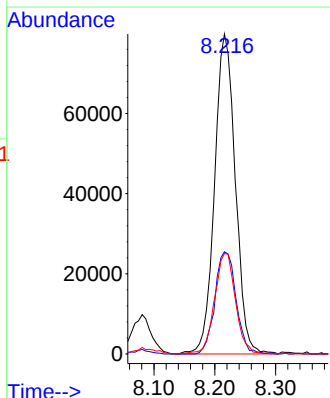
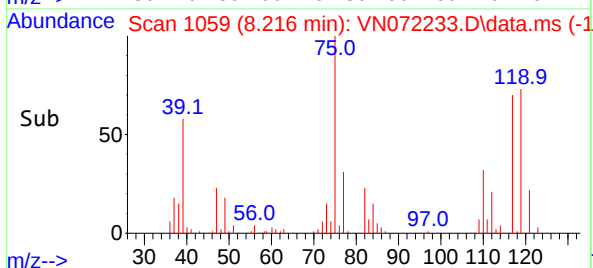
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

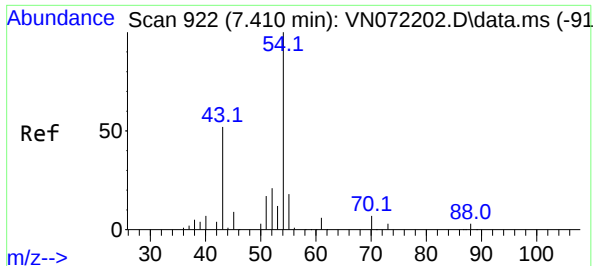


#36
1,1-Dichloropropene
Concen: 51.196 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



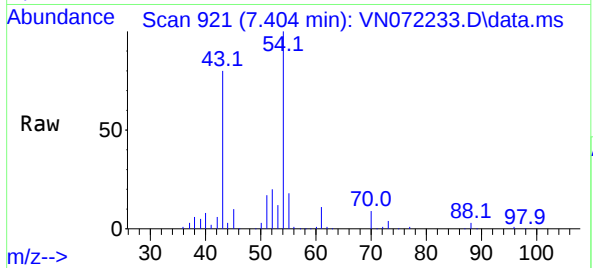
Tgt Ion: 75 Resp: 189019
Ion Ratio Lower Upper
75 100
110 32.5 18.3 54.8
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 45.455 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

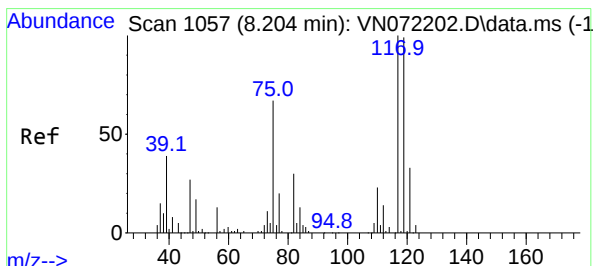
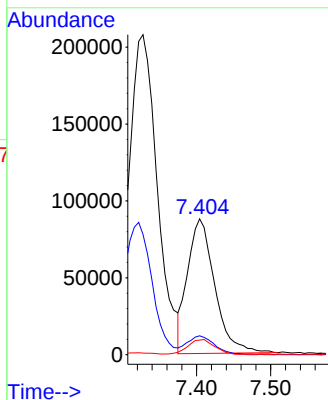
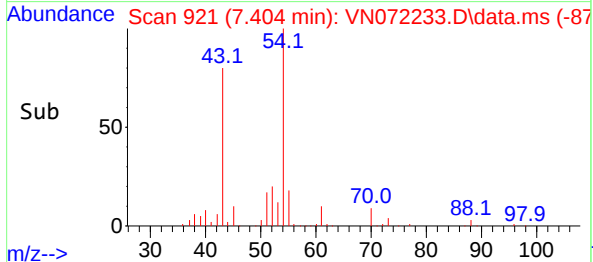
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 222870
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 11.3 9.3 13.9

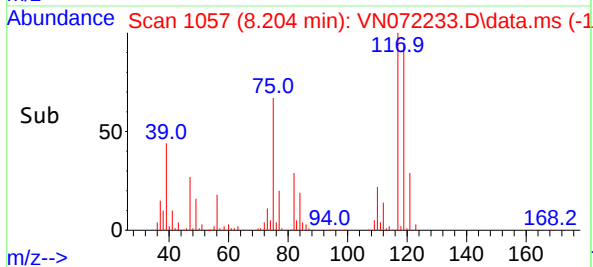
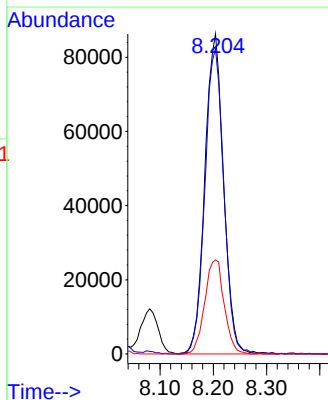
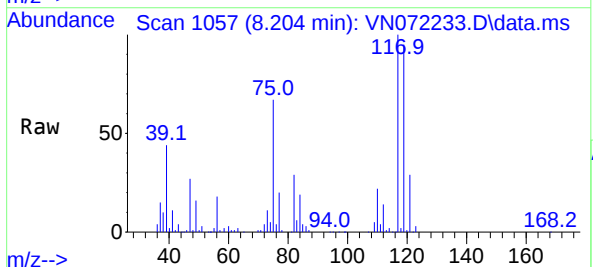
Manual Integrations
APPROVED

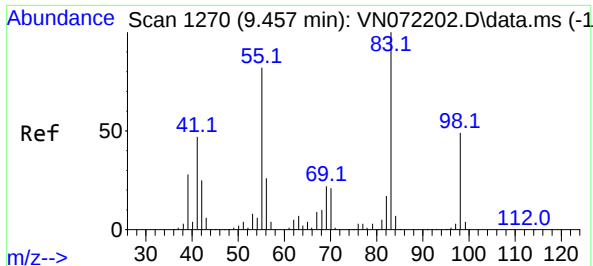
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#38
Carbon Tetrachloride
Concen: 53.253 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Tgt Ion:117 Resp: 210579
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
121 29.4 24.6 37.0





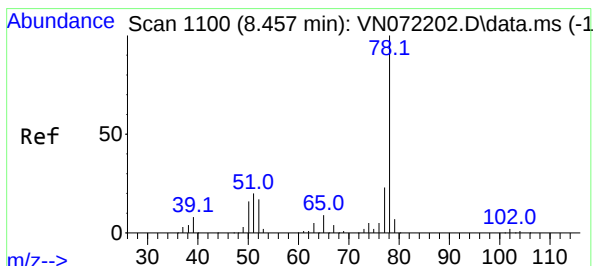
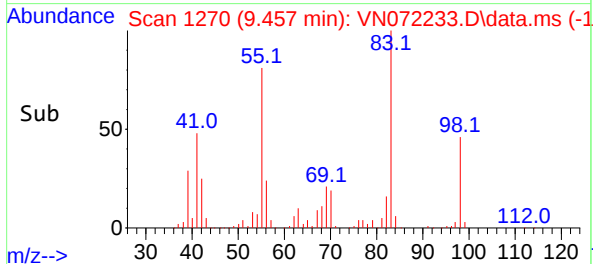
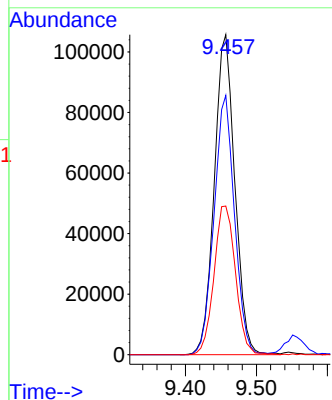
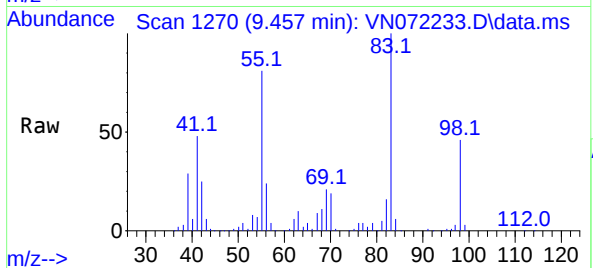
#39
Methylcyclohexane
Concen: 51.467 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21252
Ion Ratio Lower Upper
83 100
55 81.0 57.8 86.8
98 46.4 39.4 59.2

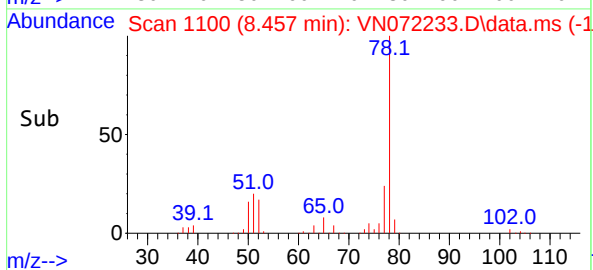
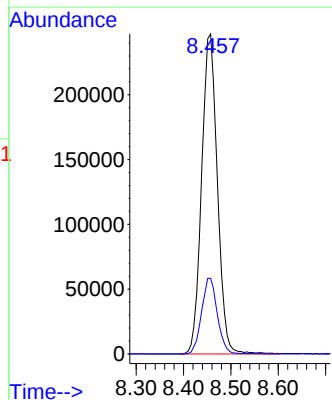
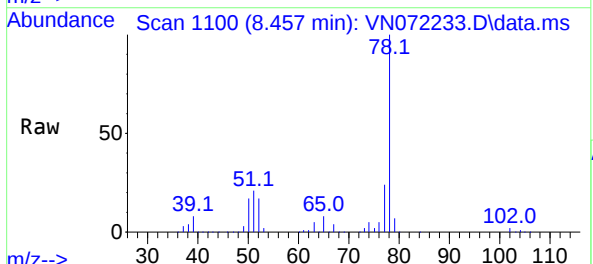
Manual Integrations
APPROVED

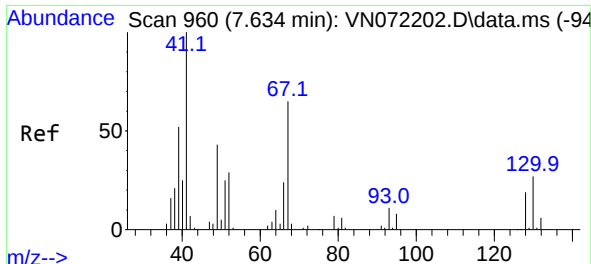
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#40
Benzene
Concen: 49.887 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

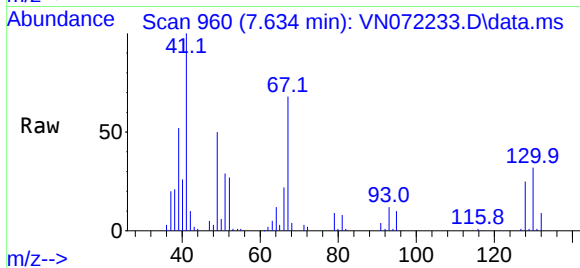
Tgt Ion: 78 Resp: 571309
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 46.018 ug/l
RT: 7.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

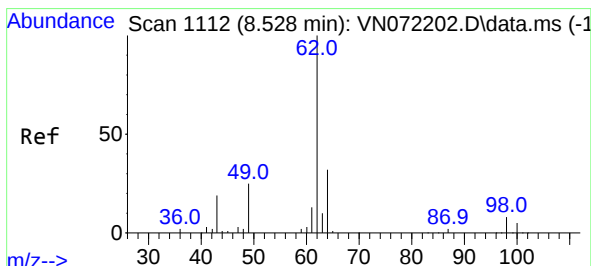
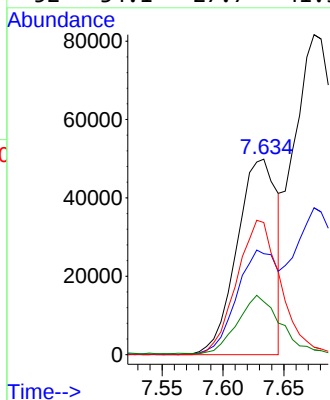
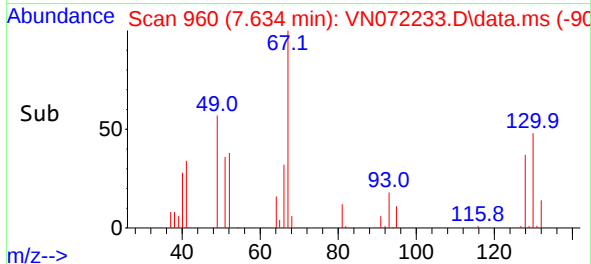
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



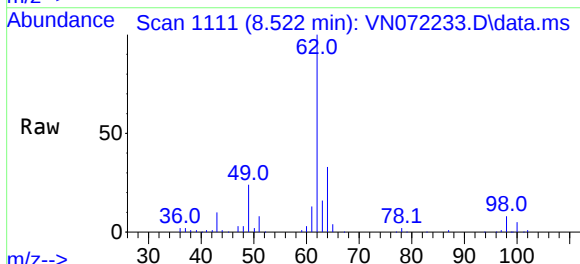
Tgt Ion: 41 Resp: 11414
Ion Ratio Lower Upper
41 100
39 53.8 48.6 73.0
67 77.0 73.4 110.2
52 34.1 27.7 41.5

Manual Integrations
APPROVED

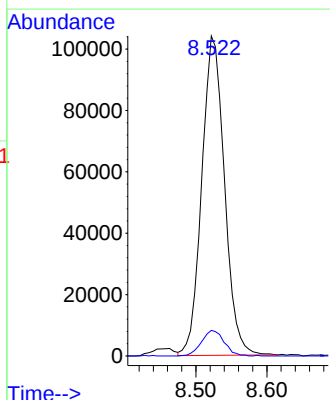
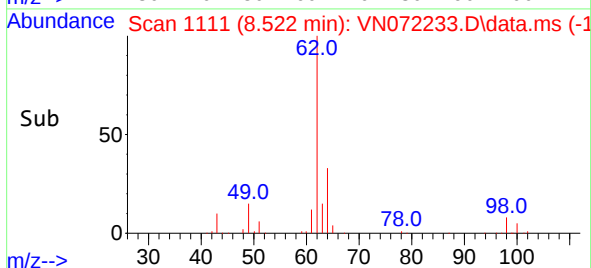
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

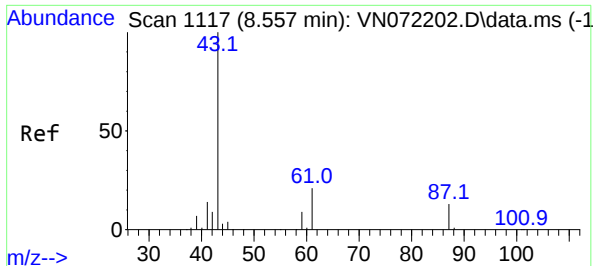


#42
1,2-Dichloroethane
Concen: 52.753 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 62 Resp: 231285
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 46.317 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 356108

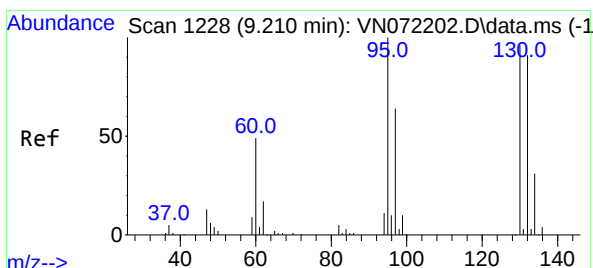
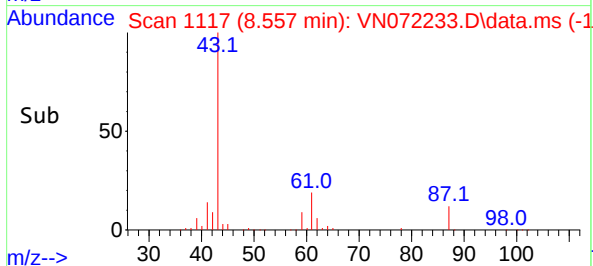
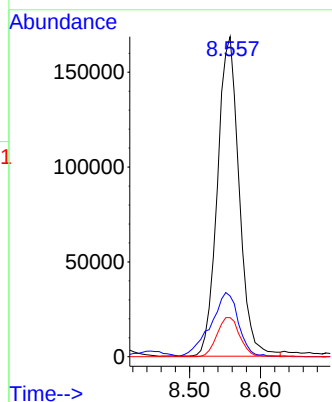
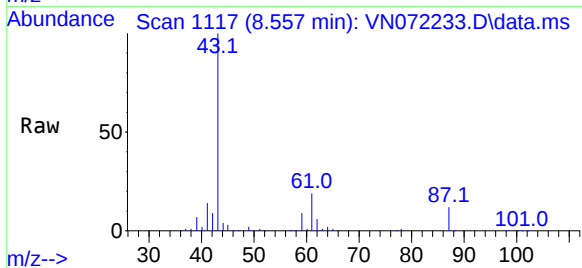
Ion	Ratio	Lower	Upper
43	100		
61	25.4	21.9	32.9
87	12.9	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#44

Trichloroethene

Concen: 49.160 ug/l

RT: 9.210 min Scan# 1228

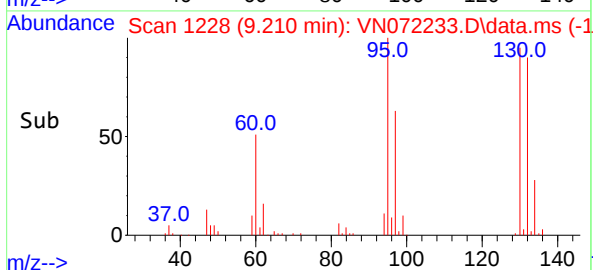
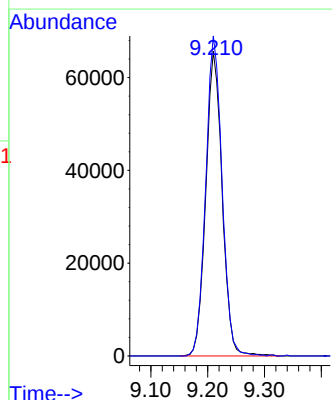
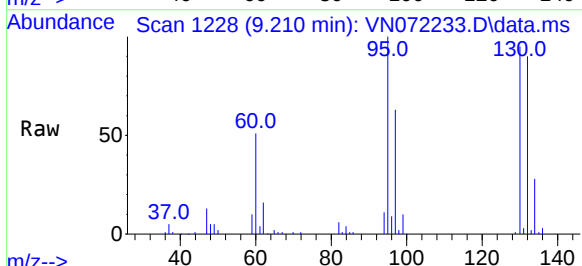
Delta R.T. -0.000 min

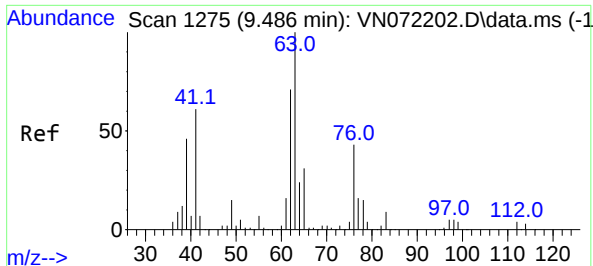
Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Tgt Ion:130 Resp: 130962

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	186.8





#45

1,2-Dichloropropane

Concen: 49.333 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15266

Ion Ratio Lower Upper

63 100

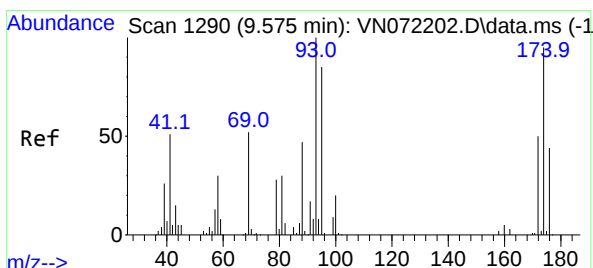
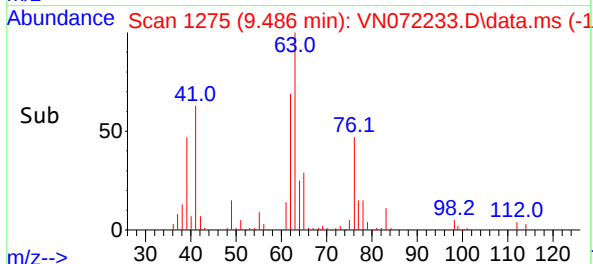
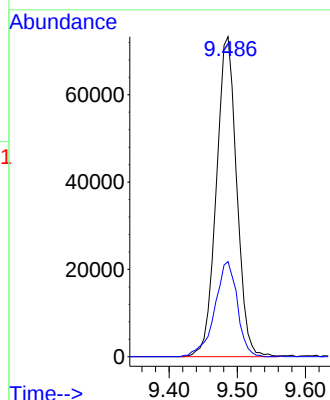
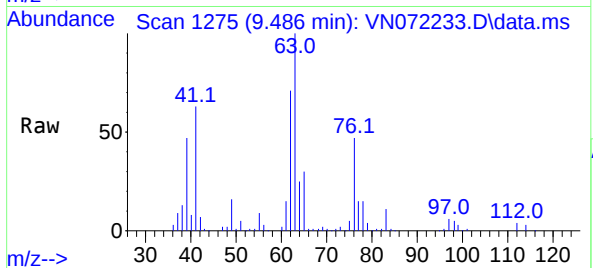
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#46

Dibromomethane

Concen: 52.101 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

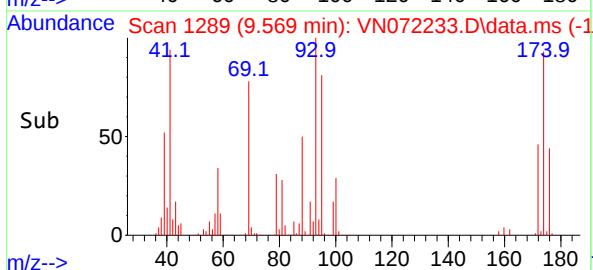
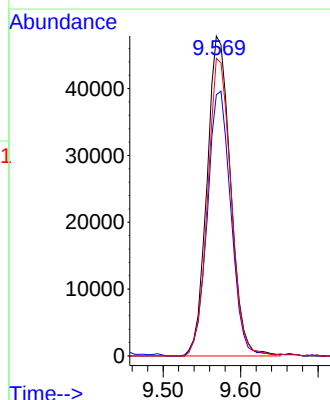
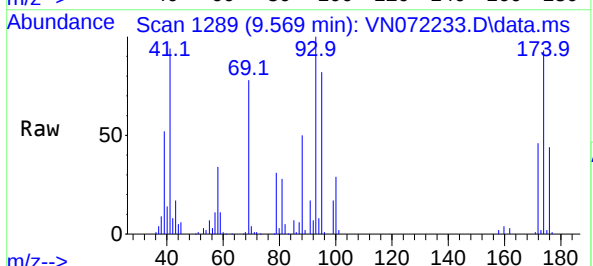
Tgt Ion: 93 Resp: 101000

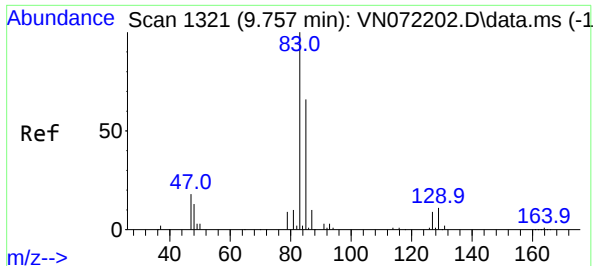
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

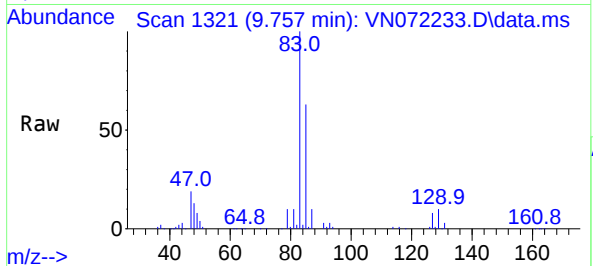
174 92.0 86.6 130.0





#47
Bromodichloromethane
Concen: 54.219 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

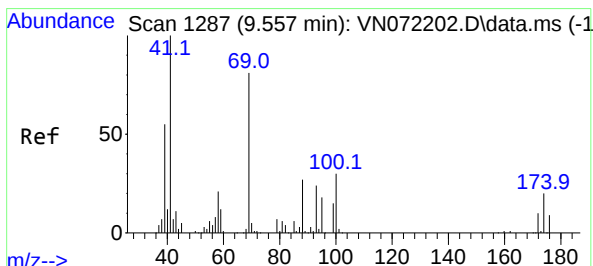
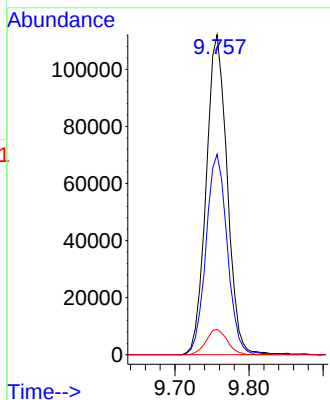
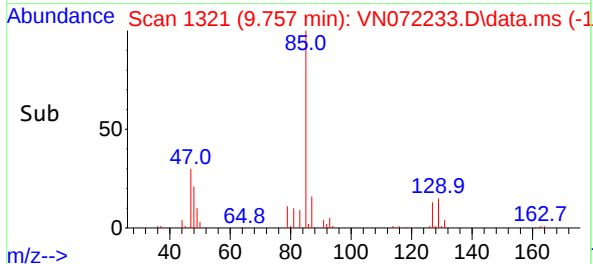
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



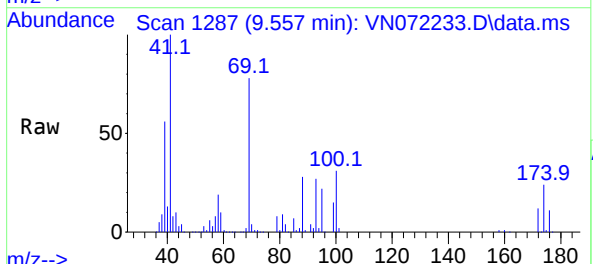
Tgt Ion: 83 Resp: 220538
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 7.9 6.8 10.2

Manual Integrations
APPROVED

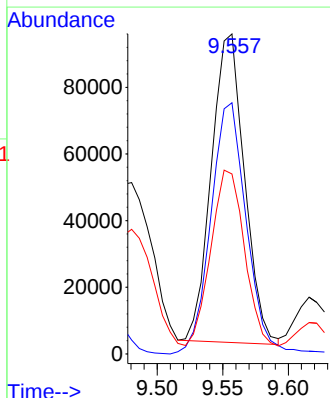
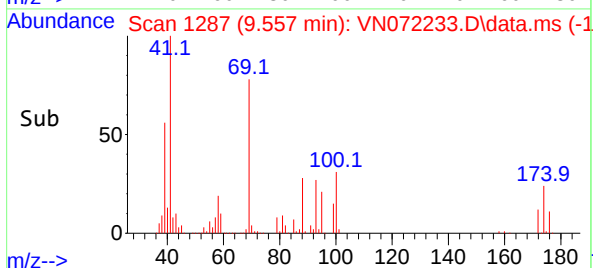
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

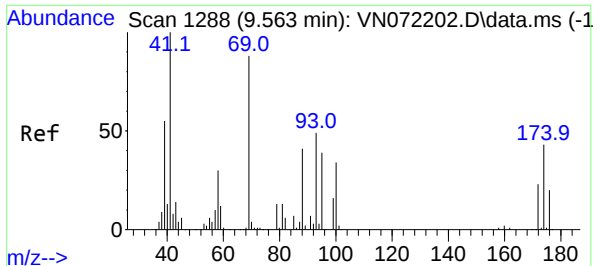


#48
Methyl methacrylate
Concen: 50.122 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



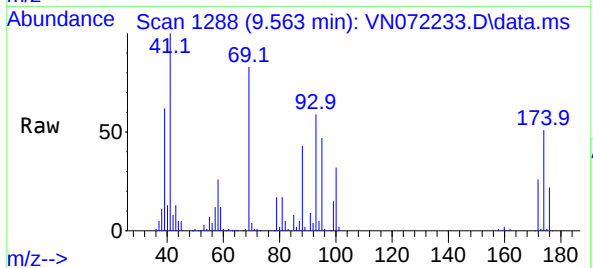
Tgt Ion: 41 Resp: 162332
Ion Ratio Lower Upper
41 100
69 88.3 74.7 112.1
39 63.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1033.242 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

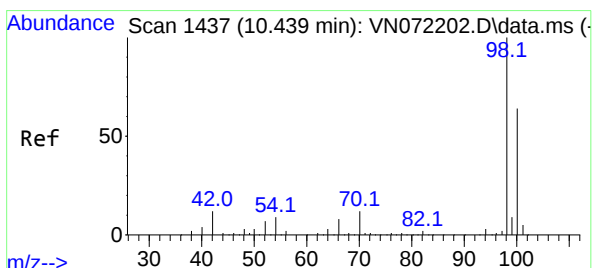
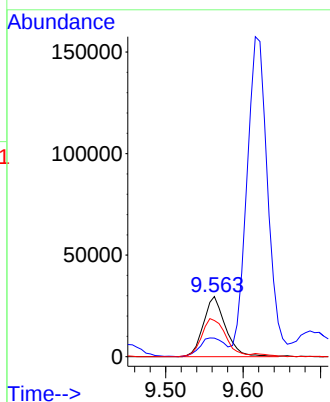
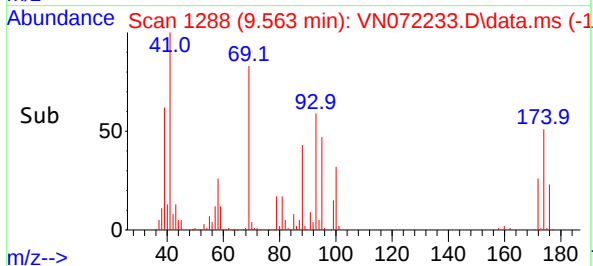
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



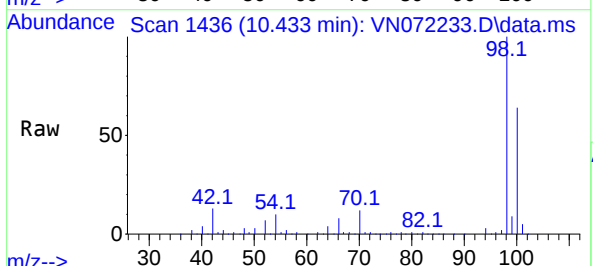
Tgt Ion: 88 Resp: 58784
Ion Ratio Lower Upper
88 100
43 34.5 20.2 30.4
58 69.1 54.2 81.4

Manual Integrations
APPROVED

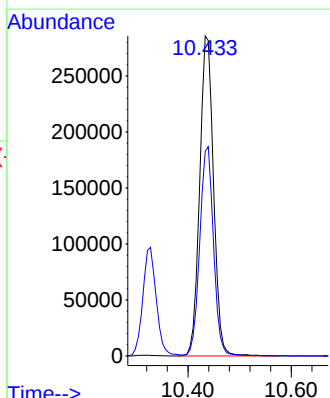
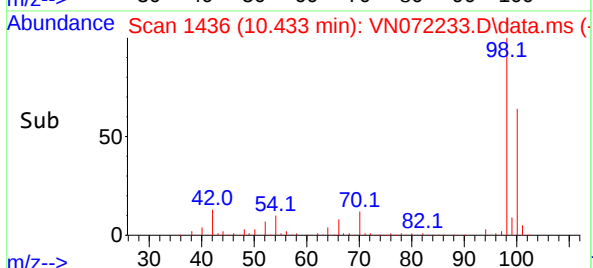
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

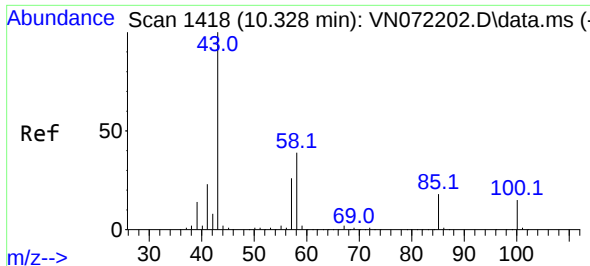


#50
Toluene-d8
Concen: 53.234 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



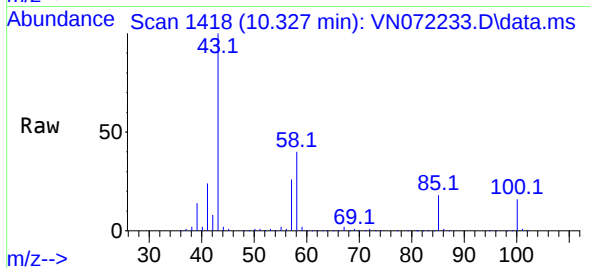
Tgt Ion: 98 Resp: 530578
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 250.813 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

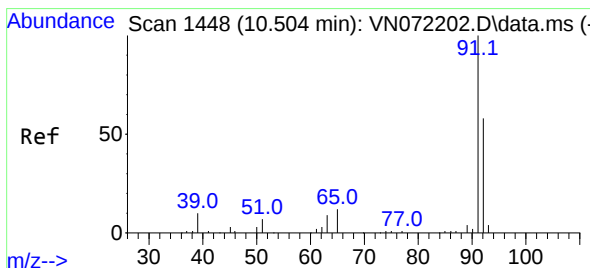
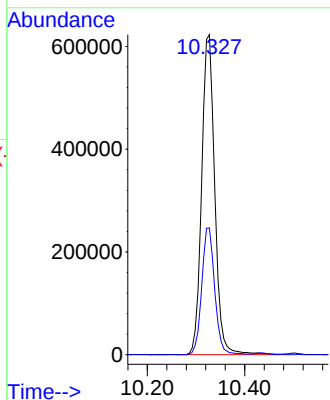
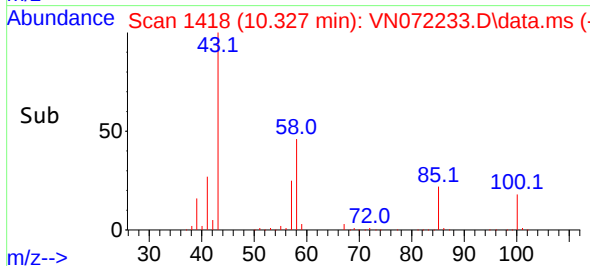
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



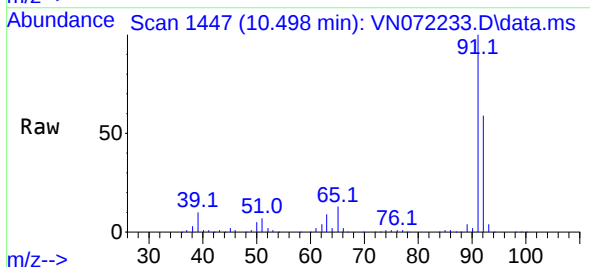
Tgt Ion: 43 Resp: 1160318
Ion Ratio Lower Upper
43 100
58 39.2 34.1 51.1

Manual Integrations
APPROVED

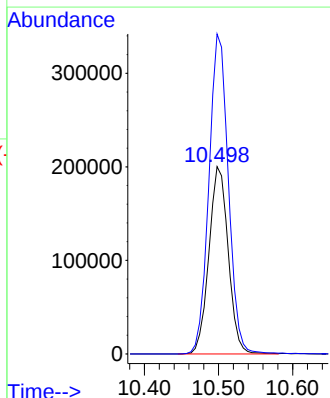
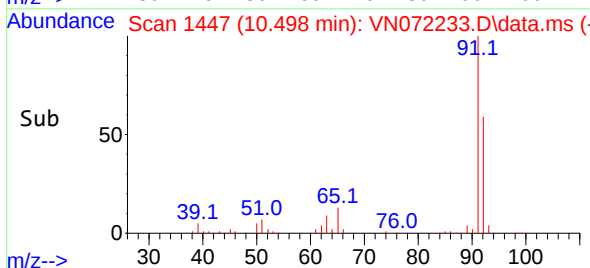
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

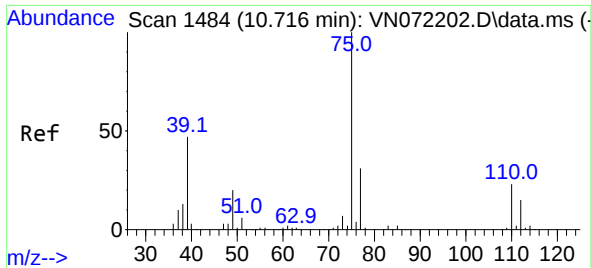


#52
Toluene
Concen: 52.920 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



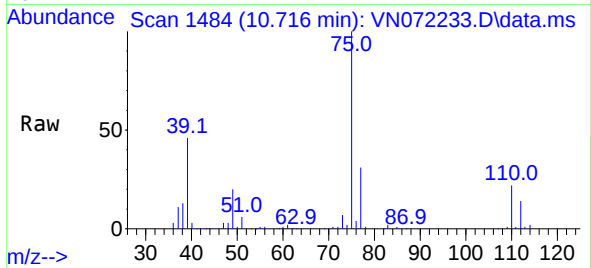
Tgt Ion: 92 Resp: 362299
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.866 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

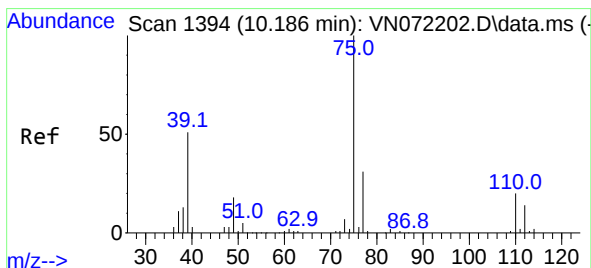
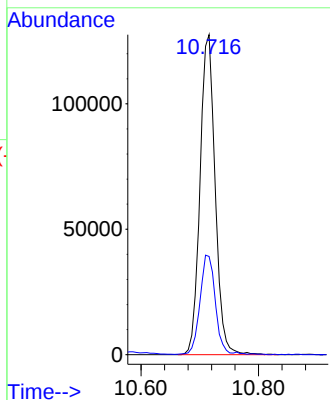
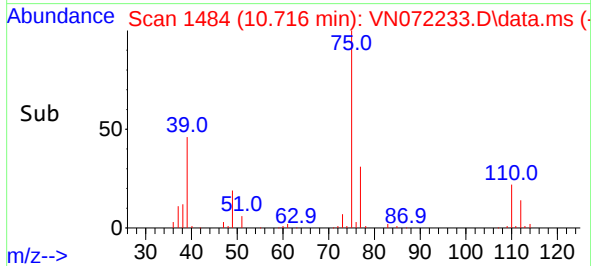
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 228420
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

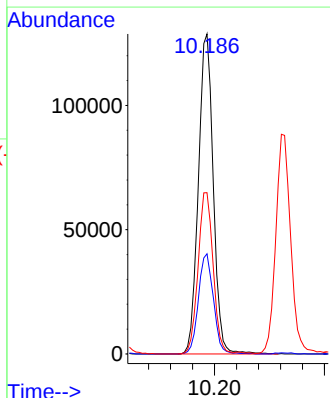
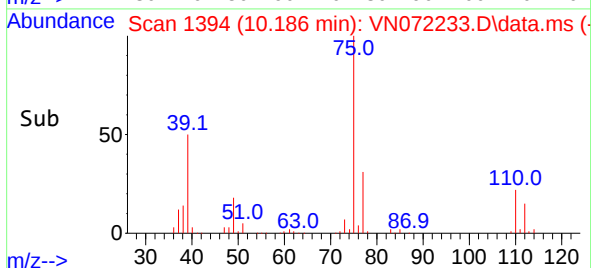
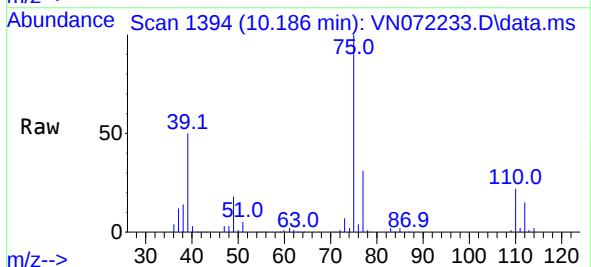
Manual Integrations
APPROVED

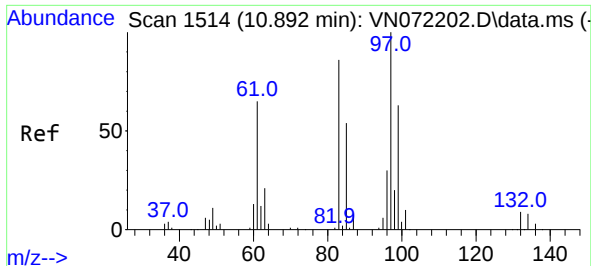
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#54
cis-1,3-Dichloropropene
Concen: 54.767 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

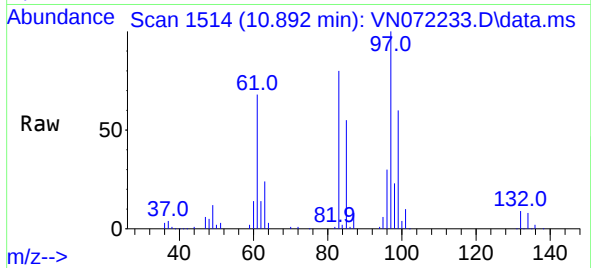
Tgt Ion: 75 Resp: 242177
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 50.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 50.562 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

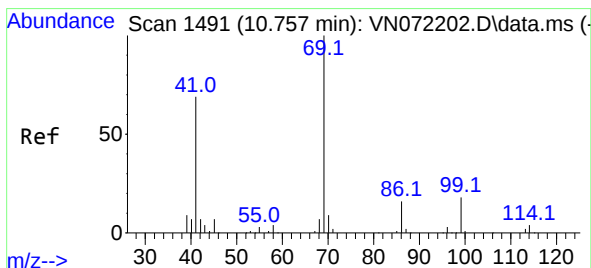
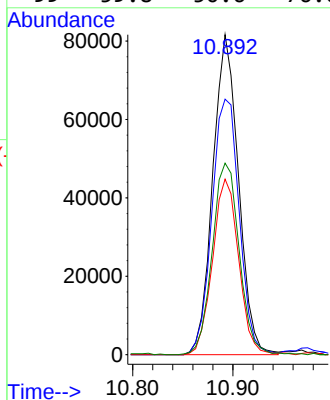
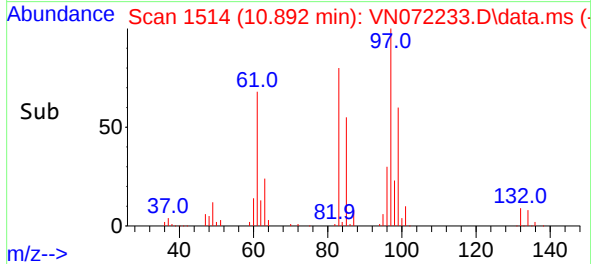
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



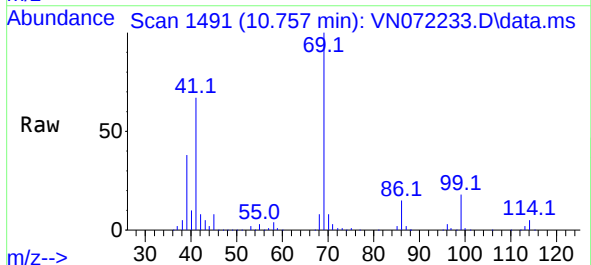
Tgt Ion: 97 Resp: 14514
Ion Ratio Lower Upper
97 100
83 79.9 66.2 99.4
85 54.8 43.9 65.9
99 59.8 50.6 76.0

Manual Integrations
APPROVED

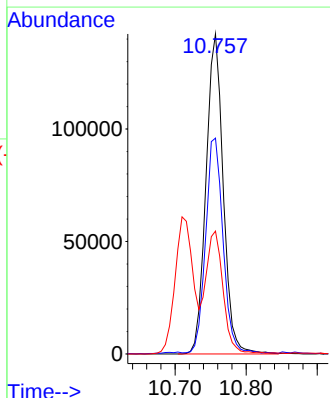
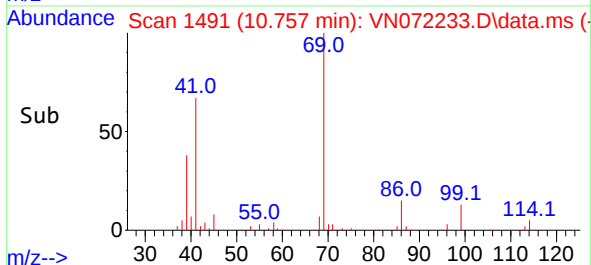
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

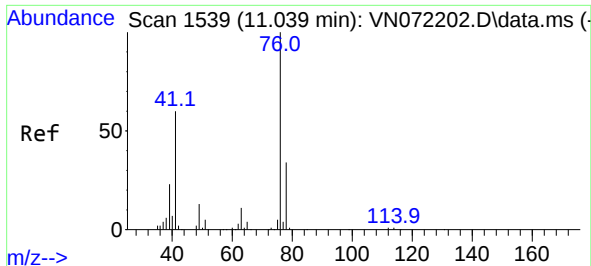


#56
Ethyl methacrylate
Concen: 47.859 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion: 69 Resp: 240065
Ion Ratio Lower Upper
69 100
41 68.0 47.8 71.6
39 38.2 27.3 40.9





#57

1,3-Dichloropropane

Concen: 51.466 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25924

Ion Ratio Lower Upper

76 100

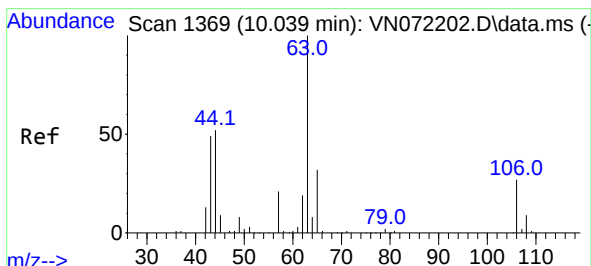
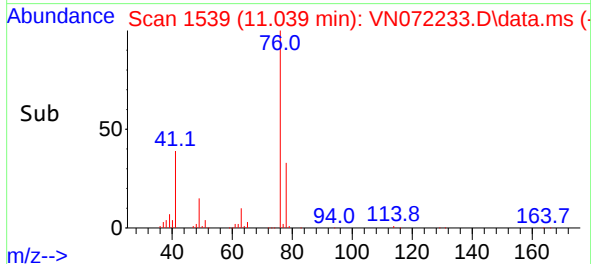
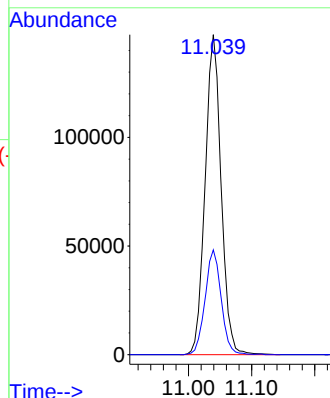
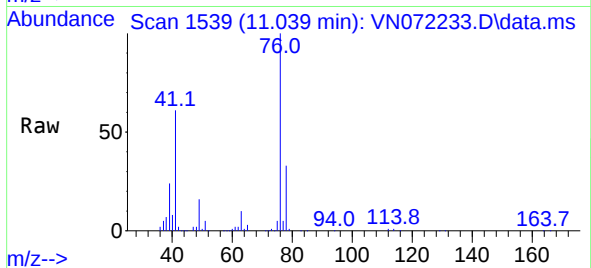
78 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 224.725 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072233.D

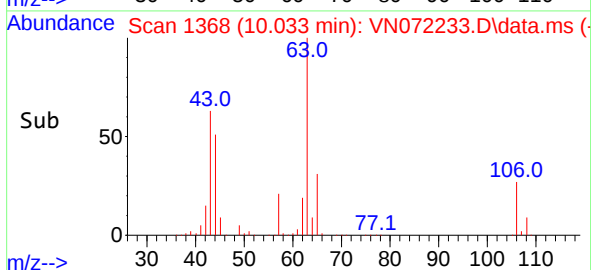
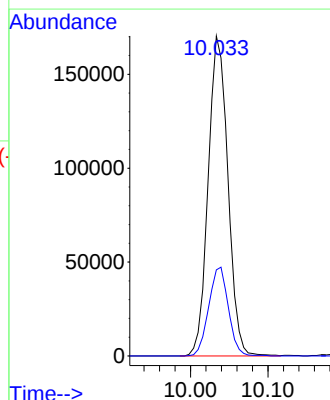
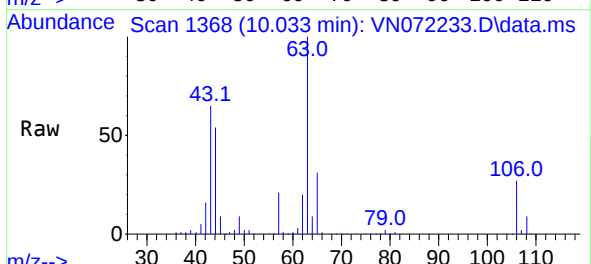
Acq: 28 Apr 2022 12:27

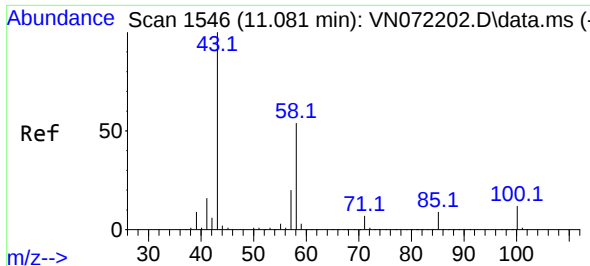
Tgt Ion: 63 Resp: 301337

Ion Ratio Lower Upper

63 100

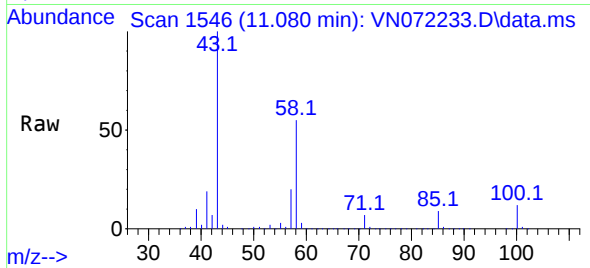
106 27.7 24.6 36.8





#59
2-Hexanone
Concen: 253.089 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

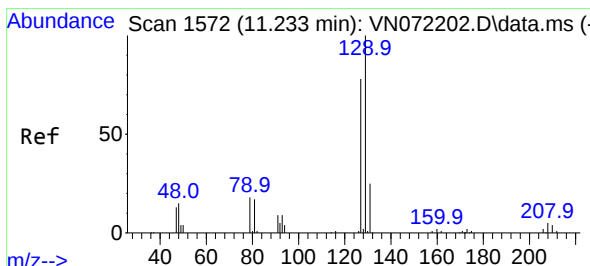
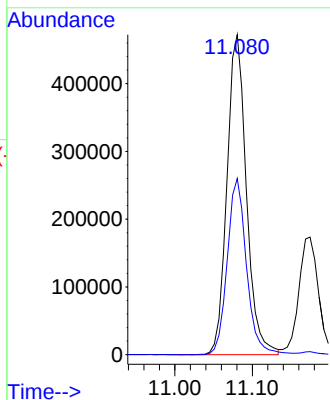
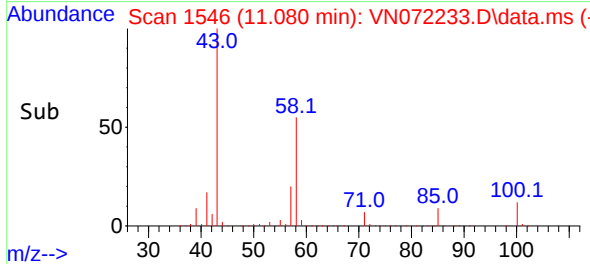
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



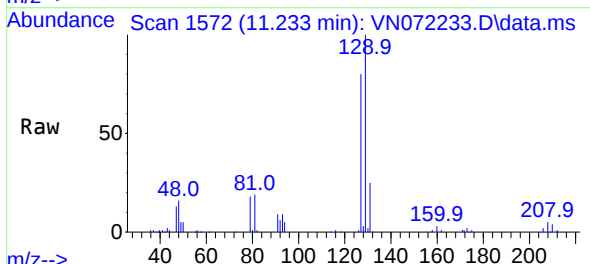
Tgt Ion: 43 Resp: 824925
Ion Ratio Lower Upper
43 100
58 54.6 29.7 89.1

Manual Integrations
APPROVED

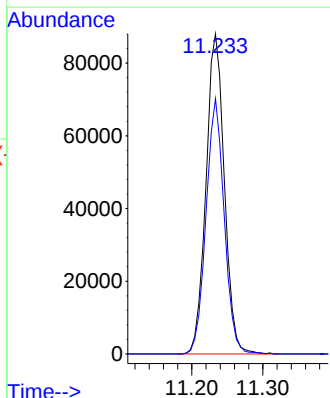
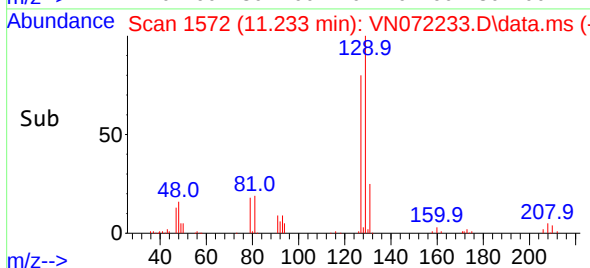
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

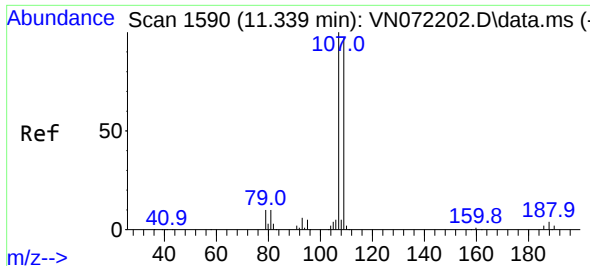


#60
Dibromochloromethane
Concen: 53.913 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



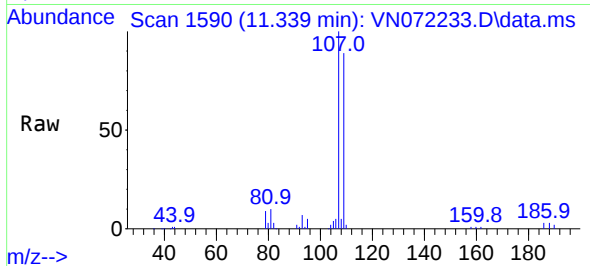
Tgt Ion:129 Resp: 158252
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.325 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

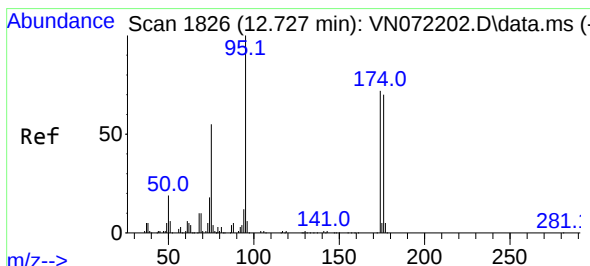
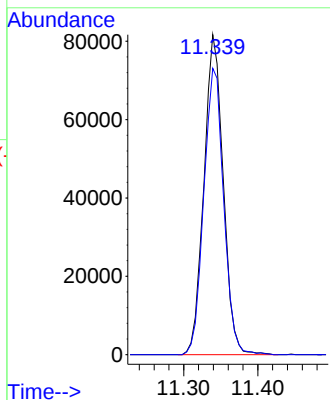
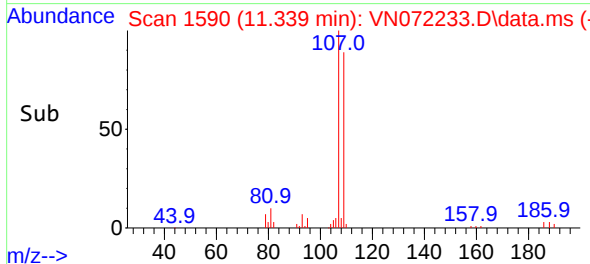
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



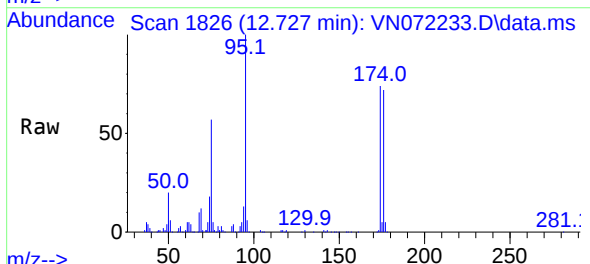
Tgt Ion:107 Resp: 147718
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6

Manual Integrations
APPROVED

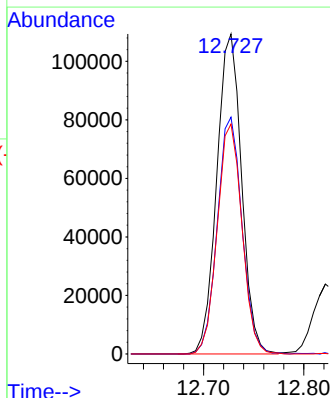
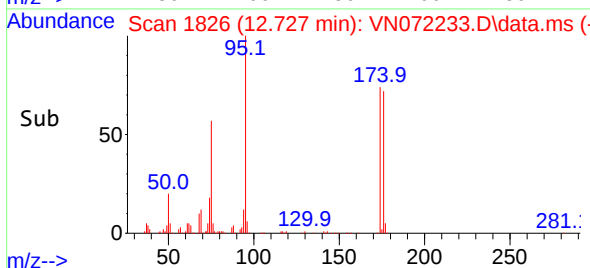
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

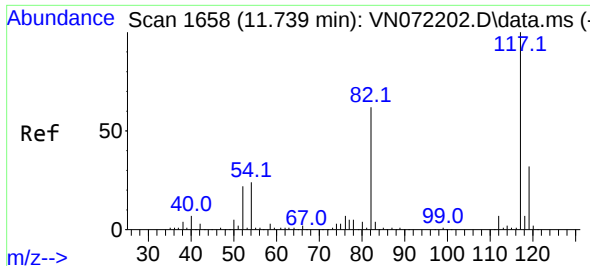


#62
4-Bromofluorobenzene
Concen: 56.780 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



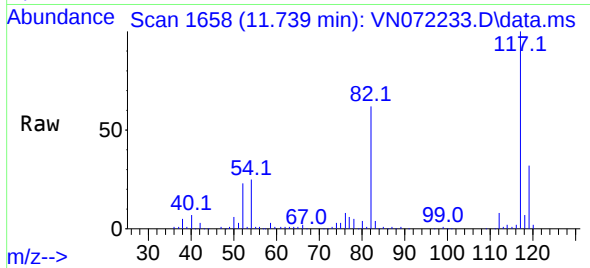
Tgt Ion: 95 Resp: 187841
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 71.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

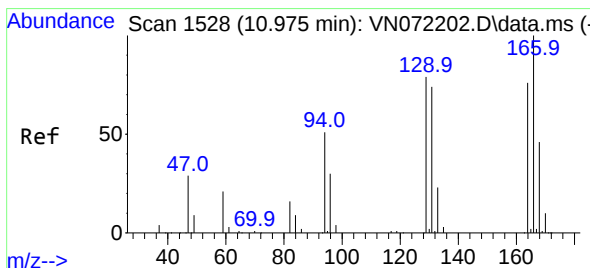
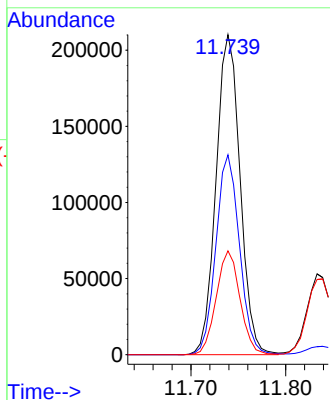
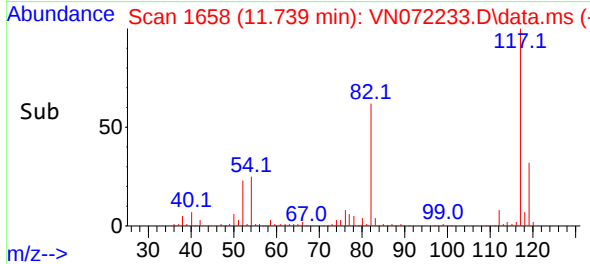
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



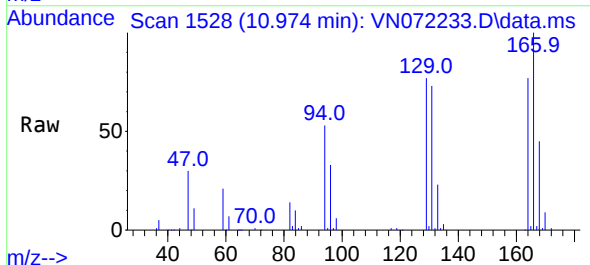
Tgt Ion:117 Resp: 371428
Ion Ratio Lower Upper
117 100
82 62.4 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

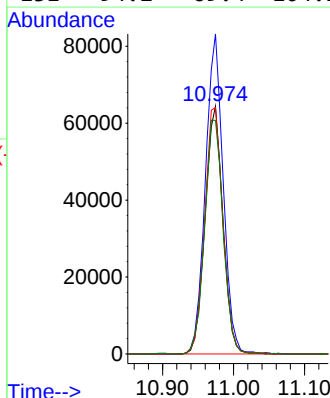
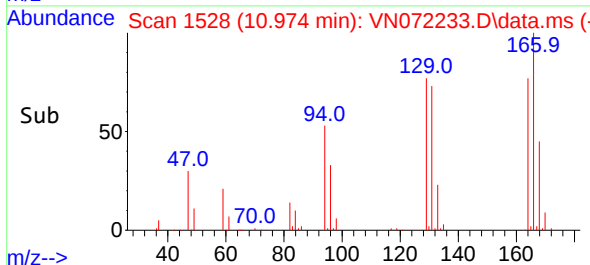
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

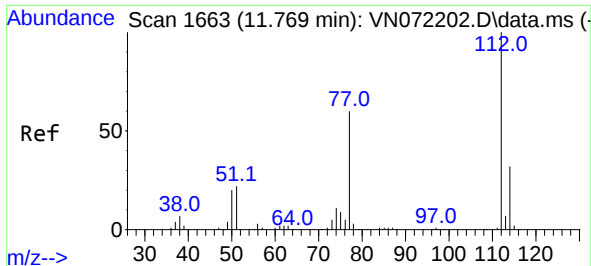


#64
Tetrachloroethene
Concen: 50.613 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



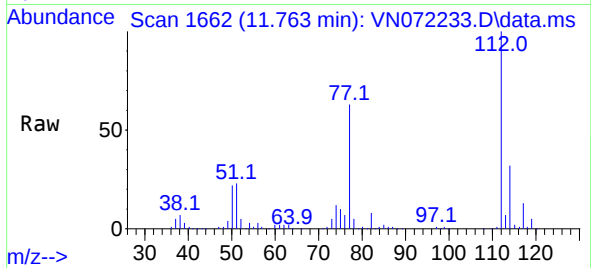
Tgt Ion:164 Resp: 113161
Ion Ratio Lower Upper
164 100
166 129.1 104.2 156.2
129 99.4 73.9 110.9
131 94.2 69.4 104.2





#65
Chlorobenzene
Concen: 50.016 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

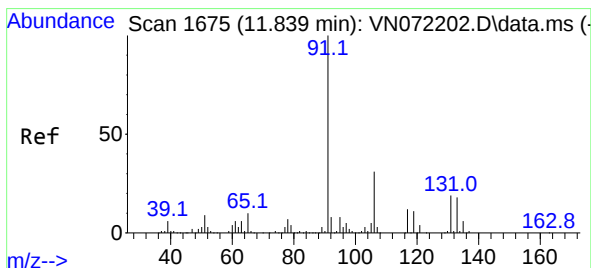
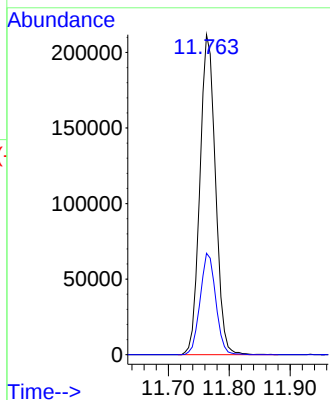
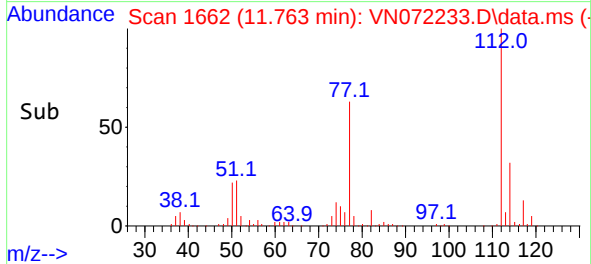
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



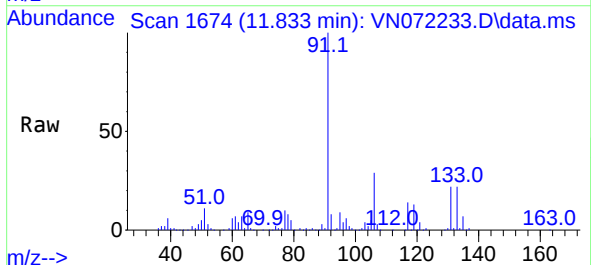
Tgt Ion:112 Resp: 37536
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

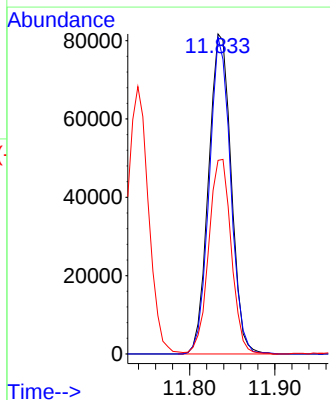
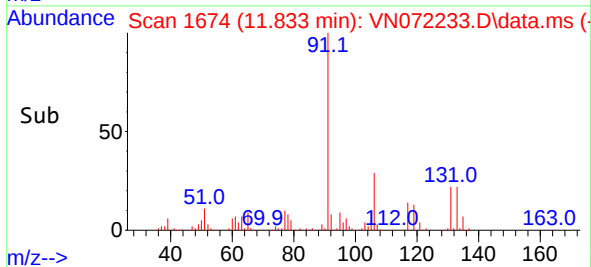
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

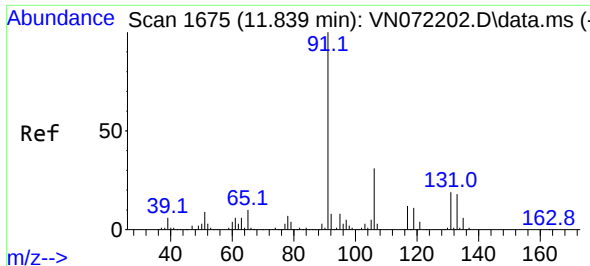


#66
1,1,1,2-Tetrachloroethane
Concen: 53.129 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



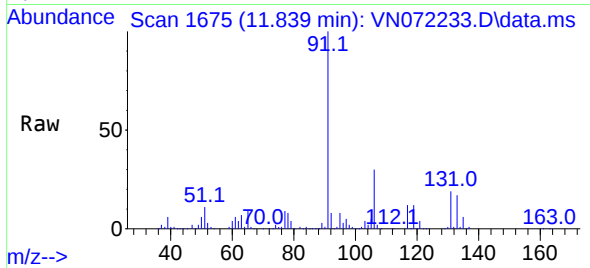
Tgt Ion:131 Resp: 150241
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 60.8 33.4 100.2





#67
Ethyl Benzene
Concen: 54.875 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

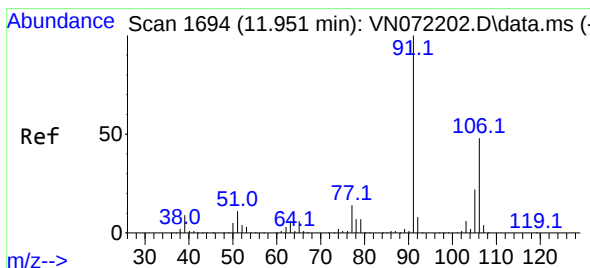
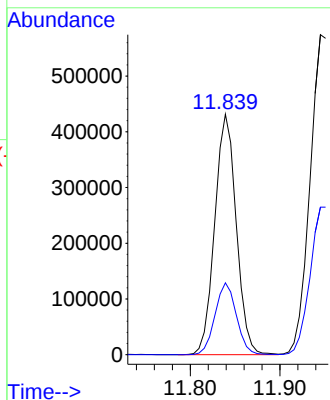
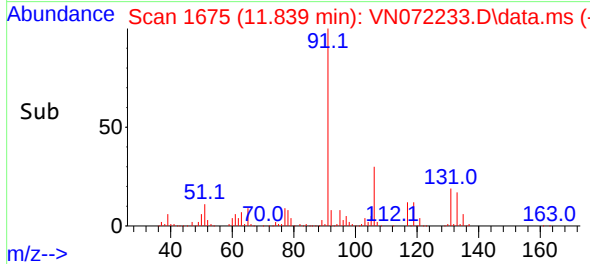
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



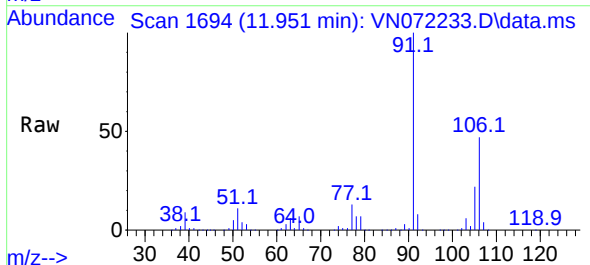
Tgt Ion: 91 Resp: 718194
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

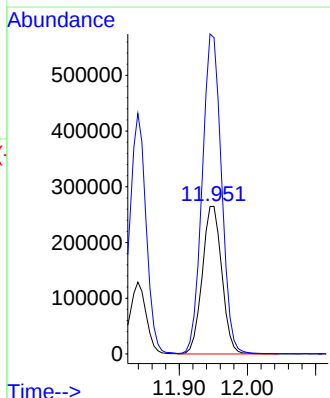
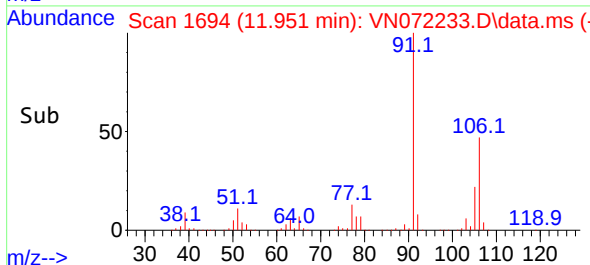
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

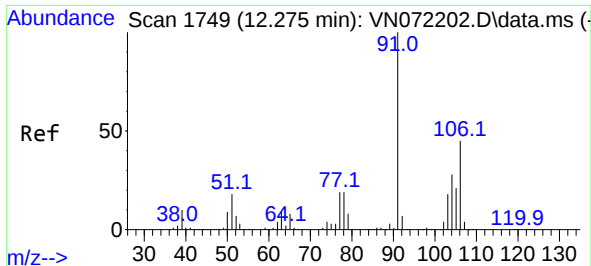


#68
m/p-Xylenes
Concen: 108.769 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion:106 Resp: 528625
Ion Ratio Lower Upper
106 100
91 213.5 158.9 238.3





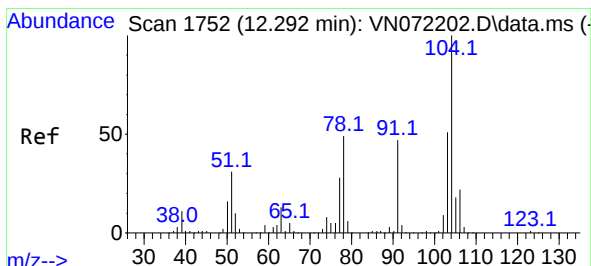
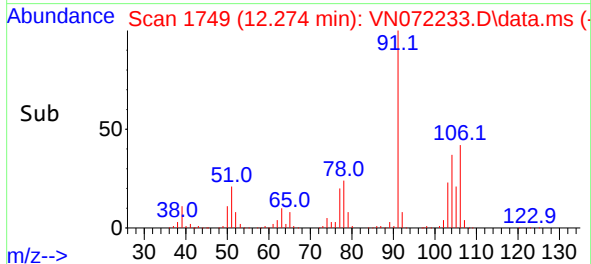
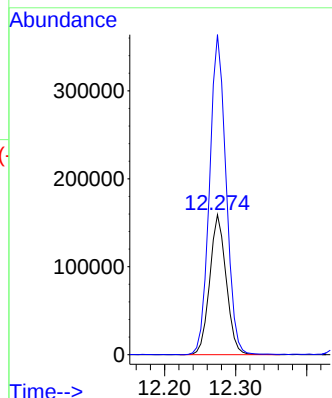
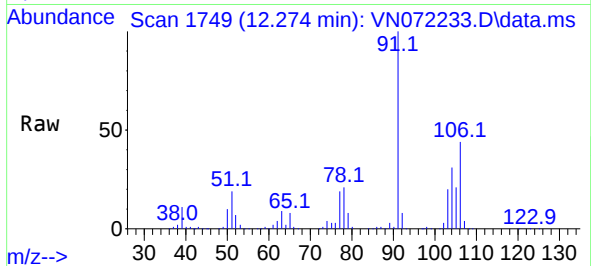
#69
o-Xylene
Concen: 54.353 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 256089
Ion Ratio Lower Upper
106 100
91 230.0 106.0 318.0

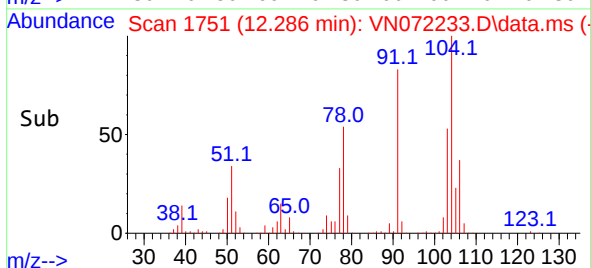
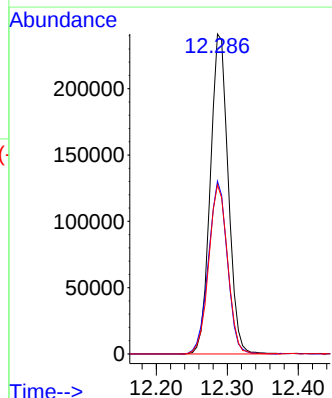
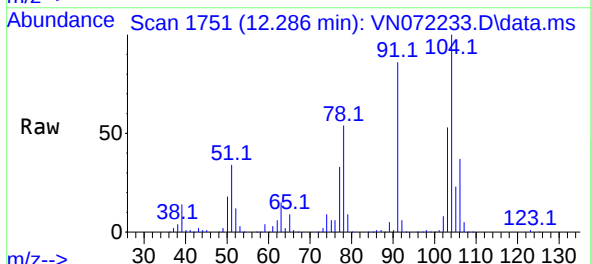
Manual Integrations
APPROVED

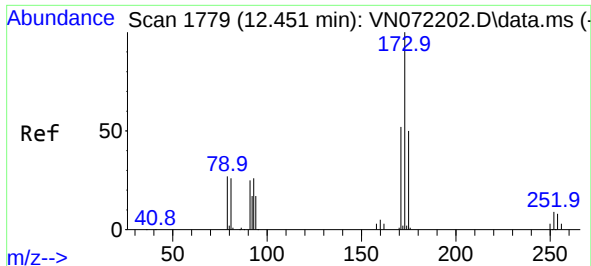
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#70
Styrene
Concen: 57.034 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

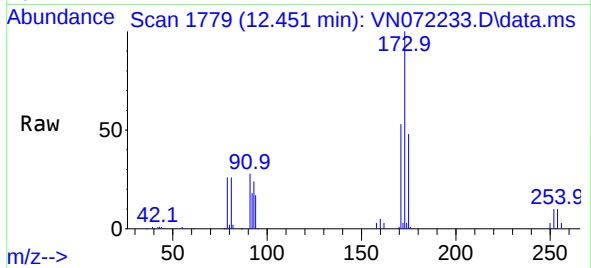
Tgt Ion:104 Resp: 423273
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 55.6 44.0 66.0





#71
Bromoform
Concen: 54.539 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

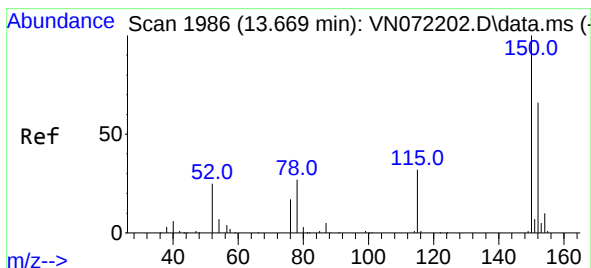
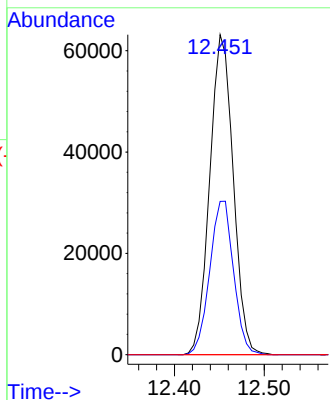
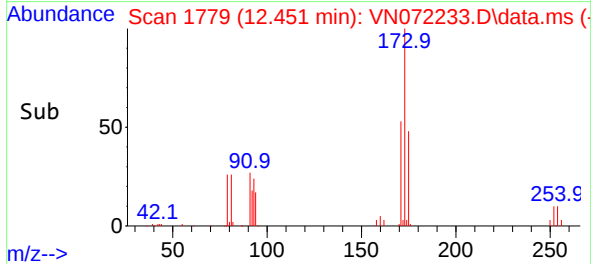
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



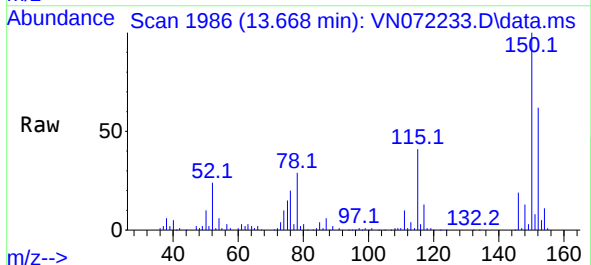
Tgt Ion:173 Resp: 114700
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

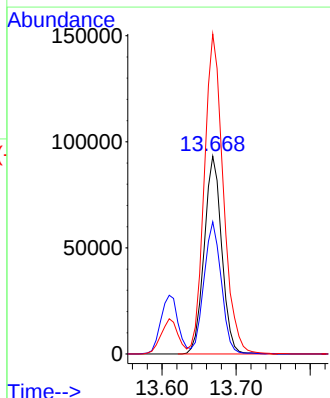
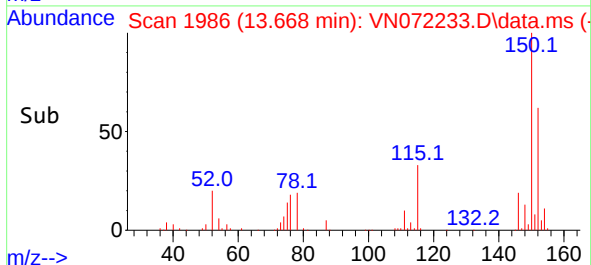
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

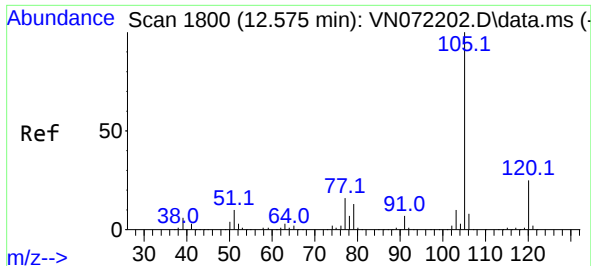


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion:152 Resp: 152975
Ion Ratio Lower Upper
152 100
115 65.9 28.9 86.7
150 175.5 0.0 356.2





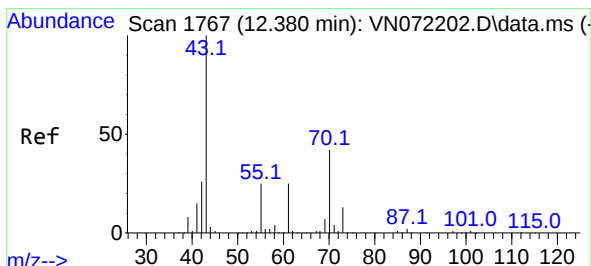
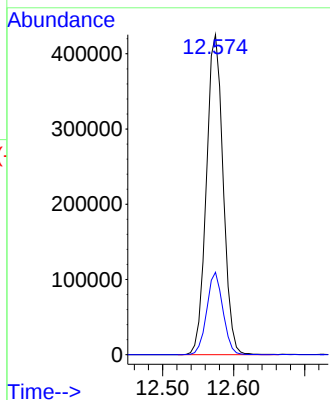
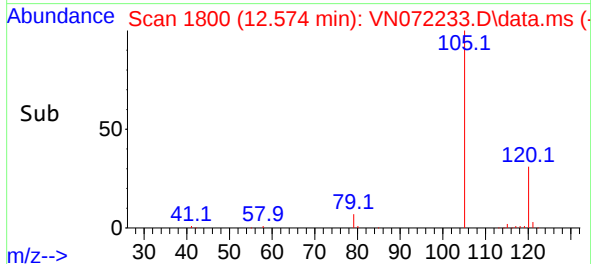
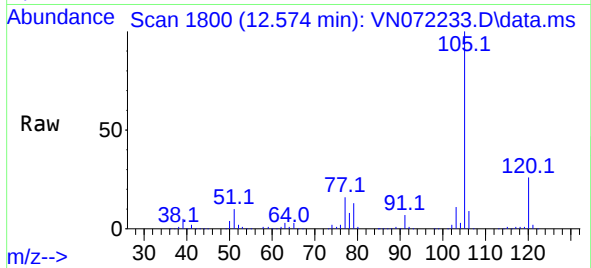
#73
Isopropylbenzene
Concen: 51.596 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 69710
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

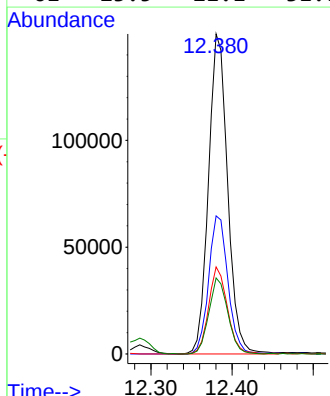
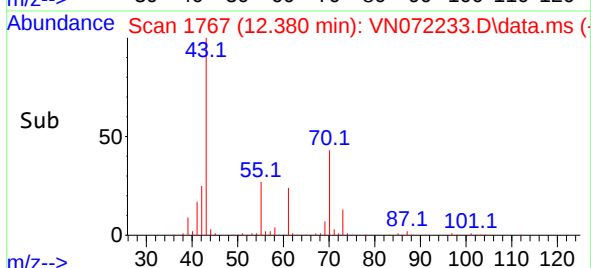
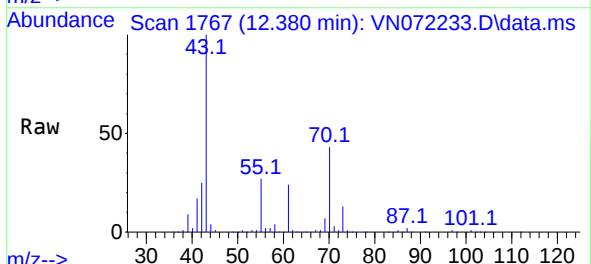
Manual Integrations
APPROVED

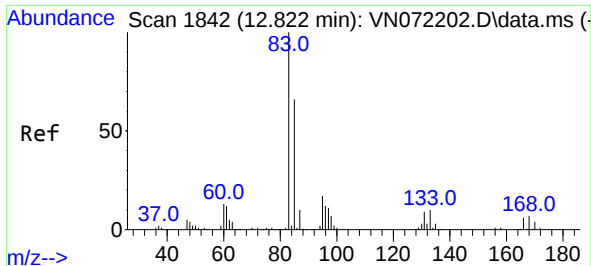
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#74
N-ethyl acetate
Concen: 48.471 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

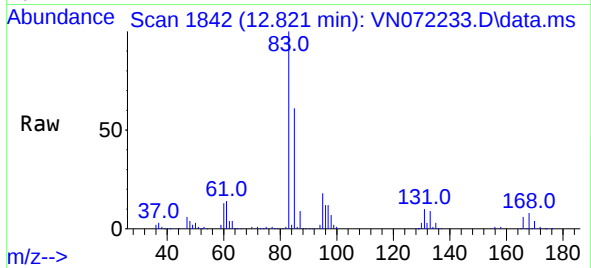
Tgt Ion: 43 Resp: 245349
Ion Ratio Lower Upper
43 100
70 43.6 39.0 58.4
55 26.6 21.1 31.7
61 23.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.098 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

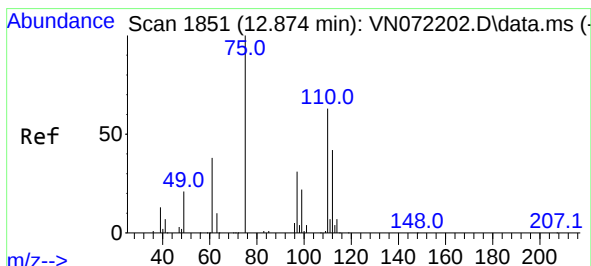
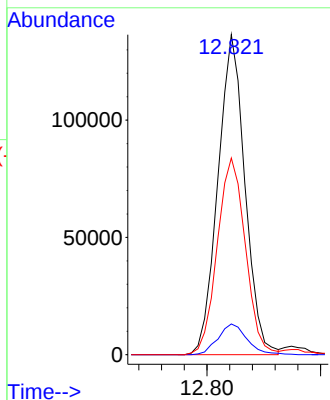
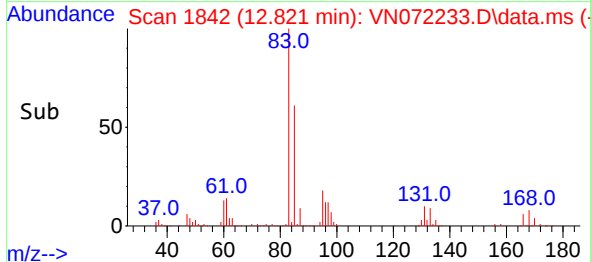
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



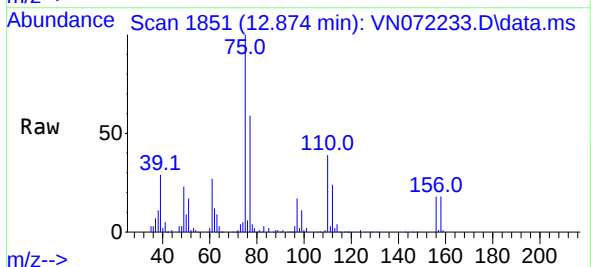
Tgt Ion: 83 Resp: 225735
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 63.8 32.3 96.9

Manual Integrations
APPROVED

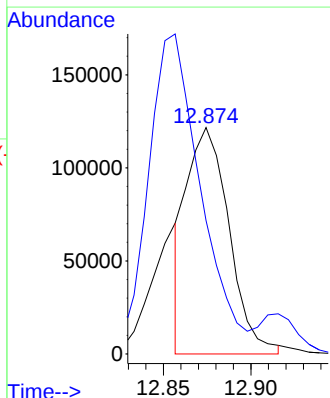
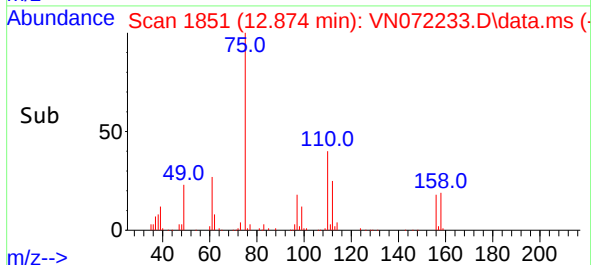
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

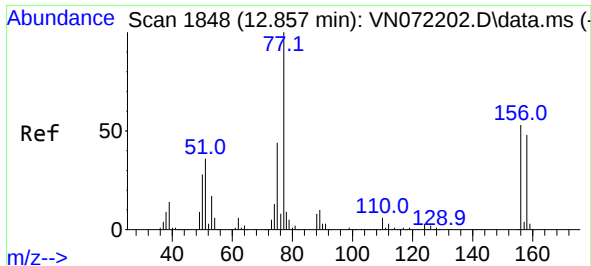


#76
1,2,3-Trichloropropane
Concen: 56.458 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



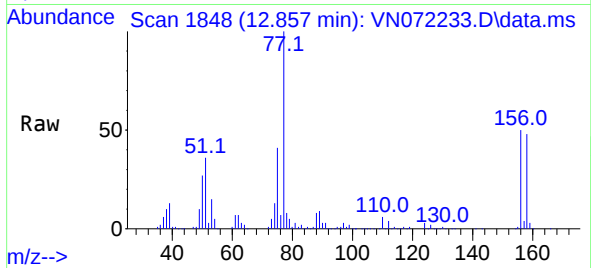
Tgt Ion: 75 Resp: 204943
Ion Ratio Lower Upper
75 100
77 173.9 98.5 295.5





#77
Bromobenzene
Concen: 47.696 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

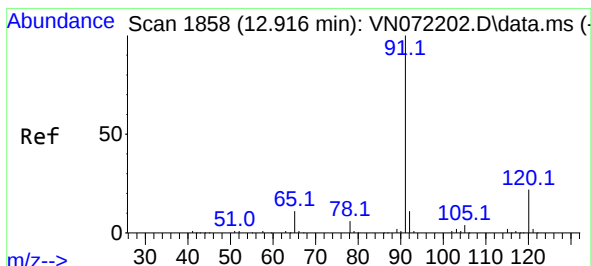
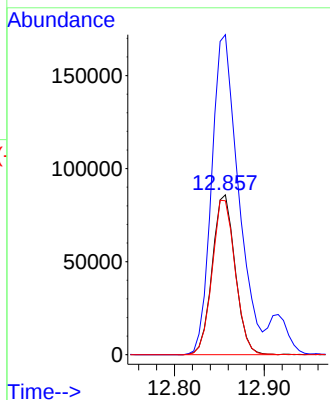
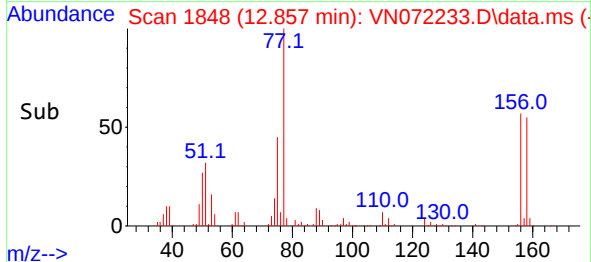
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



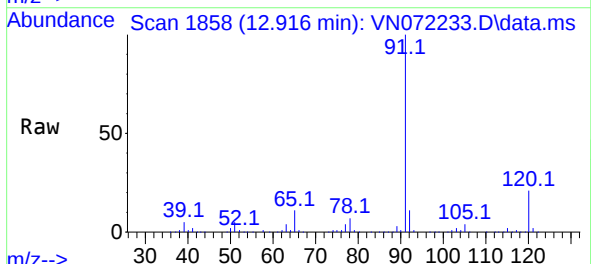
Tgt Ion:156 Resp: 152392
Ion Ratio Lower Upper
156 100
77 233.8 100.5 301.5
158 97.6 48.9 146.6

Manual Integrations
APPROVED

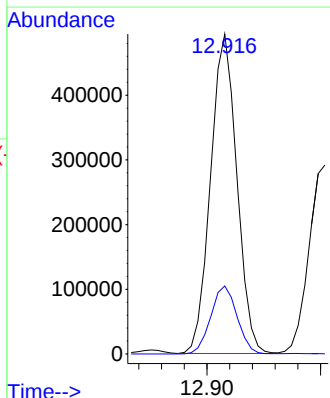
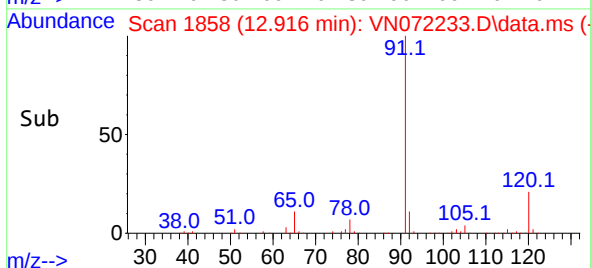
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

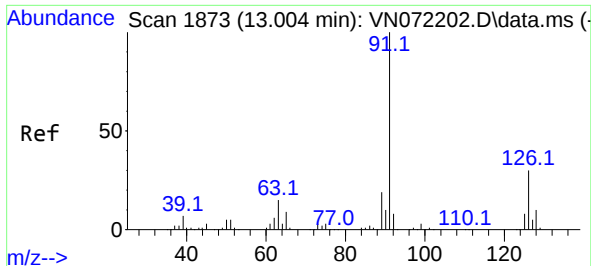


#78
n-propylbenzene
Concen: 53.300 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



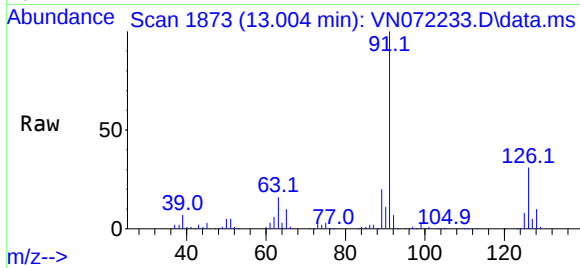
Tgt Ion: 91 Resp: 793329
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 50.576 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

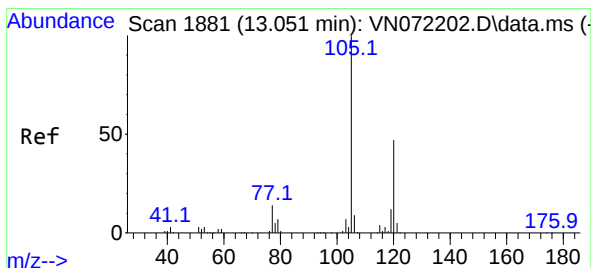
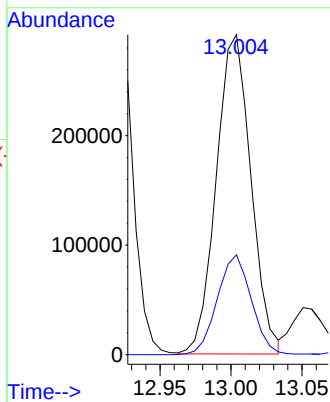
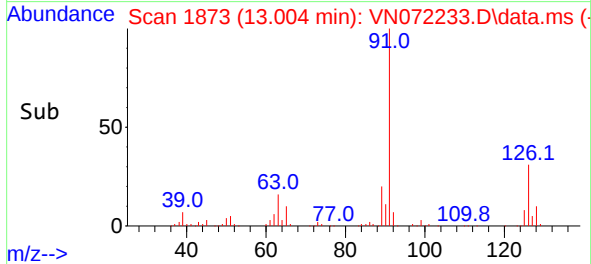
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



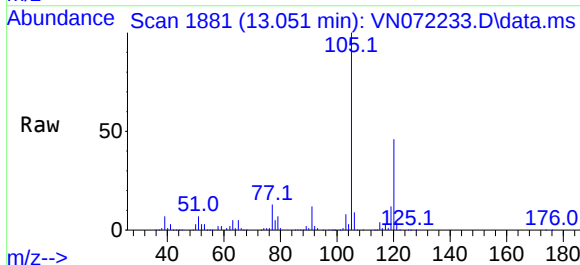
Tgt Ion: 91 Resp: 494450
Ion Ratio Lower Upper
91 100
126 30.7 17.3 51.9

Manual Integrations
APPROVED

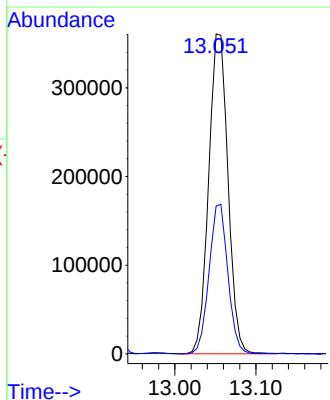
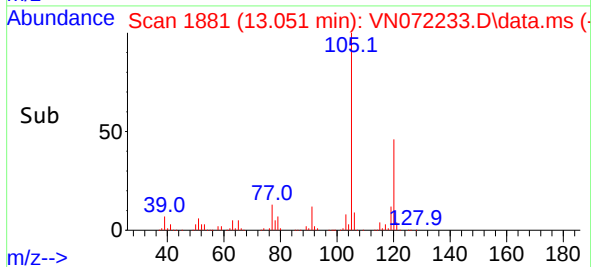
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

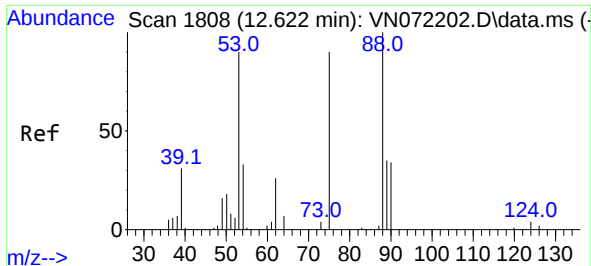


#80
1,3,5-Trimethylbenzene
Concen: 52.842 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



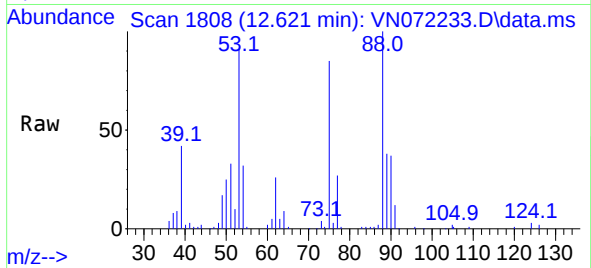
Tgt Ion:105 Resp: 594578
Ion Ratio Lower Upper
105 100
120 45.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.925 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

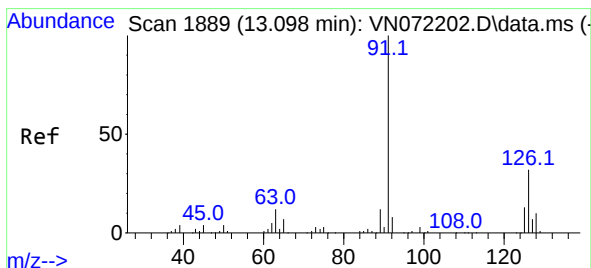
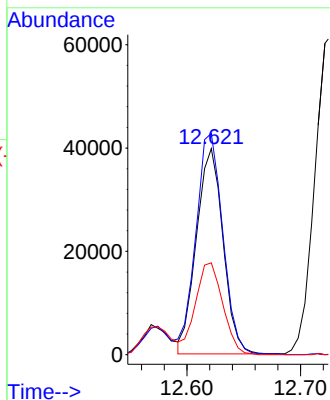
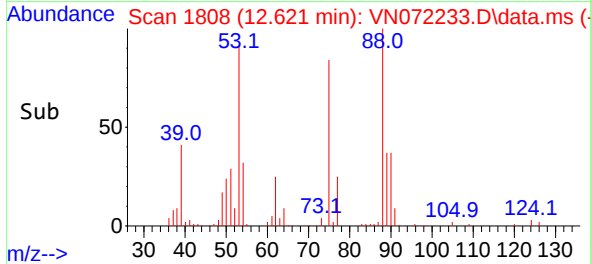
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



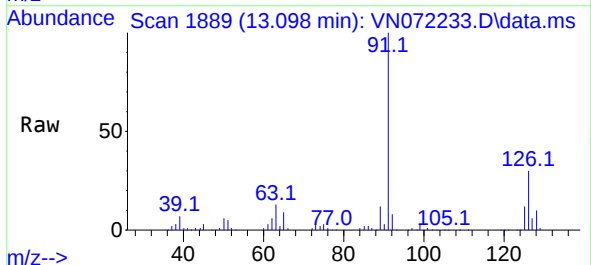
Tgt Ion: 75 Resp: 64729
Ion Ratio Lower Upper
75 100
53 111.0 78.0 117.0
89 46.2 37.2 55.8

Manual Integrations
APPROVED

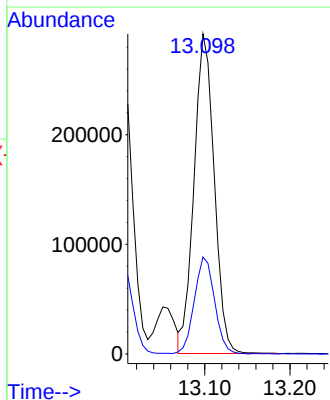
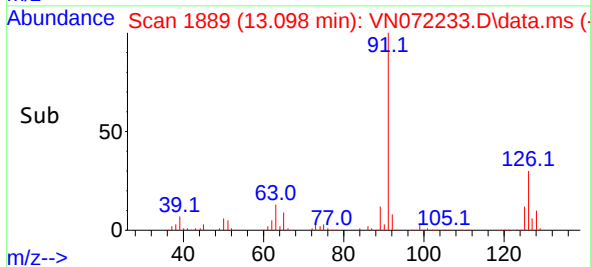
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

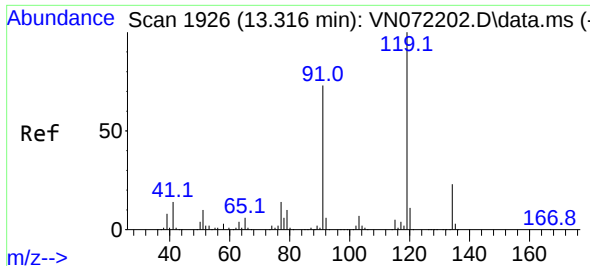


#82
4-Chlorotoluene
Concen: 52.649 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



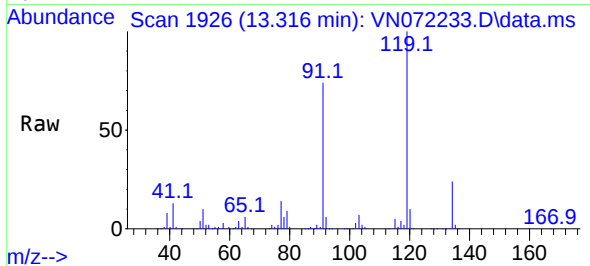
Tgt Ion: 91 Resp: 479140
Ion Ratio Lower Upper
91 100
126 30.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.795 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

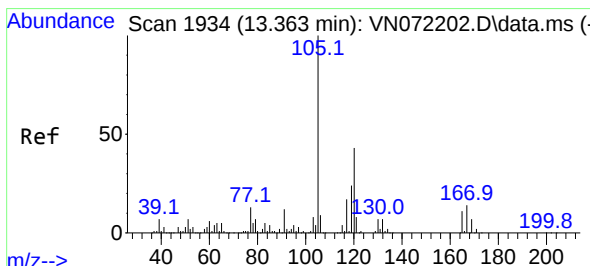
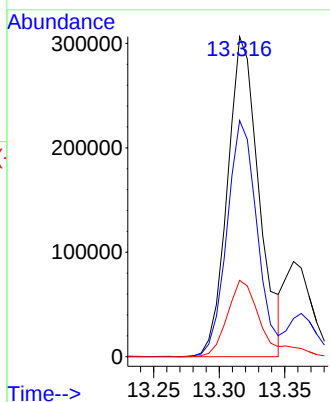
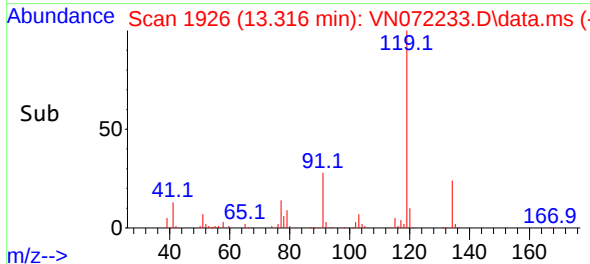
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



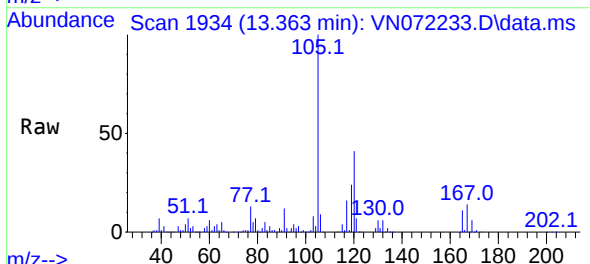
Tgt Ion:119 Resp: 511699
Ion Ratio Lower Upper
119 100
91 70.6 31.6 94.8
134 25.8 13.7 41.1

Manual Integrations
APPROVED

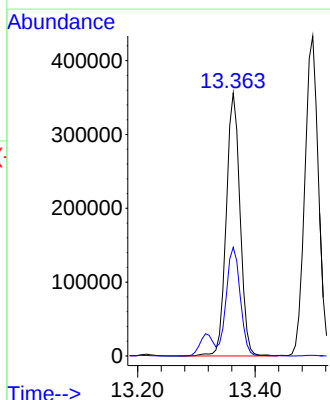
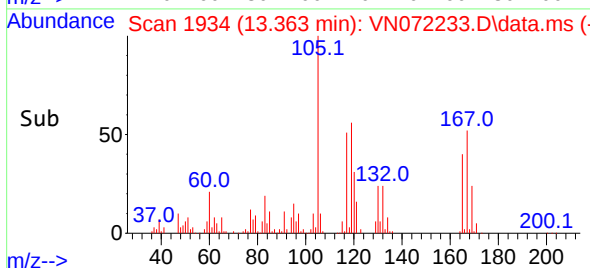
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

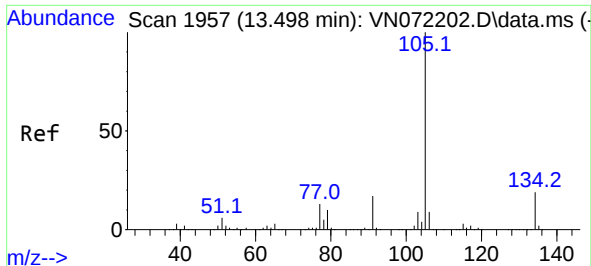


#84
1,2,4-Trimethylbenzene
Concen: 53.314 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



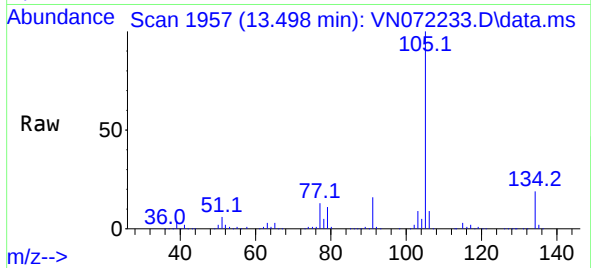
Tgt Ion:105 Resp: 580409
Ion Ratio Lower Upper
105 100
120 42.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 54.368 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072233.D
 Acq: 28 Apr 2022 12:27

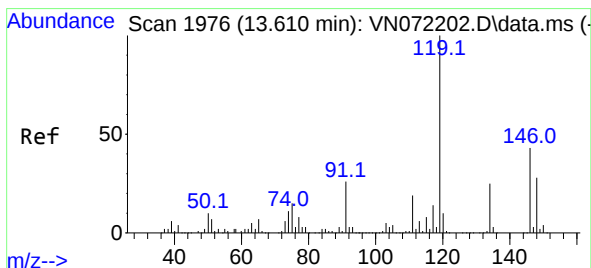
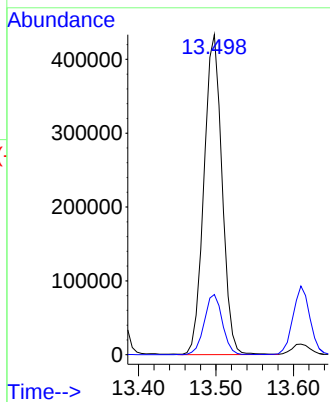
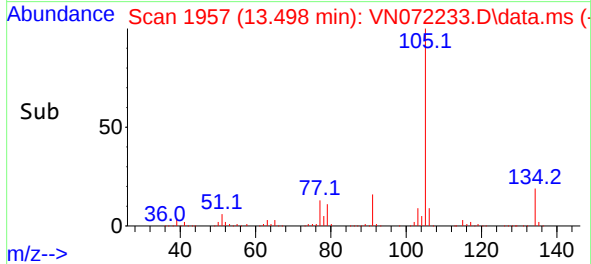
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



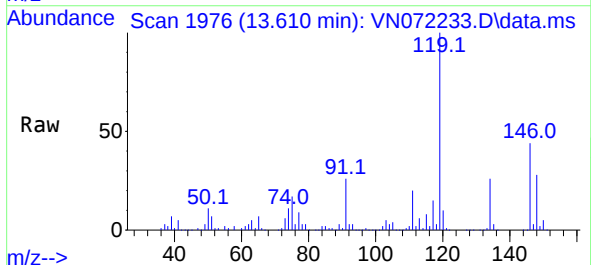
Tgt Ion:105 Resp: 700249
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

Manual Integrations
 APPROVED

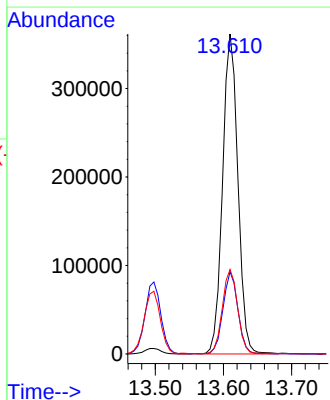
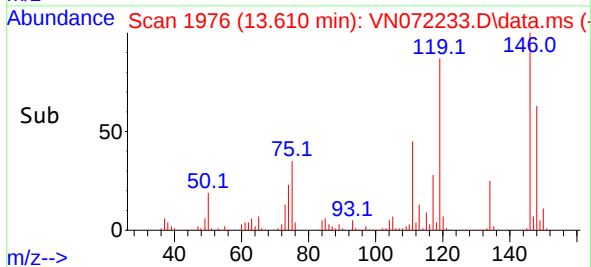
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

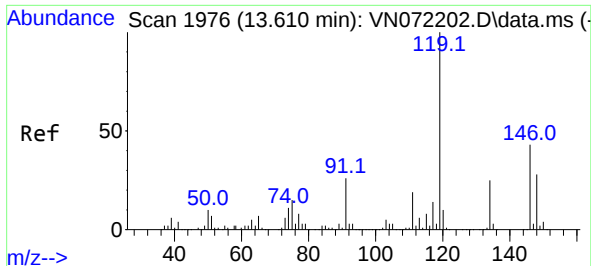


#86
 p-Isopropyltoluene
 Concen: 56.288 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072233.D
 Acq: 28 Apr 2022 12:27



Tgt Ion:119 Resp: 565209
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.3 39.8
 91 26.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.323 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

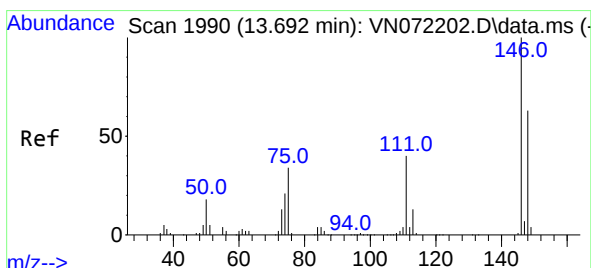
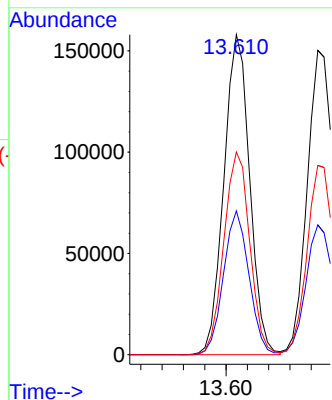
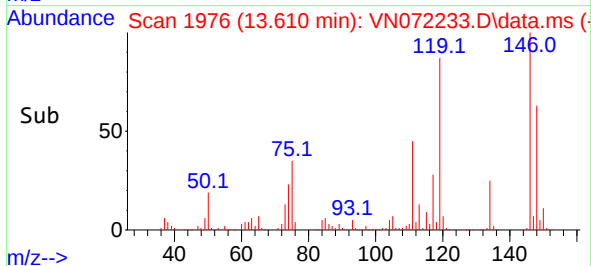
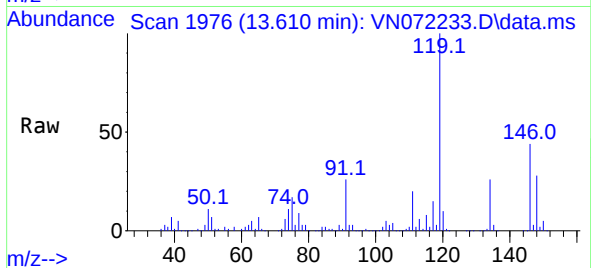
Tgt Ion:146 Resp: 265399
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.0 60.0
 148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#88

1,4-Dichlorobenzene

Concen: 52.001 ug/l

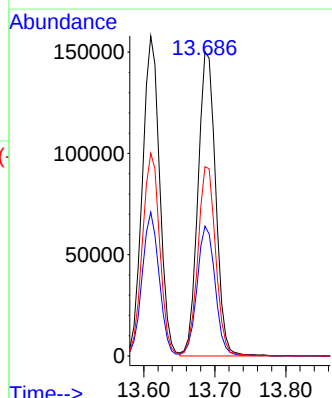
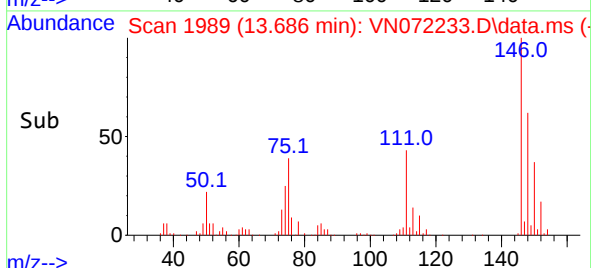
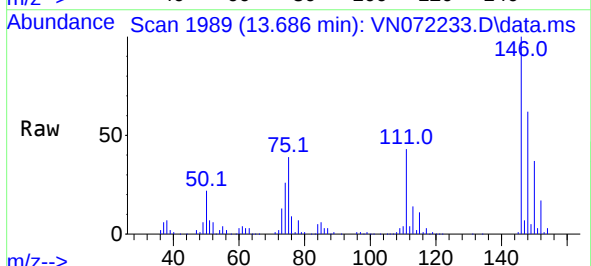
RT: 13.686 min Scan# 1989

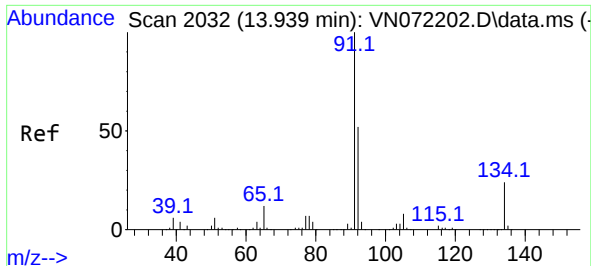
Delta R.T. -0.006 min

Lab File: VN072233.D

Acq: 28 Apr 2022 12:27

Tgt Ion:146 Resp: 261506
 Ion Ratio Lower Upper
 146 100
 111 43.7 19.1 57.1
 148 62.7 31.4 94.3





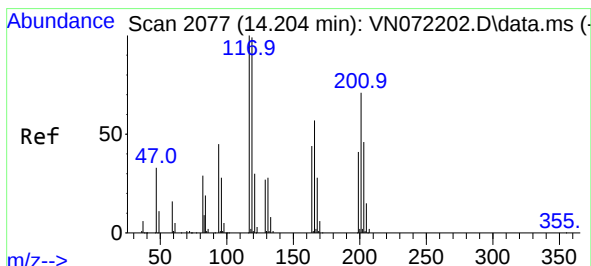
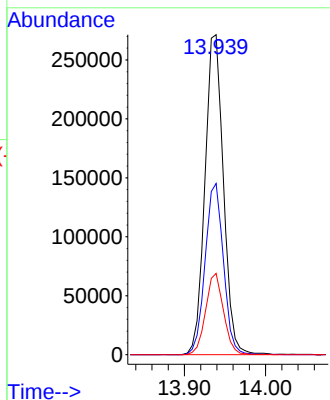
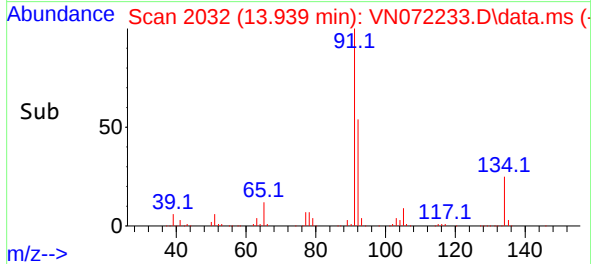
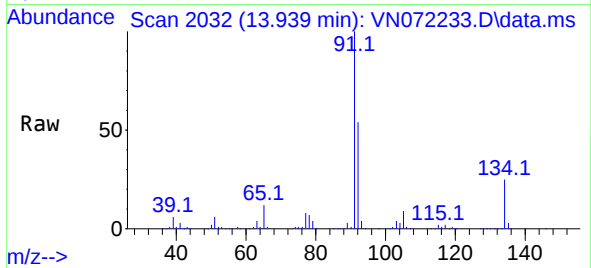
#89
n-Butylbenzene
Concen: 55.845 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 42951
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 24.6 13.6 40.8

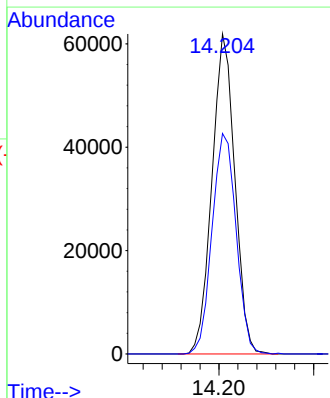
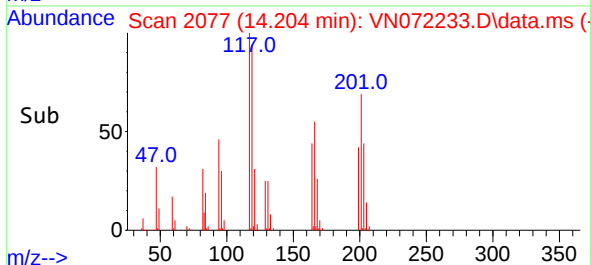
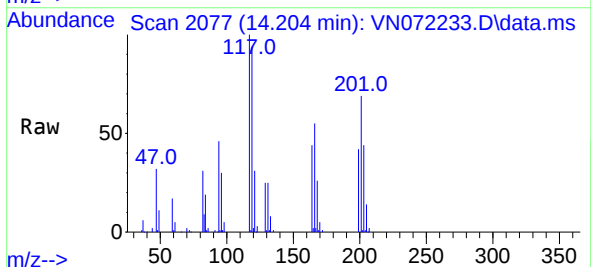
Manual Integrations
APPROVED

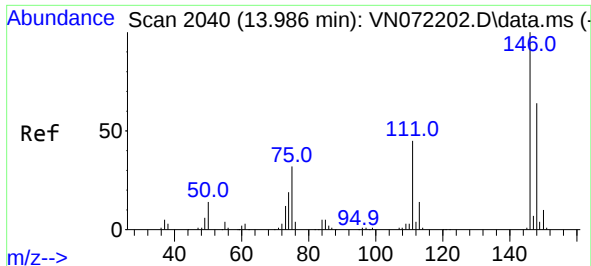
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#90
Hexachloroethane
Concen: 47.585 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Tgt Ion:117 Resp: 103725
Ion Ratio Lower Upper
117 100
201 72.5 40.6 122.0





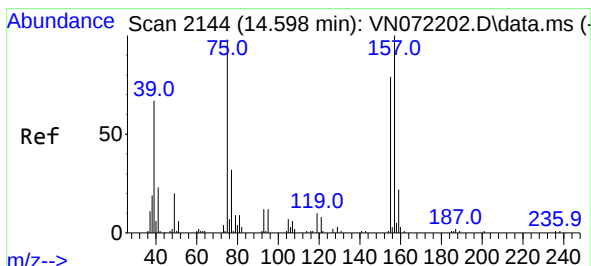
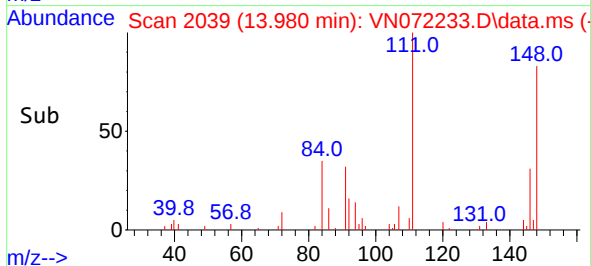
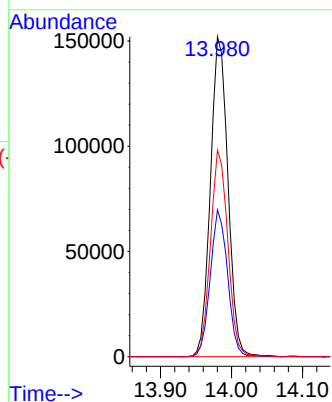
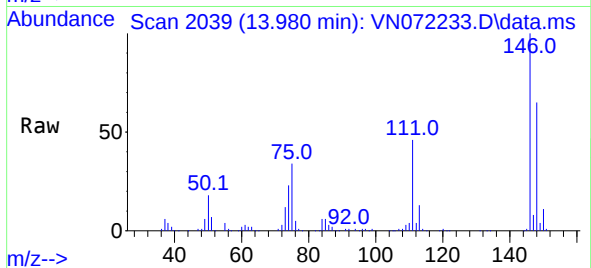
#91
1,2-Dichlorobenzene
Concen: 51.106 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26048
Ion Ratio Lower Upper
146 100
111 45.4 20.9 62.8
148 64.2 32.1 96.3

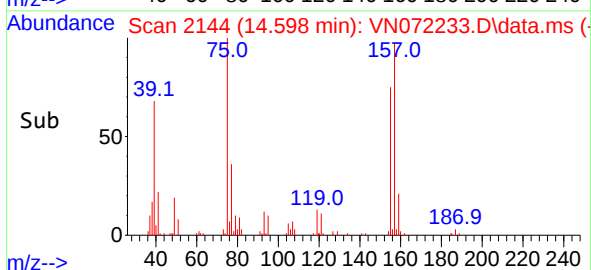
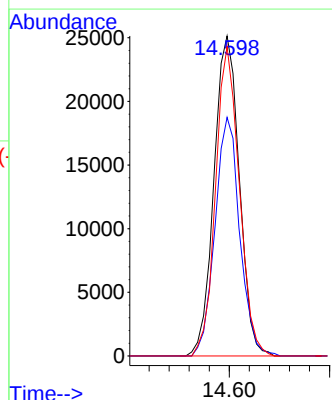
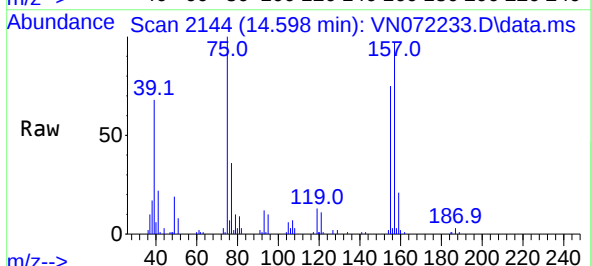
Manual Integrations
APPROVED

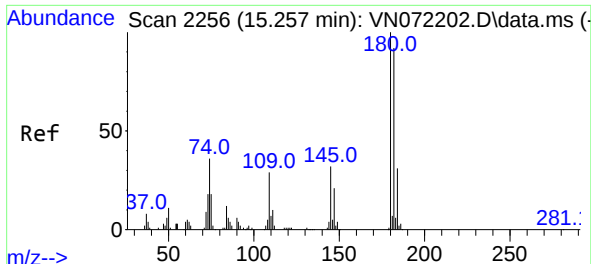
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.202 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

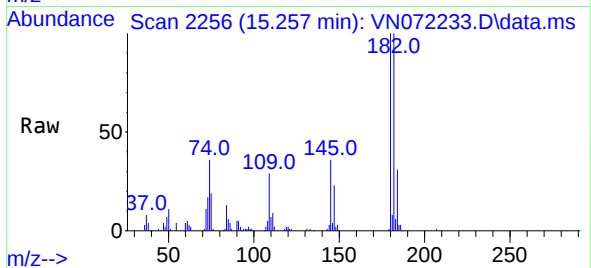
Tgt Ion: 75 Resp: 44107
Ion Ratio Lower Upper
75 100
155 72.9 44.9 134.5
157 90.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 47.911 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

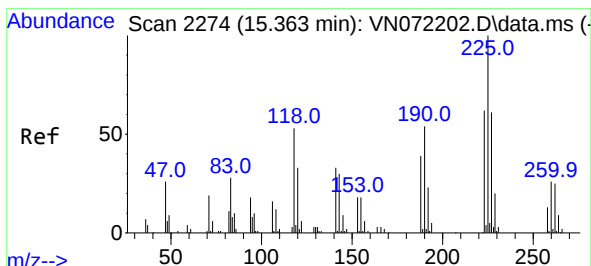
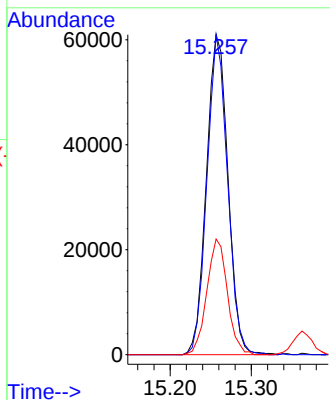
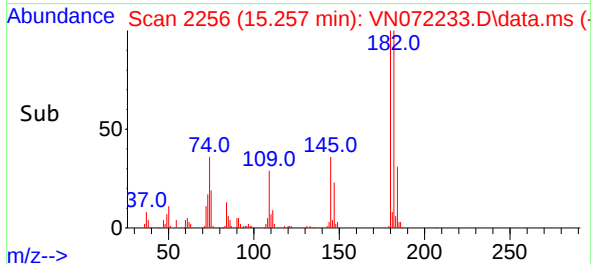
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



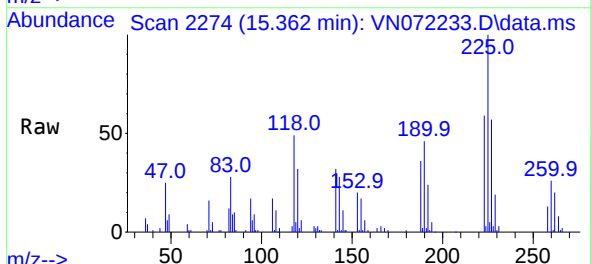
Tgt Ion:180 Resp: 11263
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 34.4 14.5 43.5

Manual Integrations
APPROVED

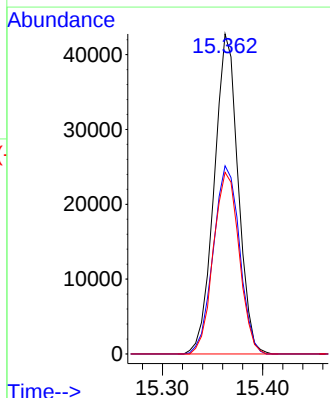
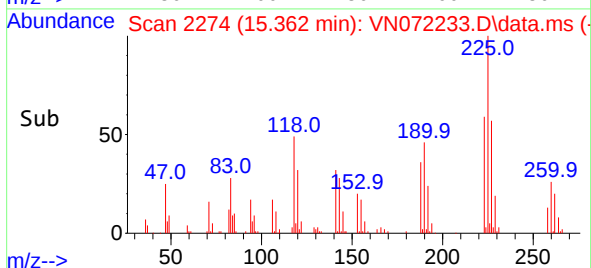
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

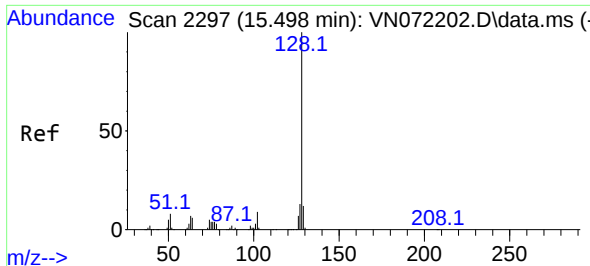


#94
Hexachlorobutadiene
Concen: 51.812 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27



Tgt Ion:225 Resp: 70764
Ion Ratio Lower Upper
225 100
223 64.5 32.4 97.2
227 61.0 31.8 95.4





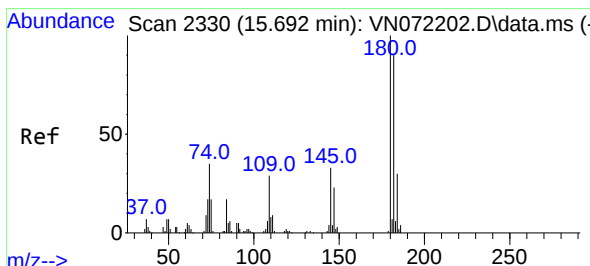
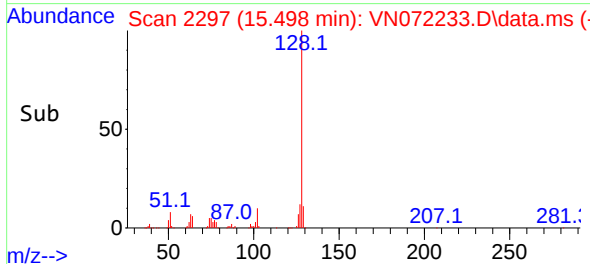
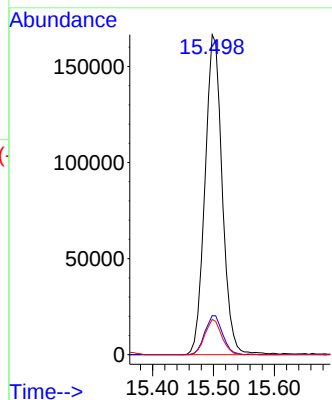
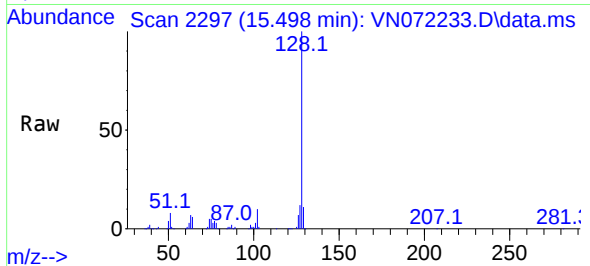
#95
Naphthalene
Concen: 42.034 ug/l
RT: 15.498 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 32711
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.039 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072233.D
Acq: 28 Apr 2022 12:27

Tgt Ion:180 Resp: 110066
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 35.2 15.5 46.5

