

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072798.D
 Acq On : 13 Jun 2022 11:26
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	155933	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	284615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	286706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	130670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	88583	31.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	63.200%		
35) Dibromofluoromethane	8.016	113	57343	27.333	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	54.660%#		
50) Toluene-d8	10.439	98	226963	28.038	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	56.080%#		
62) 4-Bromofluorobenzene	12.727	95	73437	26.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	53.840%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	46511	22.878	ug/l	95
3) Chloromethane	2.298	50	49486	22.575	ug/l	96
4) Vinyl Chloride	2.434	62	53536	29.315	ug/l	98
5) Bromomethane	2.846	94	22114	21.644	ug/l	96
6) Chloroethane	3.010	64	37863	31.285	ug/l	93
7) Trichlorofluoromethane	3.369	101	84274	25.658	ug/l	99
8) Diethyl Ether	3.822	74	32483	27.077	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.204	101	44764	24.934	ug/l	89
10) Methyl Iodide	4.416	142	30555	14.373	ug/l	# 80
11) Tert butyl alcohol	5.357	59	81036	165.424	ug/l	99
12) 1,1-Dichloroethene	4.181	96	39908	24.048	ug/l	84
13) Acrolein	4.040	56	19973	57.133	ug/l	99
14) Allyl chloride	4.834	41	95152	29.369	ug/l	# 88
15) Acrylonitrile	5.545	53	203455	165.911	ug/l	99
16) Acetone	4.281	43	187162	168.029	ug/l	97
17) Carbon Disulfide	4.528	76	87466	21.104	ug/l	98
18) Methyl Acetate	4.851	43	101855	31.957	ug/l	90
19) Methyl tert-butyl Ether	5.604	73	198114	31.153	ug/l	99
20) Methylene Chloride	5.092	84	57761	27.477	ug/l	# 83
21) trans-1,2-Dichloroethene	5.592	96	44746	25.681	ug/l	93
22) Diisopropyl ether	6.492	45	209437	31.207	ug/l	96
23) Vinyl Acetate	6.428	43	928996	162.491	ug/l	# 93
24) 1,1-Dichloroethane	6.386	63	108683	29.426	ug/l	99
25) 2-Butanone	7.328	43	301367	170.288	ug/l	90
26) 2,2-Dichloropropane	7.322	77	94076	29.782	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	60211	27.930	ug/l	86
28) Bromochloromethane	7.651	49	53344	32.419	ug/l	# 71
29) Tetrahydrofuran	7.681	42	190224	167.980	ug/l	# 88
30) Chloroform	7.810	83	113434	29.912	ug/l	97
31) Cyclohexane	8.086	56	88584	25.753	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	97063	28.206	ug/l	95
36) 1,1-Dichloropropene	8.216	75	72717	25.186	ug/l	95
37) Ethyl Acetate	7.410	43	118884	32.042	ug/l	96
38) Carbon Tetrachloride	8.198	117	79633	24.786	ug/l	99
39) Methylcyclohexane	9.457	83	83802	25.944	ug/l	92
40) Benzene	8.457	78	228581	26.309	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	53495	28.482	ug/l	88
42) 1,2-Dichloroethane	8.522	62	100868	28.255	ug/l	94
43) Isopropyl Acetate	8.557	43	185035	32.245	ug/l #	92
44) Trichloroethene	9.216	130	52118	24.061	ug/l	86
45) 1,2-Dichloropropane	9.486	63	66281	29.399	ug/l	92
46) Dibromomethane	9.574	93	43483	27.615	ug/l #	83
47) Bromodichloromethane	9.757	83	92106	28.554	ug/l	99
48) Methyl methacrylate	9.557	41	79314	30.104	ug/l #	83
49) 1,4-Dioxane	9.569	88	28567	616.291	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	623116	170.809	ug/l	90
52) Toluene	10.504	92	147468	27.418	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	94773	28.591	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	102941	29.400	ug/l #	85
55) 1,1,2-Trichloroethane	10.892	97	64582	28.425	ug/l	98
56) Ethyl methacrylate	10.757	69	105256	31.079	ug/l #	75
57) 1,3-Dichloropropane	11.039	76	111899	28.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	229601	252.680	ug/l	93
59) 2-Hexanone	11.080	43	449132	171.925	ug/l	88
60) Dibromochloromethane	11.233	129	65599	27.259	ug/l	100
61) 1,2-Dibromoethane	11.345	107	62726	27.739	ug/l	98
64) Tetrachloroethene	10.974	164	45596	21.765	ug/l #	83
65) Chlorobenzene	11.768	112	147910	24.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	59221	23.996	ug/l	99
67) Ethyl Benzene	11.839	91	283919	26.453	ug/l	96
68) m/p-Xylenes	11.951	106	196648	49.096	ug/l	90
69) o-Xylene	12.274	106	101812	25.688	ug/l	90
70) Styrene	12.292	104	158287	25.948	ug/l	94
71) Bromoform	12.457	173	40681	22.553	ug/l #	98
73) Isopropylbenzene	12.574	105	264803	23.807	ug/l	98
74) N-amyl acetate	12.386	43	127087	29.648	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	95509	23.156	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	94431m	25.919	ug/l	
77) Bromobenzene	12.857	156	52788	20.386	ug/l	70
78) n-propylbenzene	12.915	91	293716	24.519	ug/l	94
79) 2-Chlorotoluene	13.004	91	183562	23.438	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	220158	24.338	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.621	75	28399	25.379	ug/l #	83
82) 4-Chlorotoluene	13.104	91	169821	22.961	ug/l	93
83) tert-Butylbenzene	13.321	119	189538	23.889	ug/l	89
84) 1,2,4-Trimethylbenzene	13.362	105	208450	23.566	ug/l	93
85) sec-Butylbenzene	13.498	105	258326	24.231	ug/l	97
86) p-Isopropyltoluene	13.610	119	202320	24.458	ug/l	94
87) 1,3-Dichlorobenzene	13.615	146	88642	19.806	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	88942	19.899	ug/l	95
89) n-Butylbenzene	13.939	91	161818	25.038	ug/l	97
90) Hexachloroethane	14.209	117	41631	24.614	ug/l	74
91) 1,2-Dichlorobenzene	13.986	146	92245	20.635	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21359	28.854	ug/l	71
93) 1,2,4-Trichlorobenzene	15.256	180	41796	24.206	ug/l	96
94) Hexachlorobutadiene	15.362	225	19679	17.922	ug/l	98
95) Naphthalene	15.504	128	166601	31.103	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	42799	24.531	ug/l	95

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

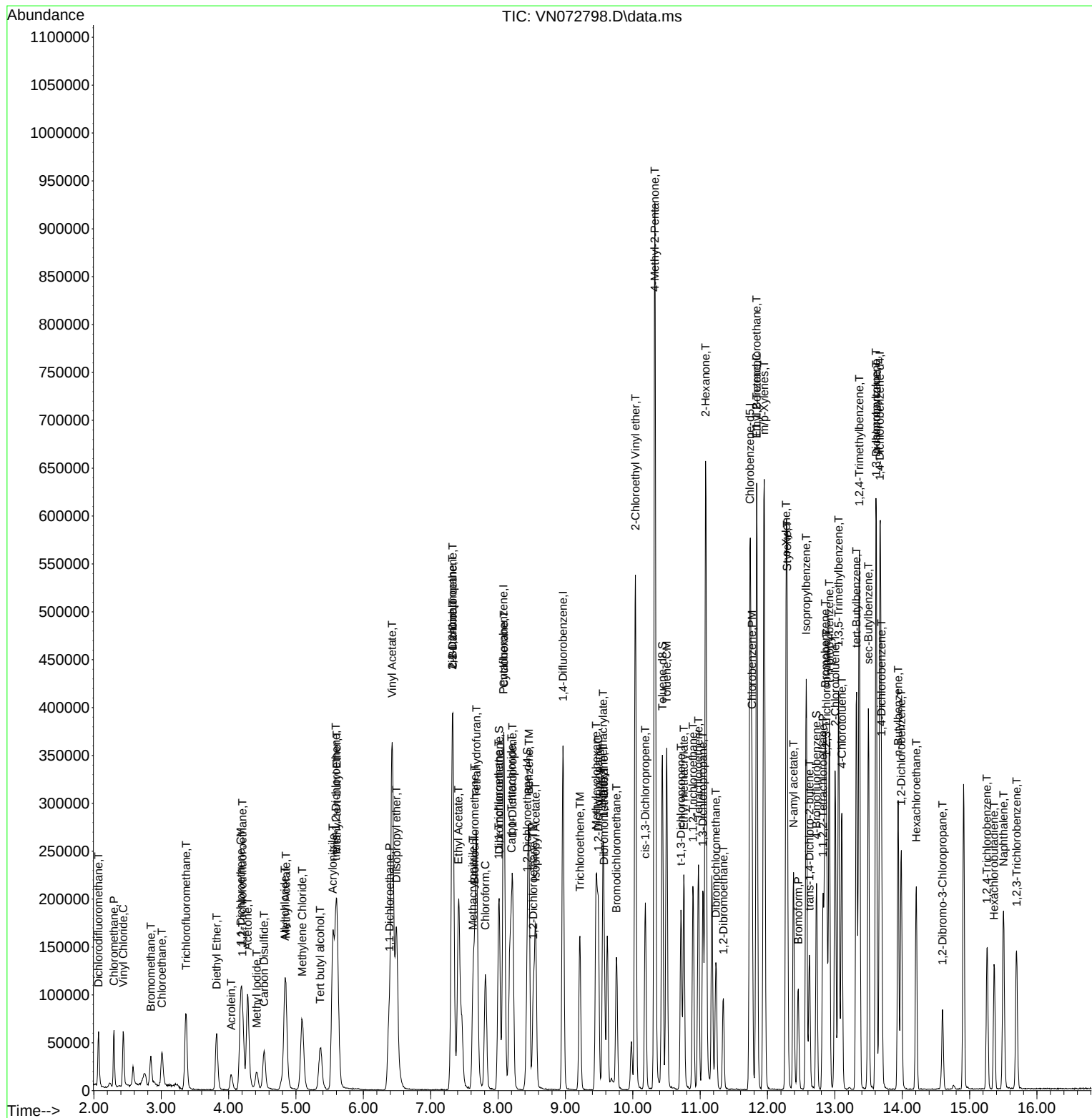
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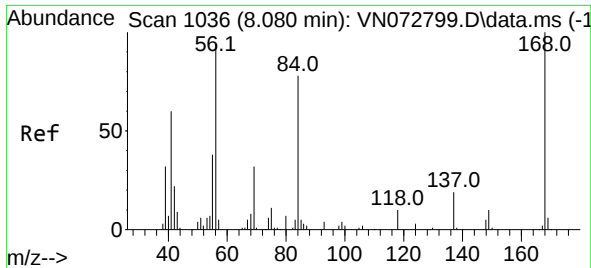
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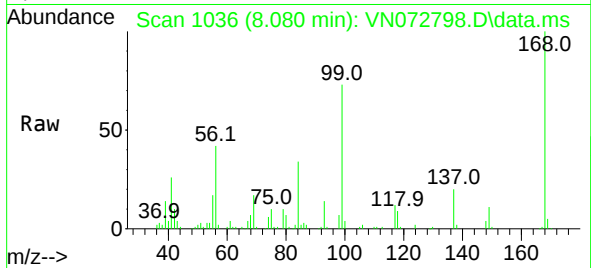
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VN072798.D
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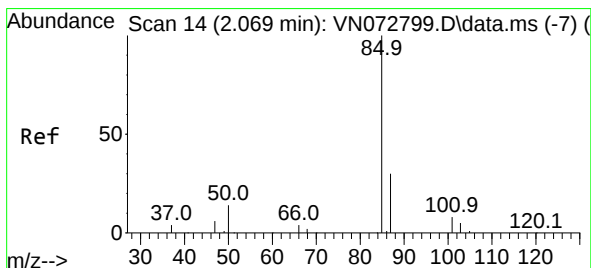
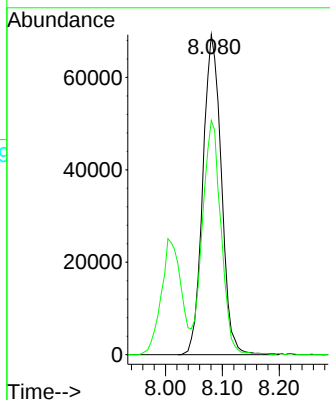
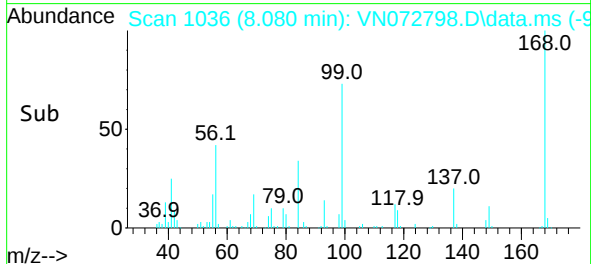
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



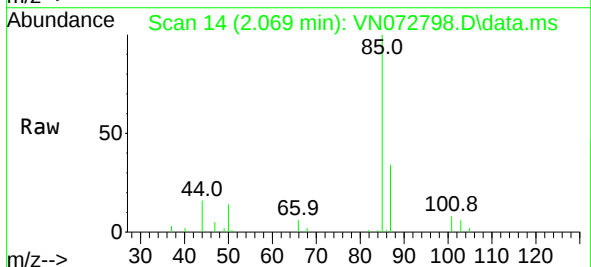
Tgt Ion:168 Resp: 15593
Ion Ratio Lower Upper
168 100
99 72.8 42.3 63.5

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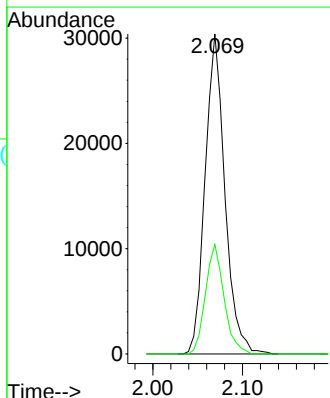
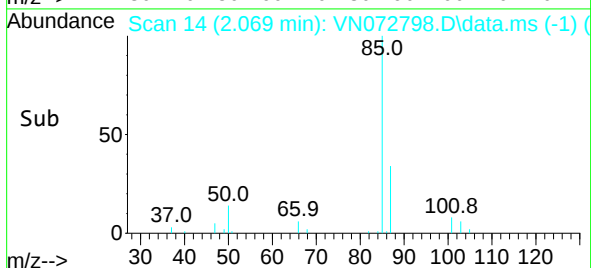
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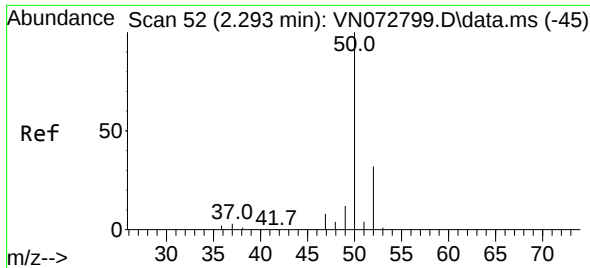


#2
Dichlorodifluoromethane
Concen: 22.878 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



Tgt Ion: 85 Resp: 46511
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.1





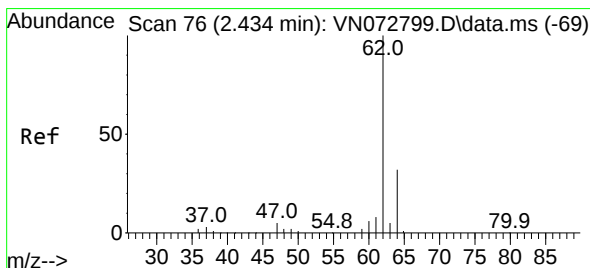
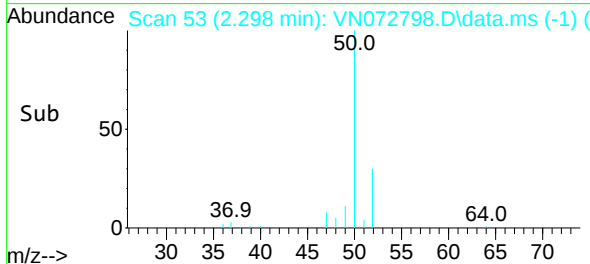
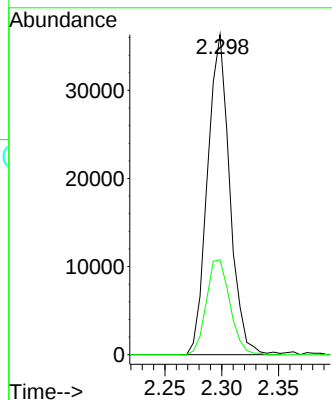
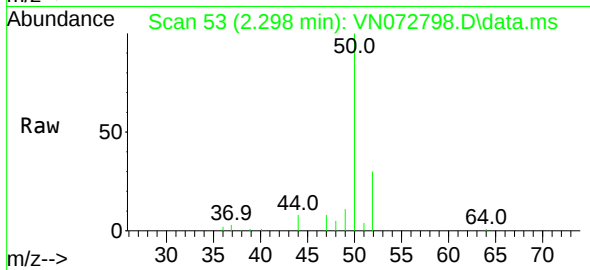
#3
Chloromethane
Concen: 22.575 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 49480
Ion Ratio Lower Upper
50 100
52 29.6 25.7 38.5

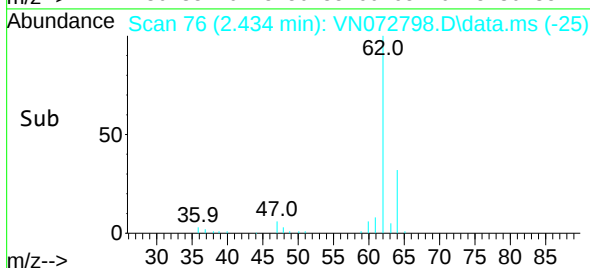
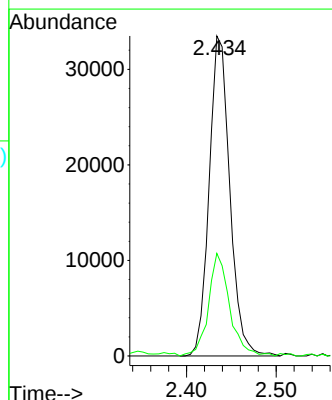
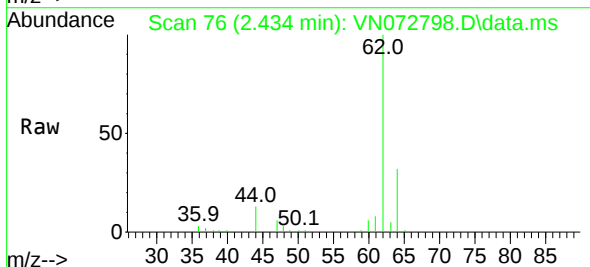
Manual Integrations
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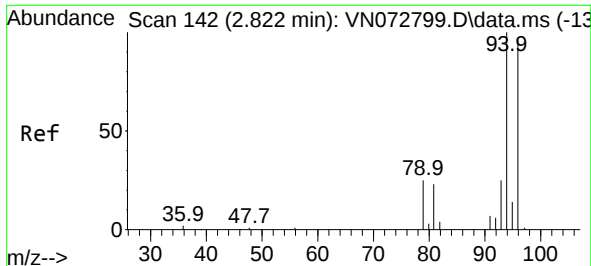
Reviewed By :John Carlone 06/14/2022
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#4
Vinyl Chloride
Concen: 29.315 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

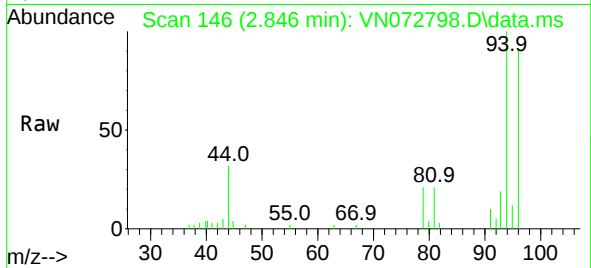
Tgt Ion: 62 Resp: 53536
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 21.644 ug/l
RT: 2.846 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

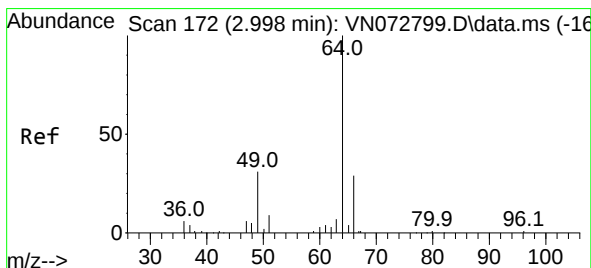
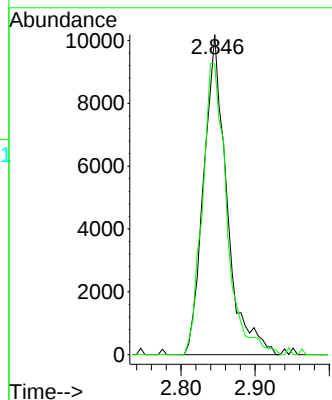
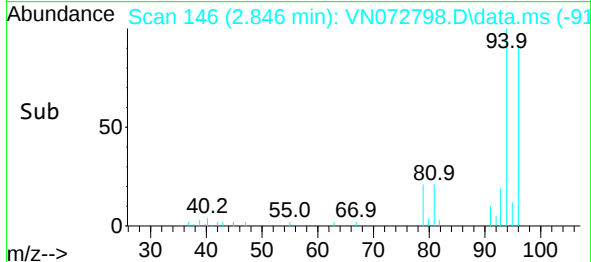
Instrument :
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Tgt Ion: 94 Resp: 22114
Ion Ratio Lower Upper
94 100
96 90.9 76.0 114.0

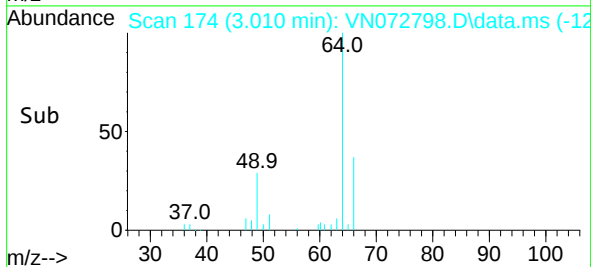
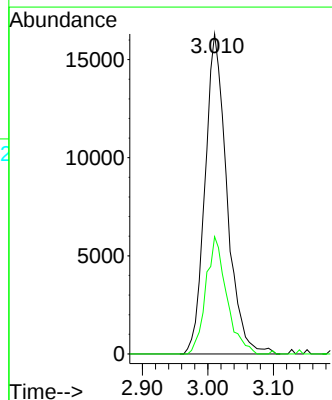
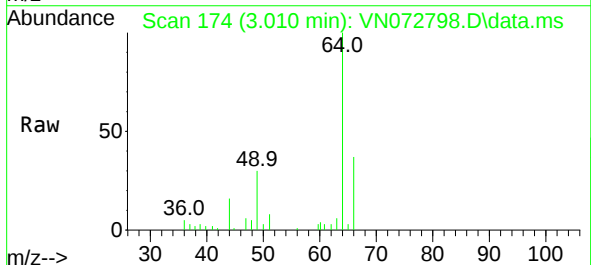
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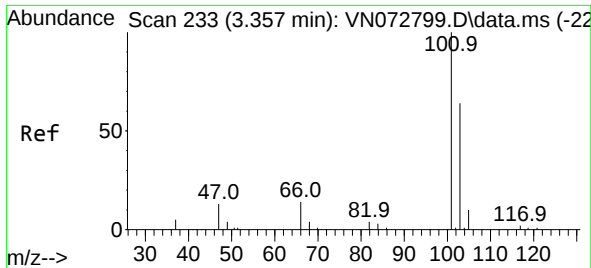
Reviewed By :John Carlone 06/14/2022
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#6
Chloroethane
Concen: 31.285 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 64 Resp: 37863
Ion Ratio Lower Upper
64 100
66 36.7 26.2 39.4





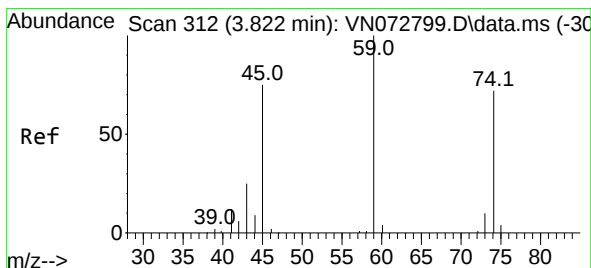
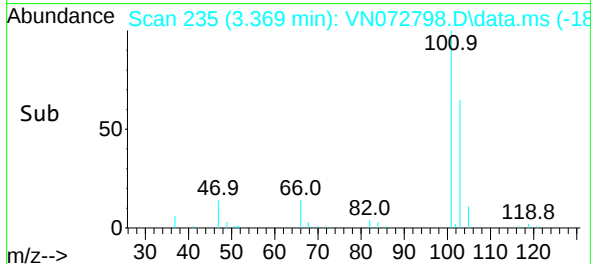
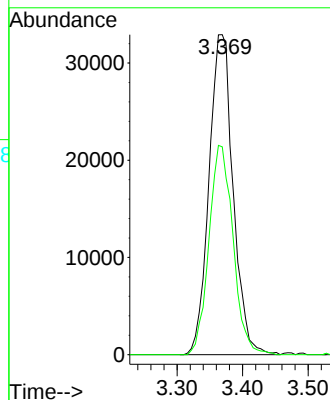
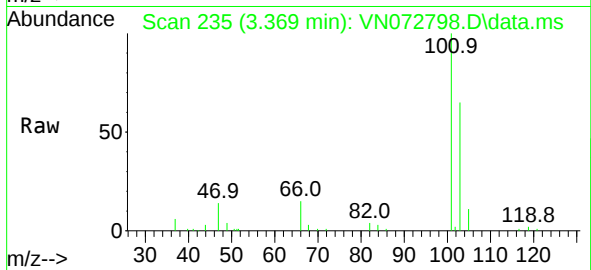
#7
Trichlorofluoromethane
Concen: 25.658 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
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Tgt Ion:101 Resp: 84274
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

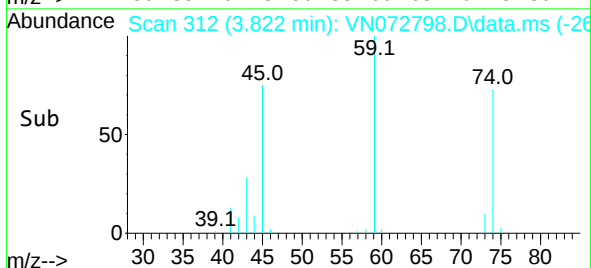
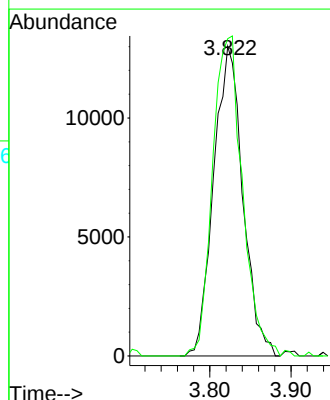
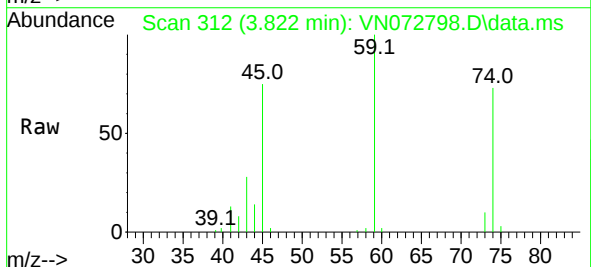
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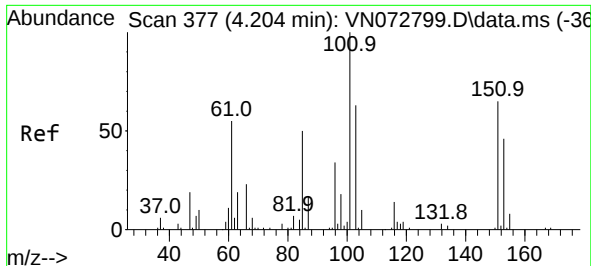
Reviewed By :John Carlone 06/14/2022
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#8
Diethyl Ether
Concen: 27.077 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 74 Resp: 32483
Ion Ratio Lower Upper
74 100
45 106.1 42.9 128.5





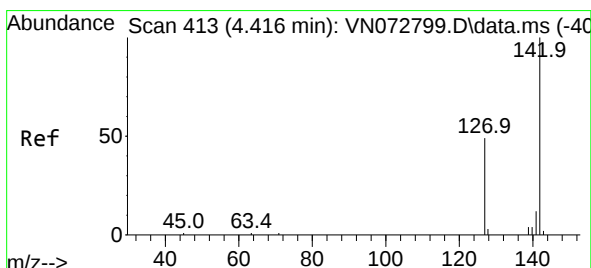
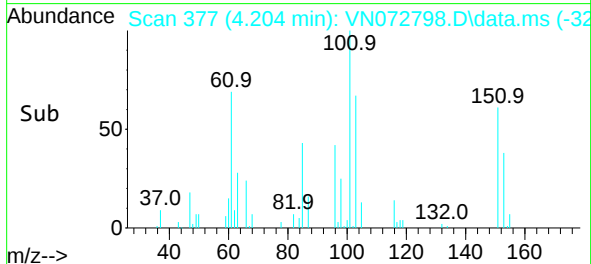
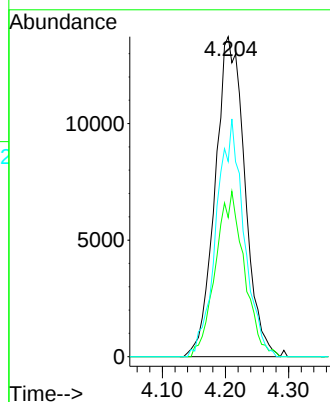
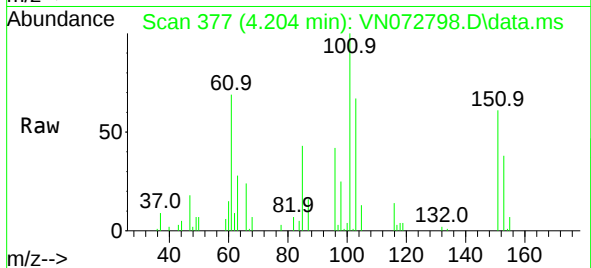
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.934 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 44764
Ion Ratio Lower Upper
101 100
85 50.3 34.7 52.1
151 69.3 63.0 94.4

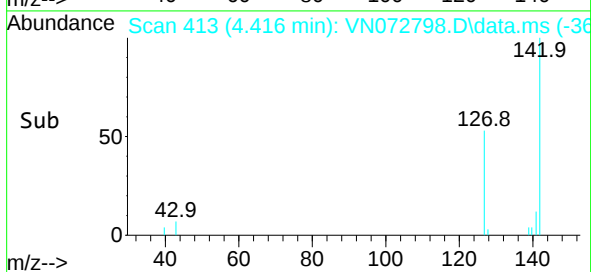
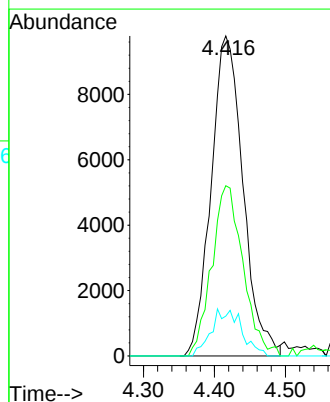
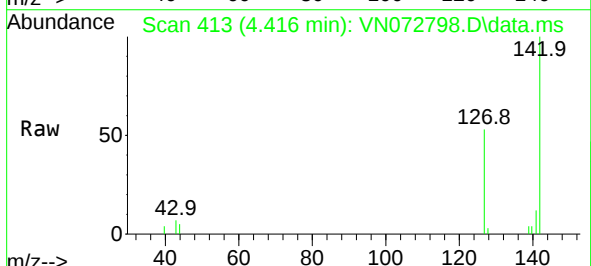
Manual Integrations
APPROVED

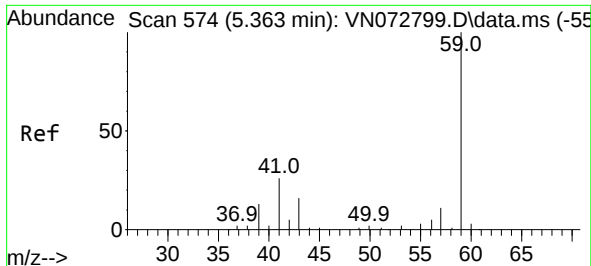
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#10
Methyl Iodide
Concen: 14.373 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:142 Resp: 30555
Ion Ratio Lower Upper
142 100
127 52.1 31.3 46.9#
141 7.1 11.2 16.8#





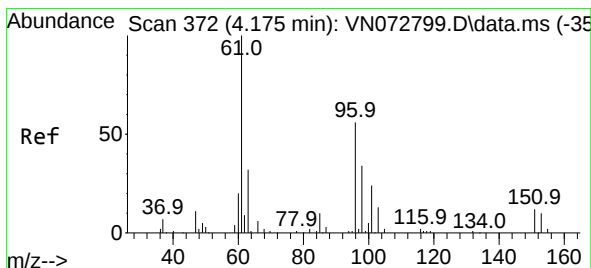
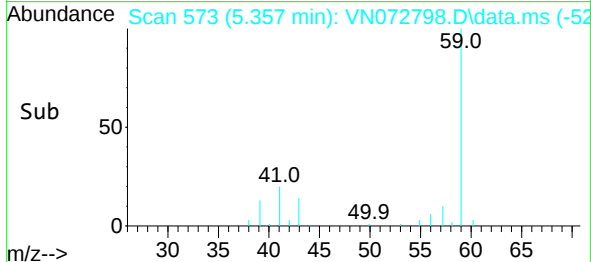
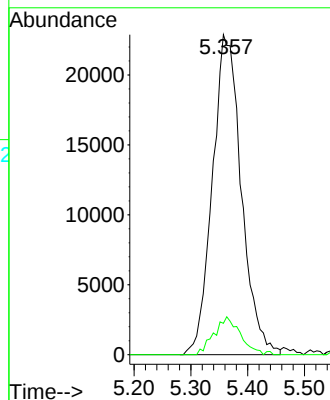
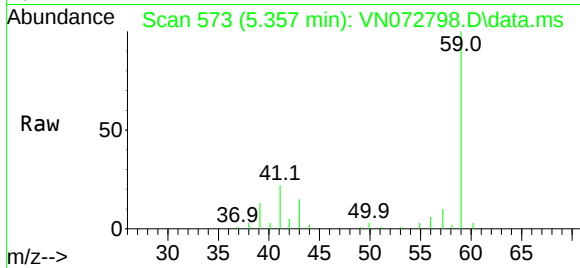
#11
Tert butyl alcohol
Concen: 165.424 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 81036
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

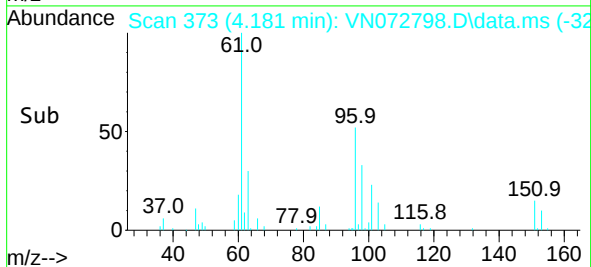
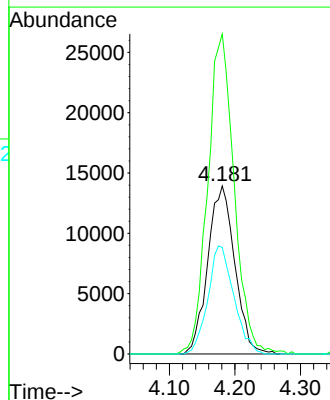
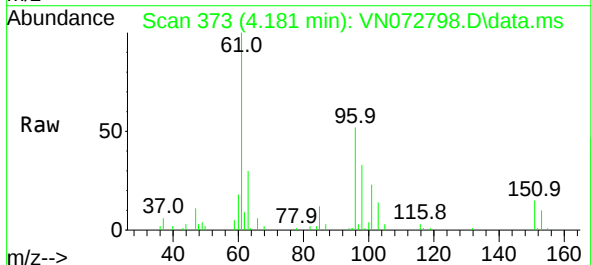
Manual Integrations
APPROVED

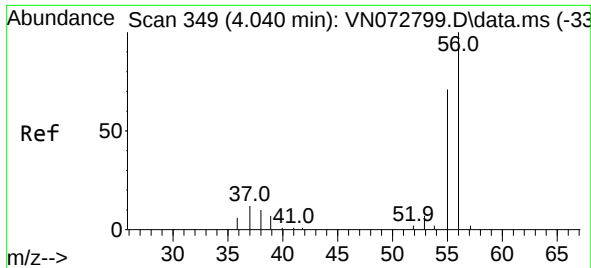
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#12
1,1-Dichloroethene
Concen: 24.048 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

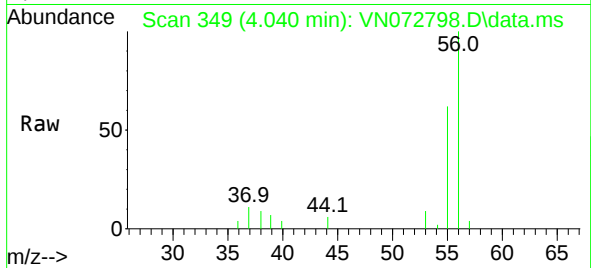
Tgt Ion: 96 Resp: 39908
Ion Ratio Lower Upper
96 100
61 189.4 127.6 191.4
98 63.5 51.2 76.8





#13
Acrolein
Concen: 57.133 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

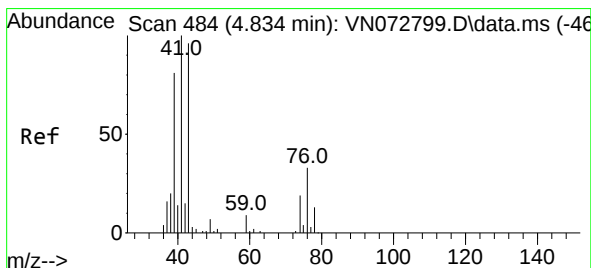
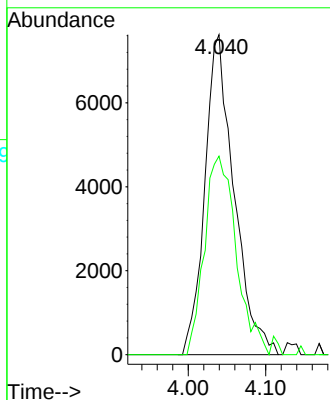
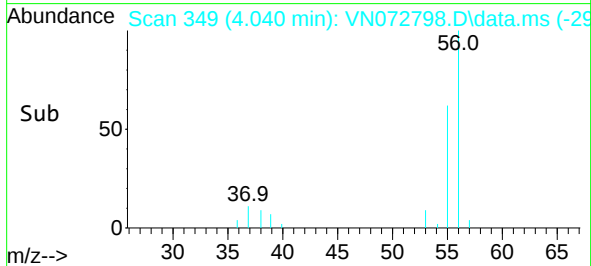
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



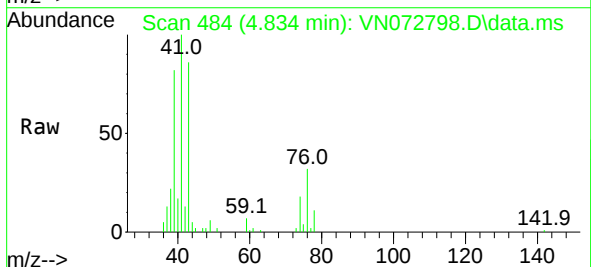
Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
55 67.4 54.8 82.2

Manual Integrations
APPROVED

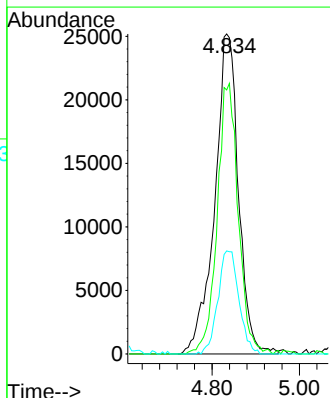
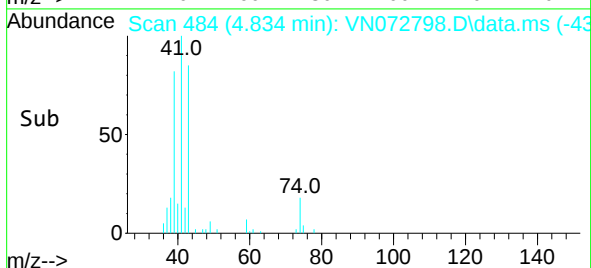
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

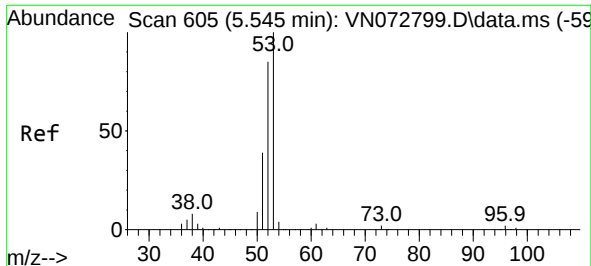


#14
Allyl chloride
Concen: 29.369 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



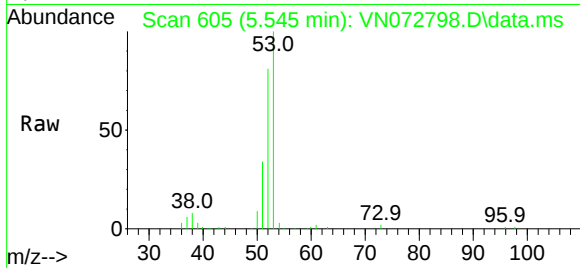
Tgt Ion: 41 Resp: 95152
Ion Ratio Lower Upper
41 100
39 74.7 53.2 79.8
76 28.3 29.9 44.9#





#15
Acrylonitrile
Concen: 165.911 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

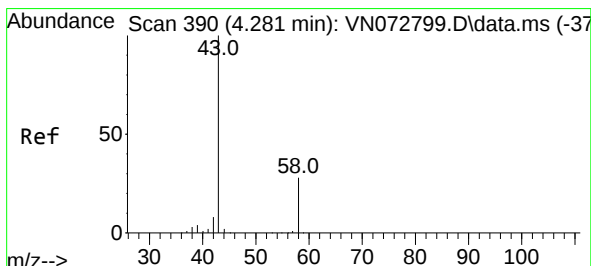
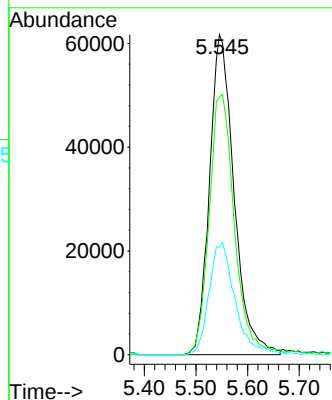
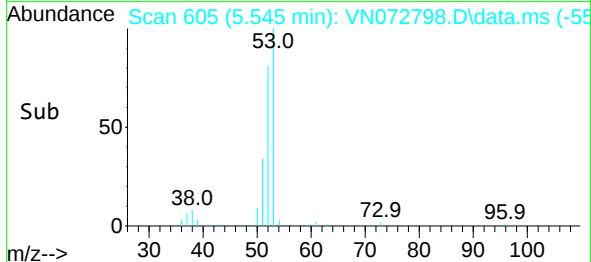
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



Tgt Ion: 53 Resp: 20345
Ion Ratio Lower Upper
53 100
52 83.5 66.4 99.6
51 37.0 28.5 42.7

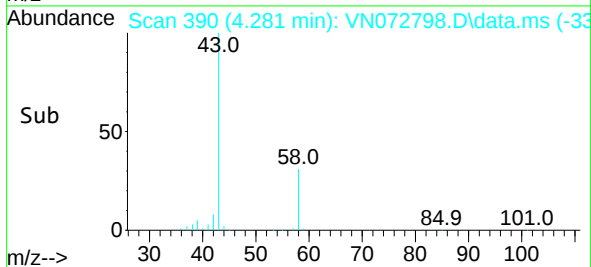
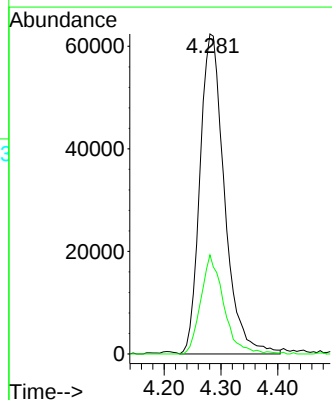
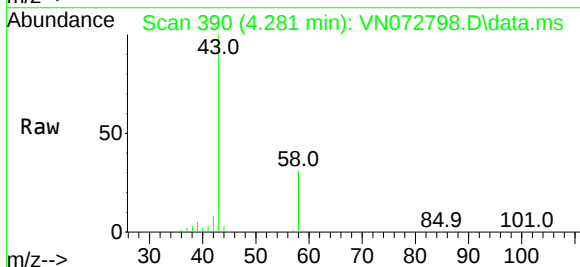
Manual Integrations
APPROVED

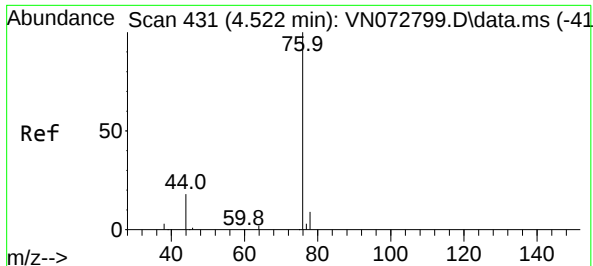
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#16
Acetone
Concen: 168.029 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 43 Resp: 187162
Ion Ratio Lower Upper
43 100
58 30.9 26.0 39.0





#17

Carbon Disulfide

Concen: 21.104 ug/l

RT: 4.528 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 8746

Ion Ratio Lower Upper

76 100

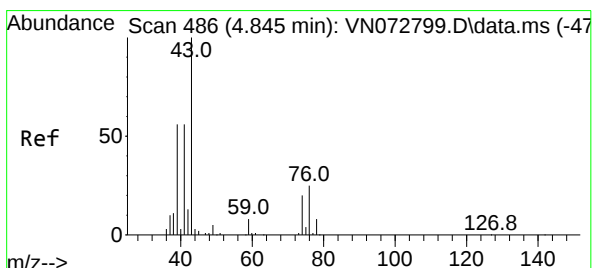
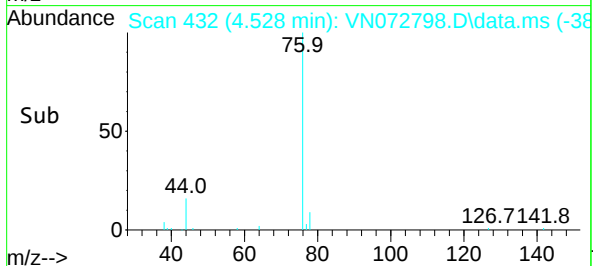
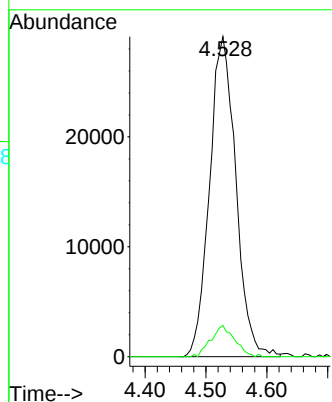
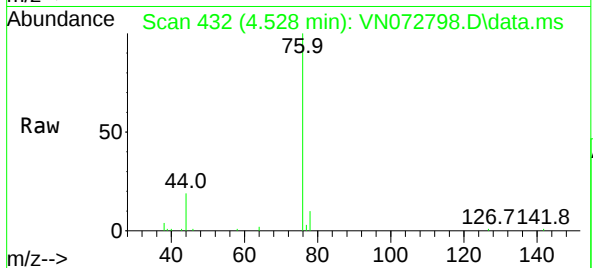
78 9.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#18

Methyl Acetate

Concen: 31.957 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN072798.D

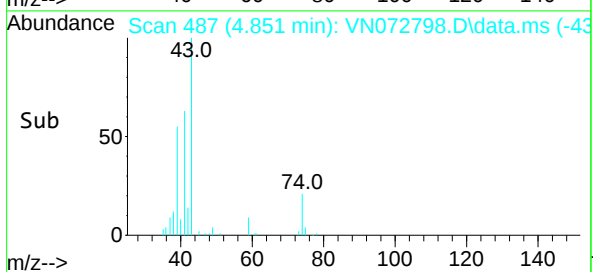
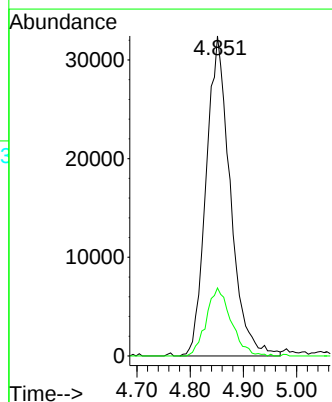
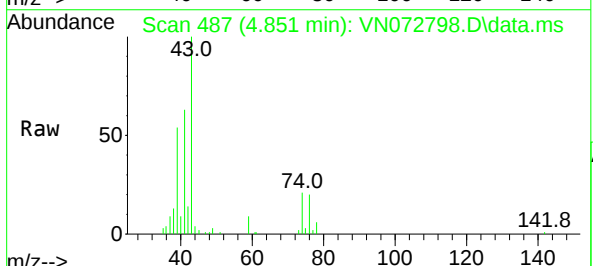
Acq: 13 Jun 2022 11:26

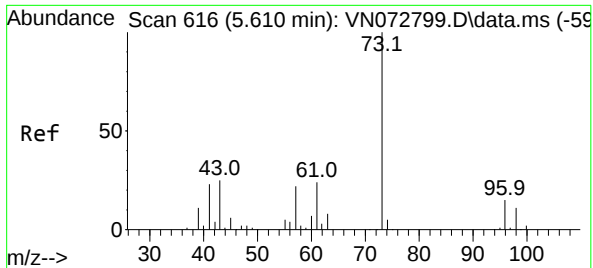
Tgt Ion: 43 Resp: 101855

Ion Ratio Lower Upper

43 100

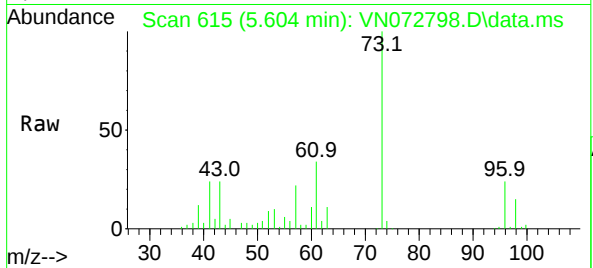
74 21.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 31.153 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

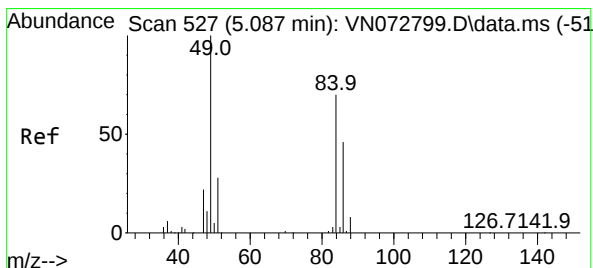
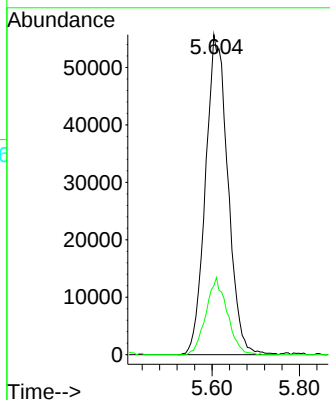
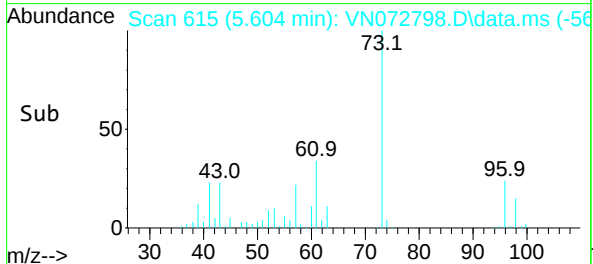
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 198114
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

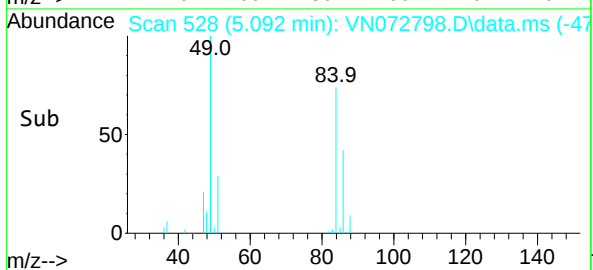
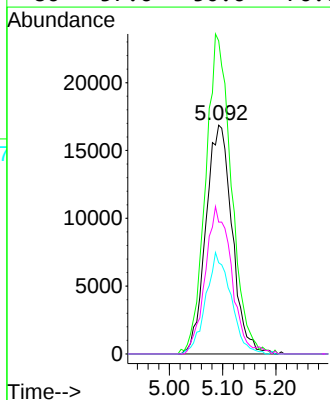
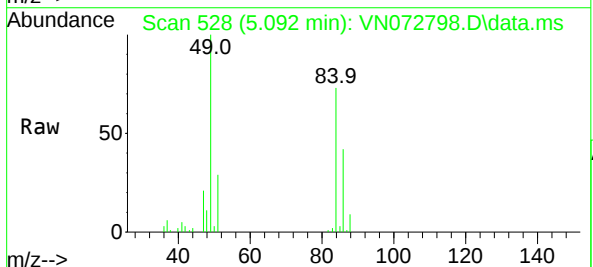
Manual Integrations
APPROVED

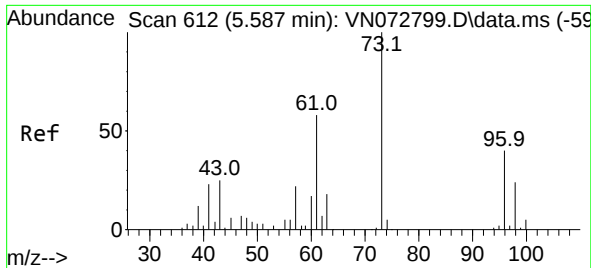
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#20
Methylene Chloride
Concen: 27.477 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 84 Resp: 57761
Ion Ratio Lower Upper
84 100
49 136.8 88.3 132.5#
51 39.8 28.2 42.2
86 57.6 50.6 76.0





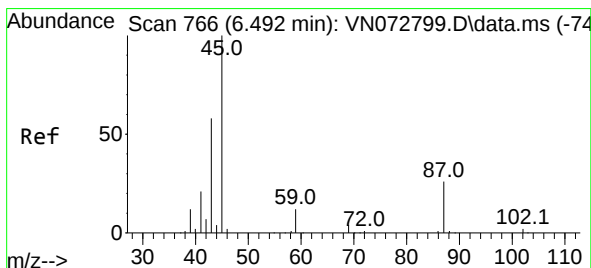
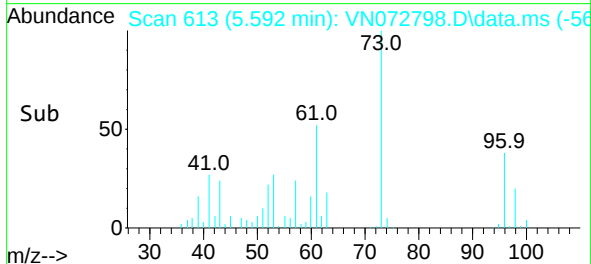
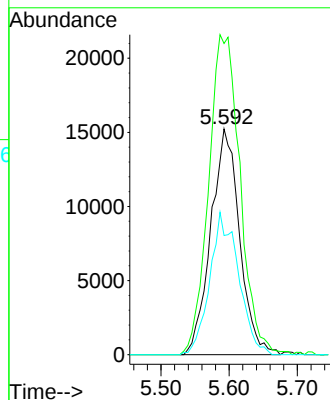
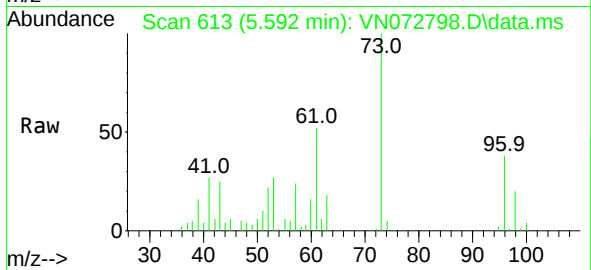
#21
trans-1,2-Dichloroethene
Concen: 25.681 ug/l
RT: 5.592 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 44740
Ion Ratio Lower Upper
96 100
61 137.8 105.8 158.8
98 52.8 50.3 75.5

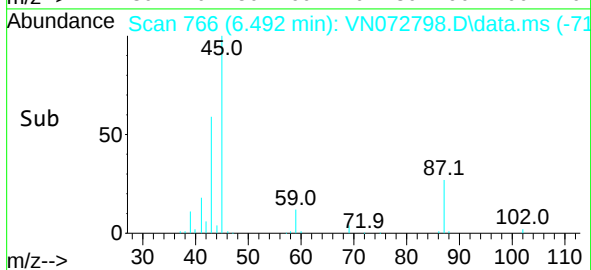
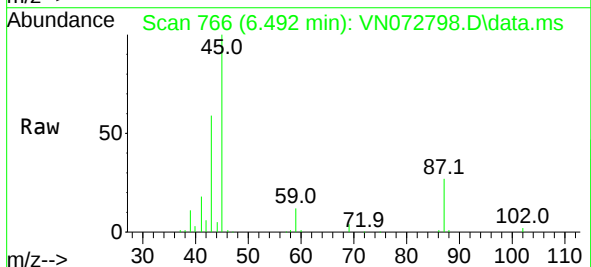
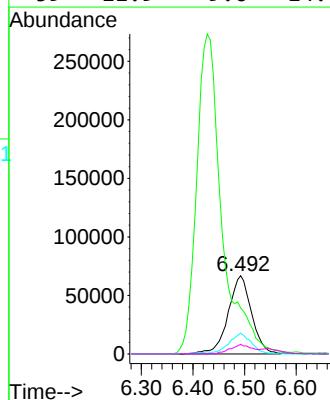
Manual Integrations
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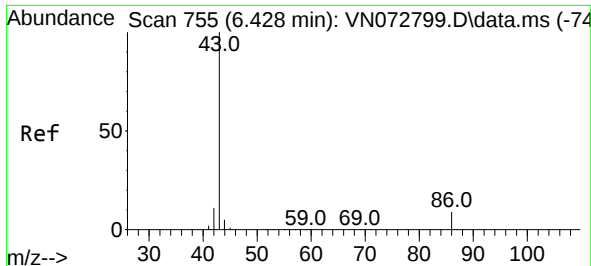
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#22
Diisopropyl ether
Concen: 31.207 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 45 Resp: 209437
Ion Ratio Lower Upper
45 100
43 55.3 46.6 70.0
87 26.7 24.3 36.5
59 11.9 9.6 14.4





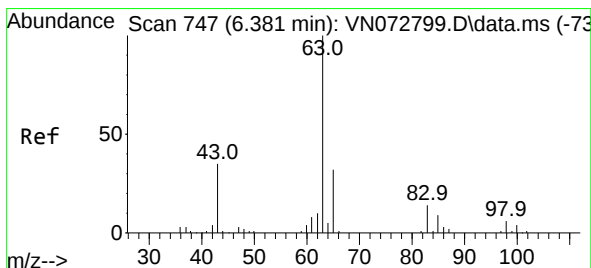
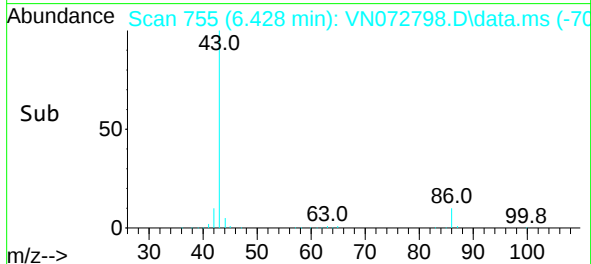
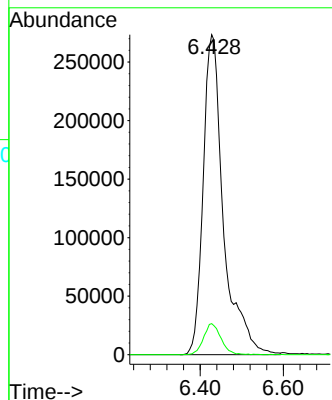
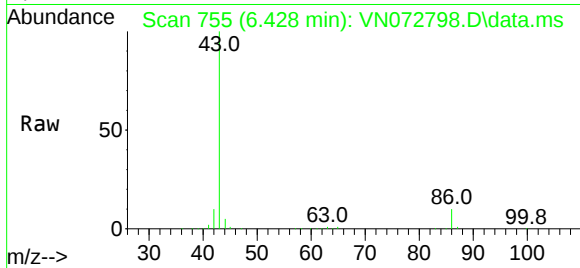
#23
 Vinyl Acetate
 Concen: 162.491 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072798.D
 Acq: 13 Jun 2022 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 928990
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

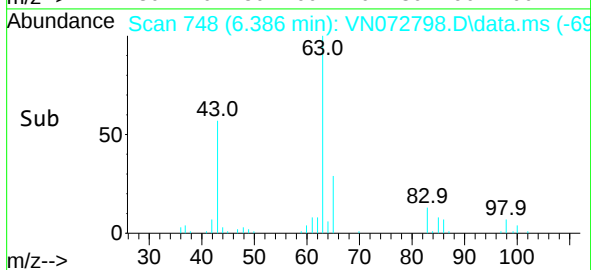
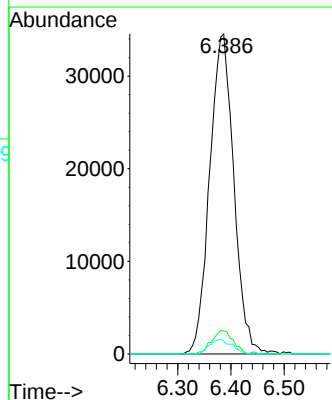
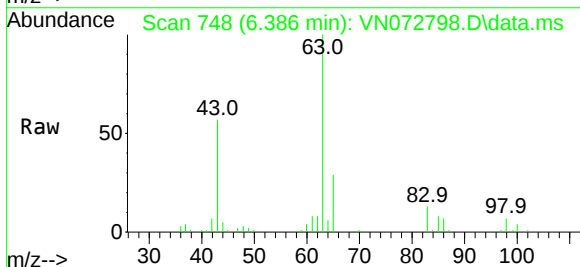
Manual Integrations
 APPROVED

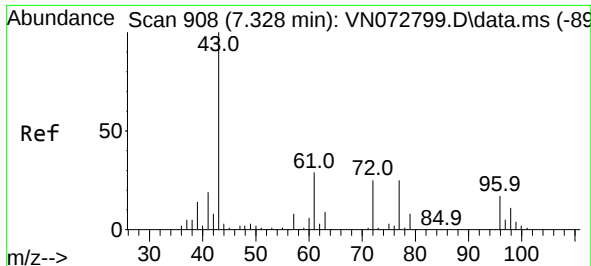
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#24
 1,1-Dichloroethane
 Concen: 29.426 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072798.D
 Acq: 13 Jun 2022 11:26

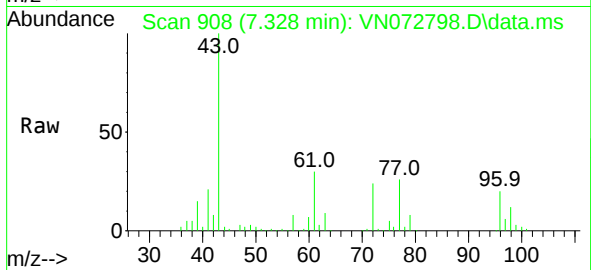
Tgt Ion: 63 Resp: 108683
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 170.288 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

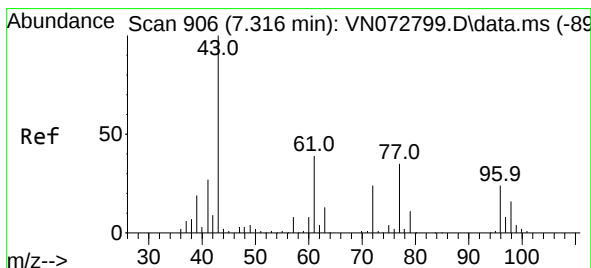
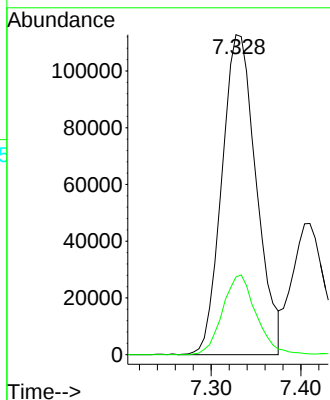
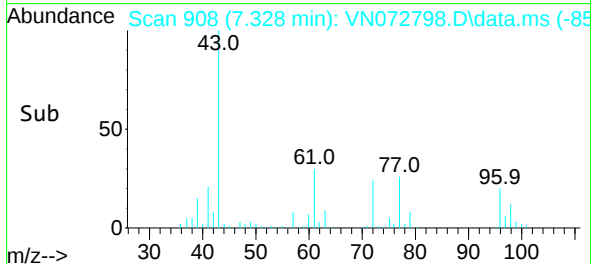
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



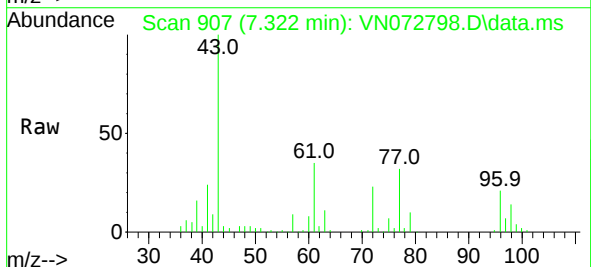
Tgt Ion: 43 Resp: 30136
Ion Ratio Lower Upper
43 100
72 24.3 23.7 35.5

Manual Integrations
APPROVED

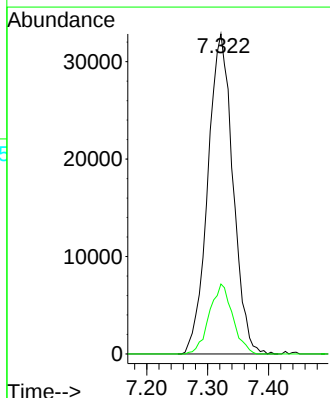
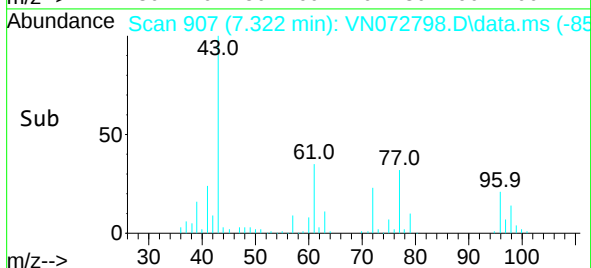
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

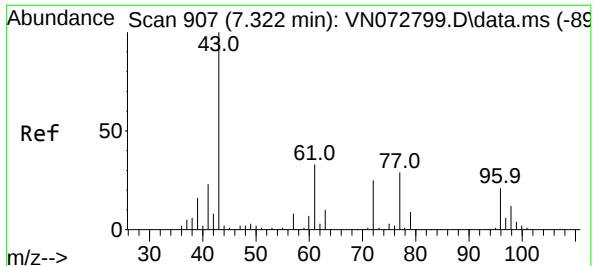


#26
2,2-Dichloropropane
Concen: 29.782 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



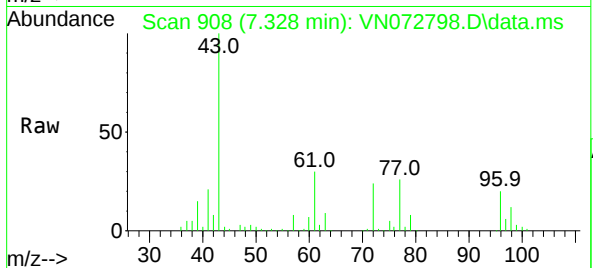
Tgt Ion: 77 Resp: 94076
Ion Ratio Lower Upper
77 100
97 20.3 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 27.930 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

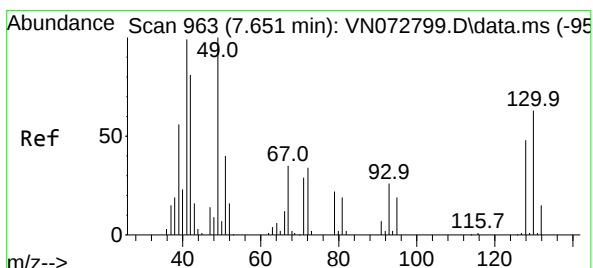
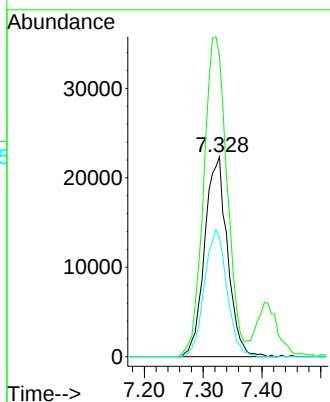
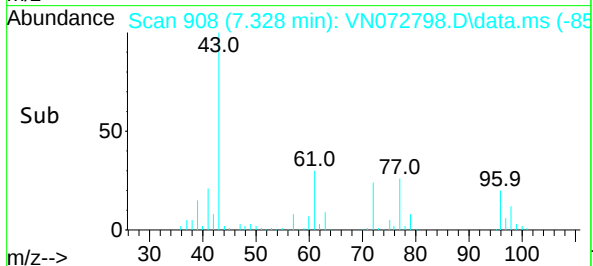
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 6021
Ion Ratio Lower Upper
96 100
61 164.6 0.0 280.6
98 62.7 0.0 128.4

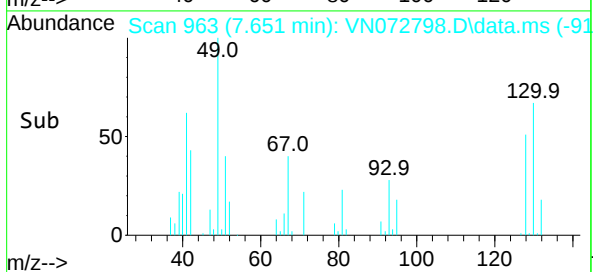
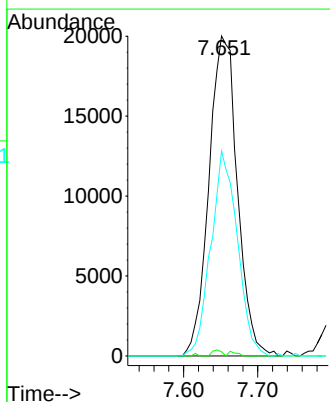
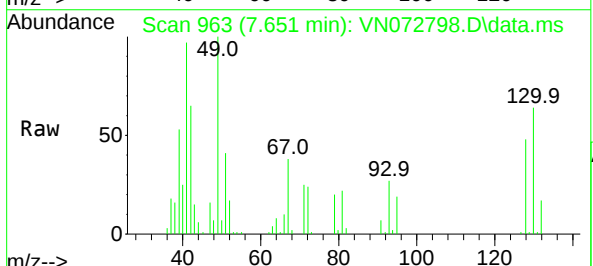
Manual Integrations
APPROVED

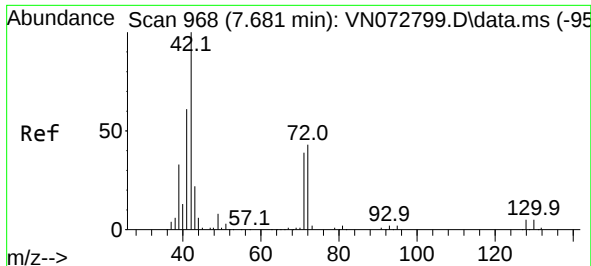
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#28
Bromochloromethane
Concen: 32.419 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 49 Resp: 53344
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 59.7 69.7 104.5#





#29

Tetrahydrofuran

Concen: 167.980 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

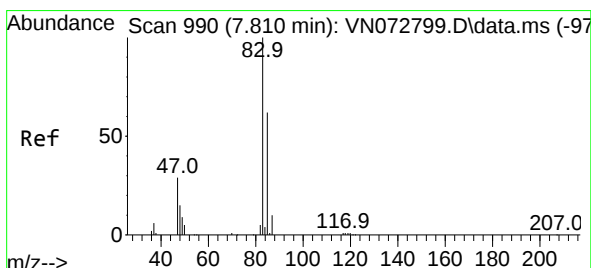
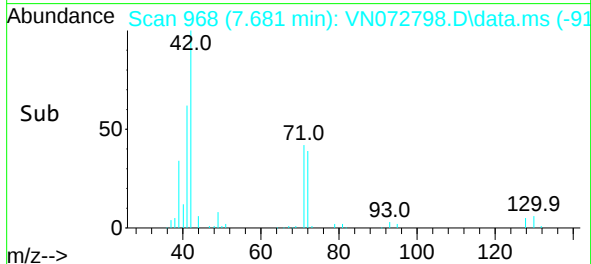
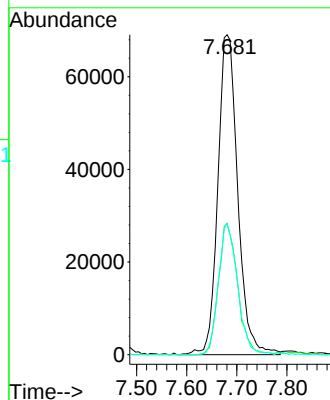
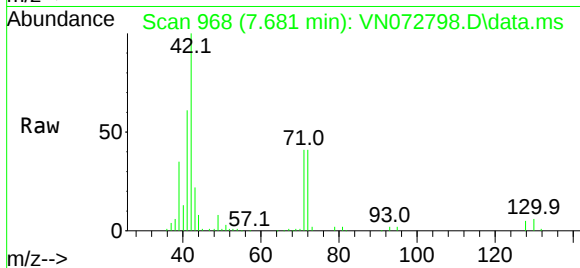
Tgt Ion: 42 Resp: 190224
 Ion Ratio Lower Upper
 42 100
 72 39.5 39.7 59.5
 71 39.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#30

Chloroform

Concen: 29.912 ug/l

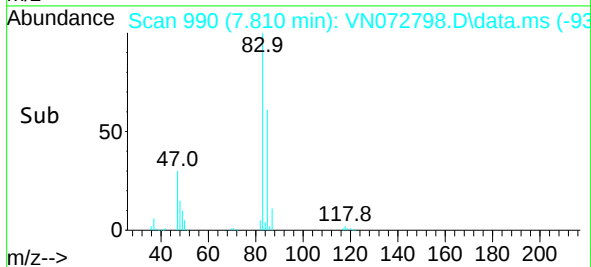
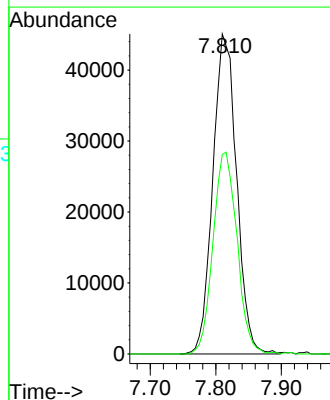
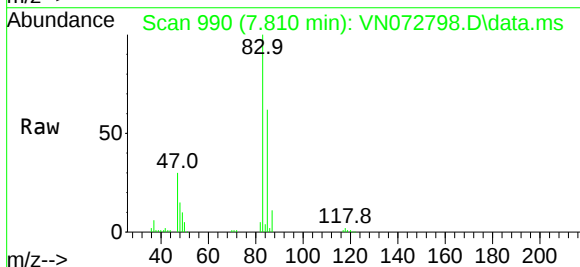
RT: 7.810 min Scan# 990

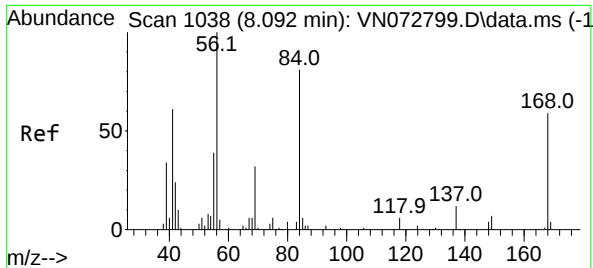
Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

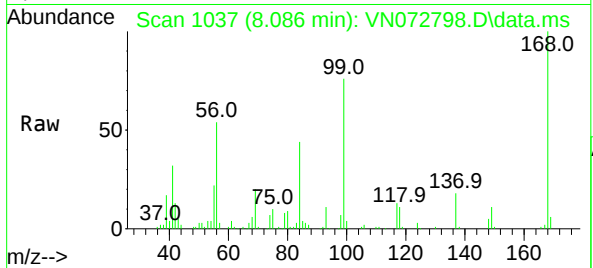
Tgt Ion: 83 Resp: 113434
 Ion Ratio Lower Upper
 83 100
 85 62.3 51.8 77.8





#31
Cyclohexane
Concen: 25.753 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

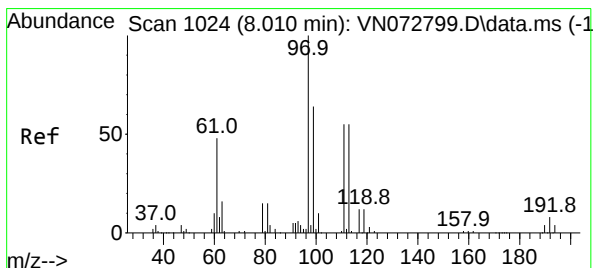
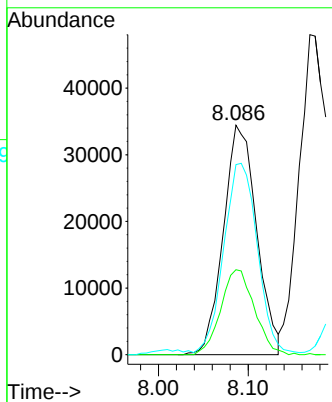
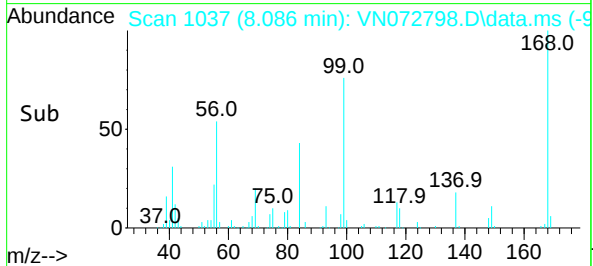
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



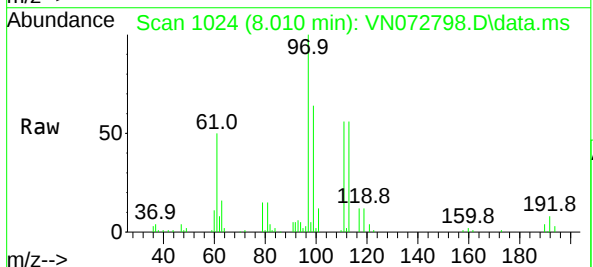
Tgt Ion: 56 Resp: 88584
Ion Ratio Lower Upper
56 100
69 37.0 27.8 41.8
84 80.8 76.9 115.3

Manual Integrations
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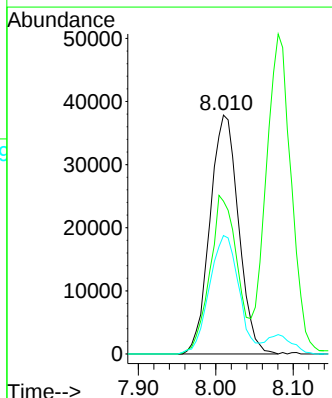
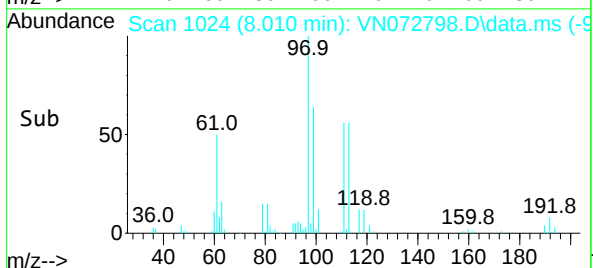
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

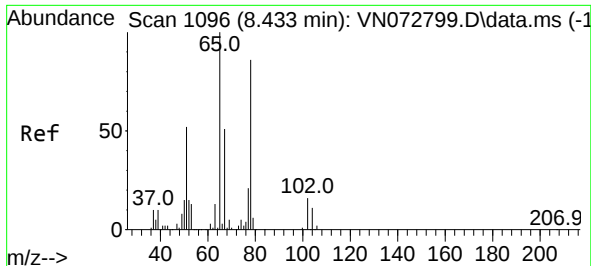


#32
1,1,1-Trichloroethane
Concen: 28.206 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



Tgt Ion: 97 Resp: 97063
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 51.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 31.599 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 8858

Ion Ratio Lower Upper

65 100

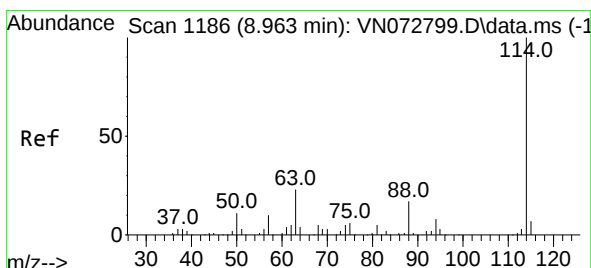
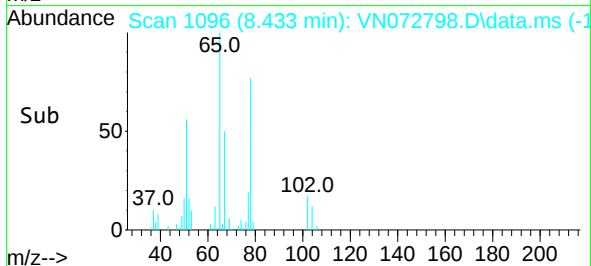
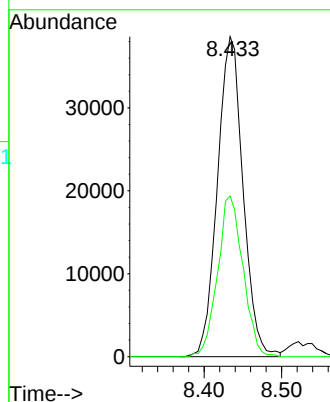
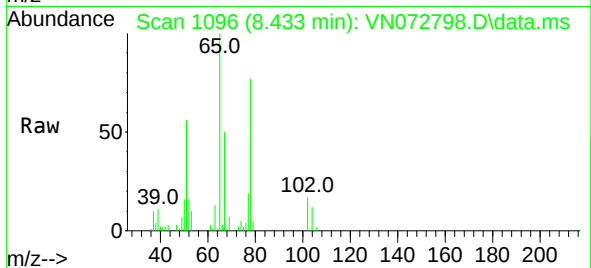
67 49.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

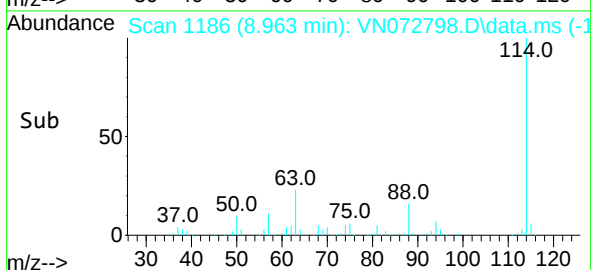
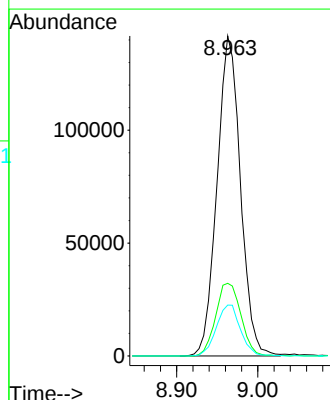
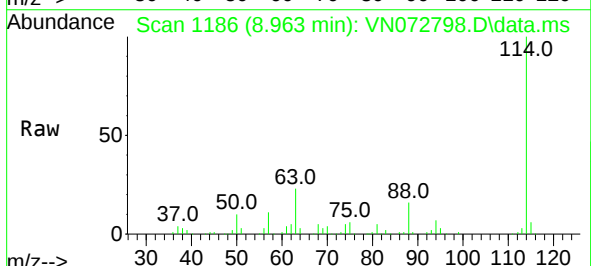
Tgt Ion:114 Resp: 284615

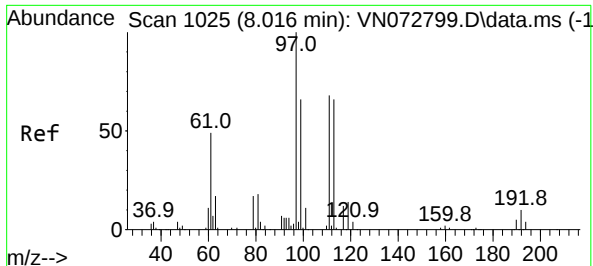
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 27.333 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

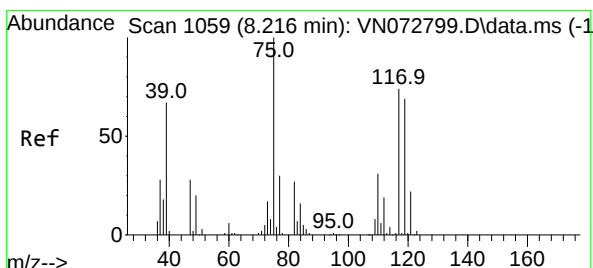
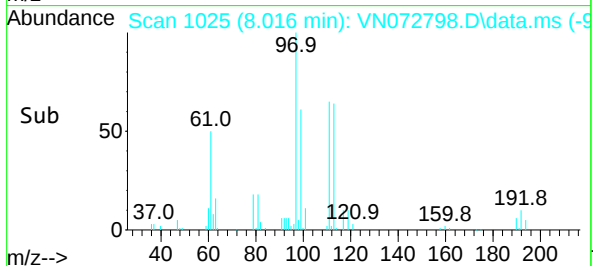
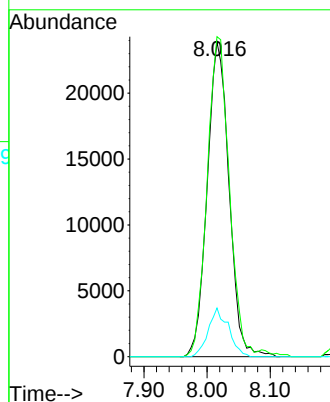
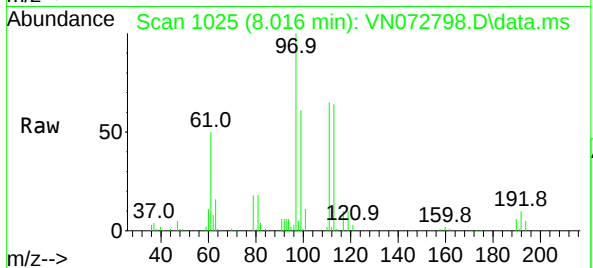
Tgt Ion:	113	Resp:	5734
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	14.3	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#36

1,1-Dichloropropene

Concen: 25.186 ug/l

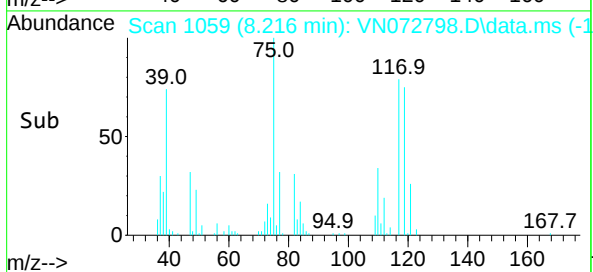
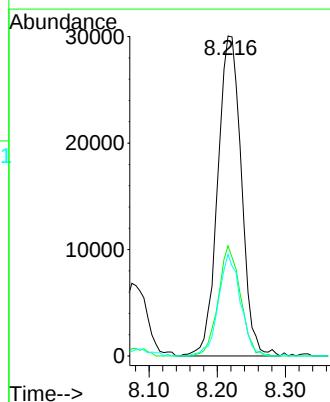
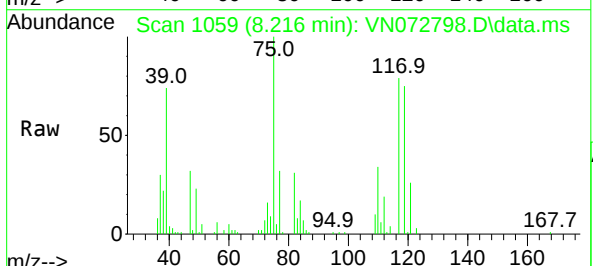
RT: 8.216 min Scan# 1059

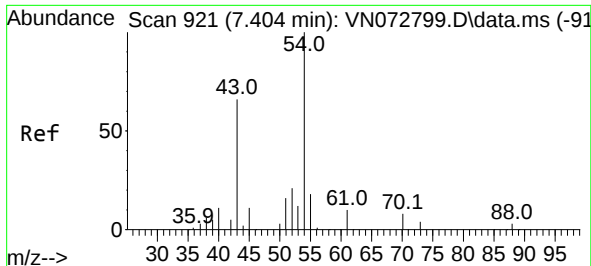
Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

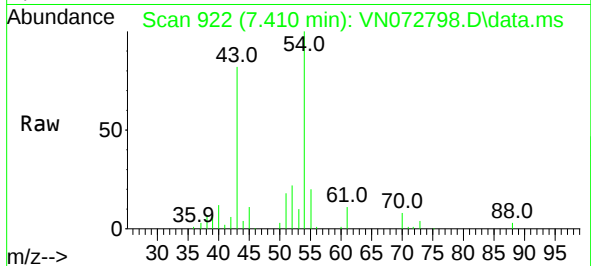
Tgt Ion:	75	Resp:	72717
Ion Ratio	Lower	Upper	
75	100		
110	32.1	18.3	54.8
77	29.7	25.1	37.7





#37
Ethyl Acetate
Concen: 32.042 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

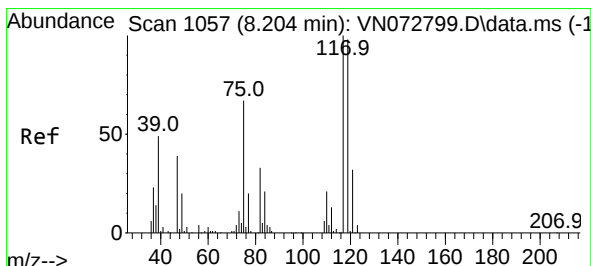
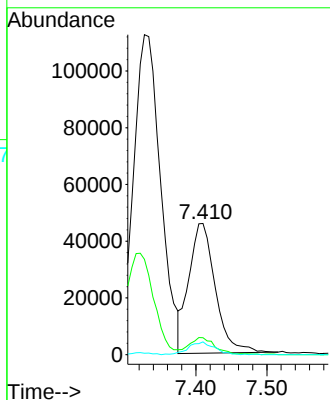
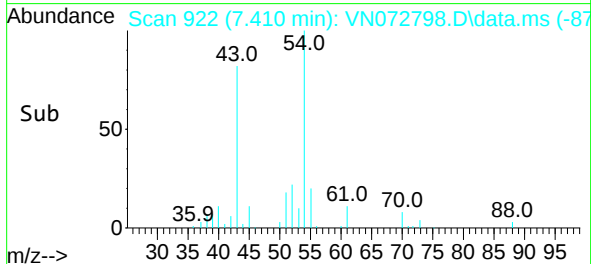
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 11884
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 9.6 9.3 13.9

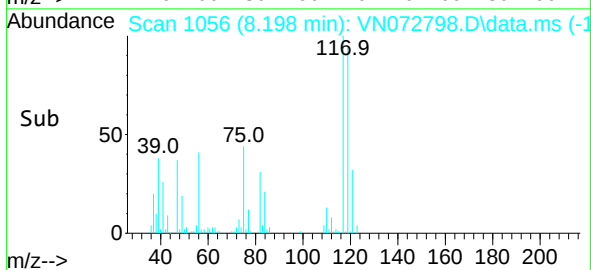
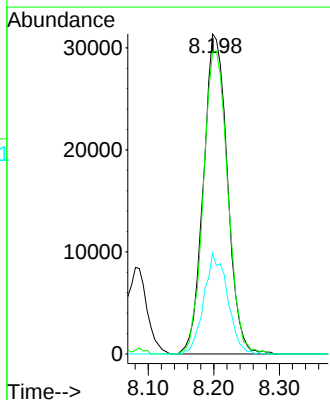
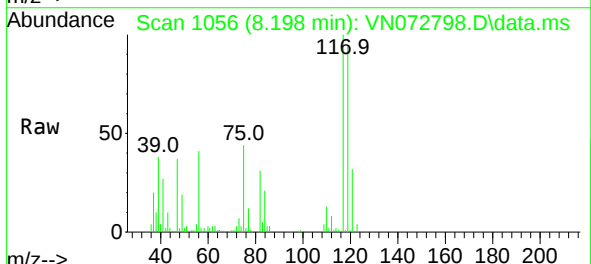
Manual Integrations
APPROVED

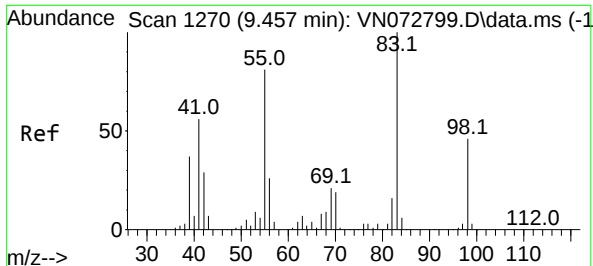
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#38
Carbon Tetrachloride
Concen: 24.786 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:117 Resp: 79633
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 25.944 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

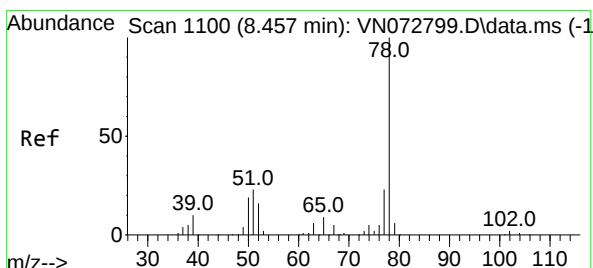
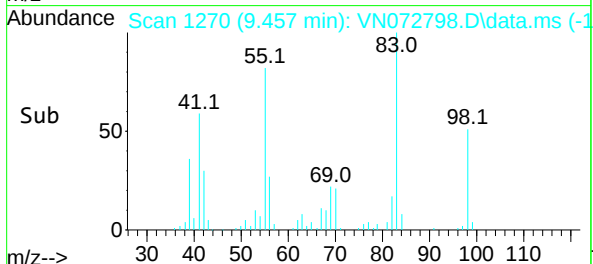
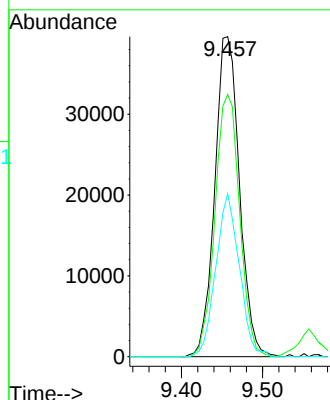
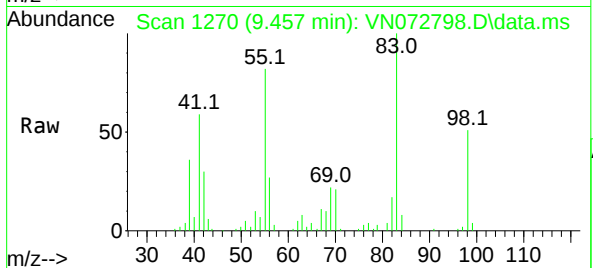
ClientSampleId :

VSTDICC020

Tgt Ion: 83	Resp: 8380
Ion Ratio	Lower Upper
83 100	
55 81.9	57.8 86.8
98 51.0	39.4 59.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#40

Benzene

Concen: 26.309 ug/l

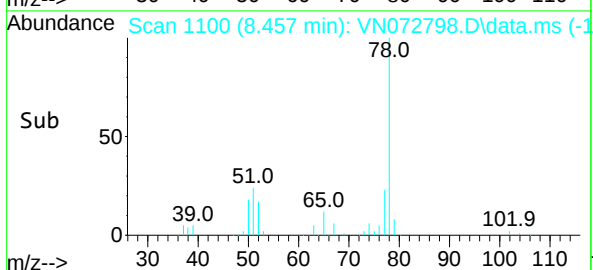
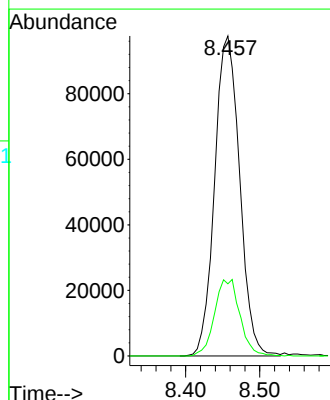
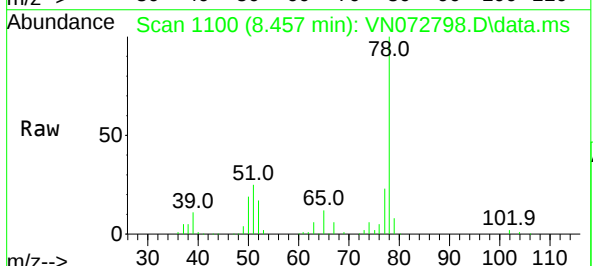
RT: 8.457 min Scan# 1100

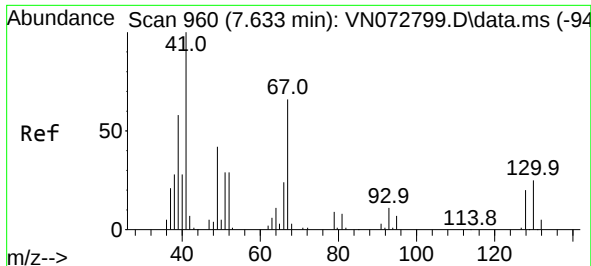
Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

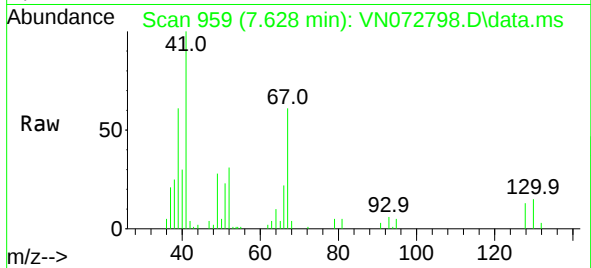
Tgt Ion: 78	Resp: 228581
Ion Ratio	Lower Upper
78 100	
77 22.5	19.4 29.0





#41
Methacrylonitrile
Concen: 28.482 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

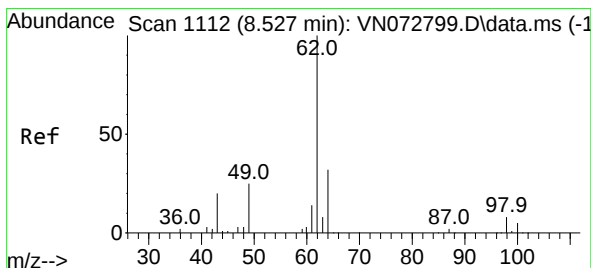
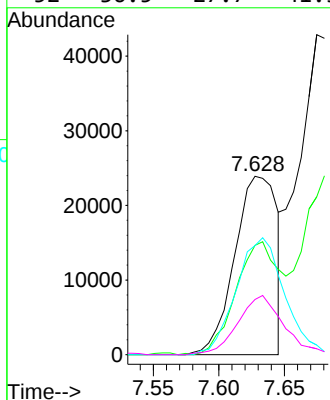
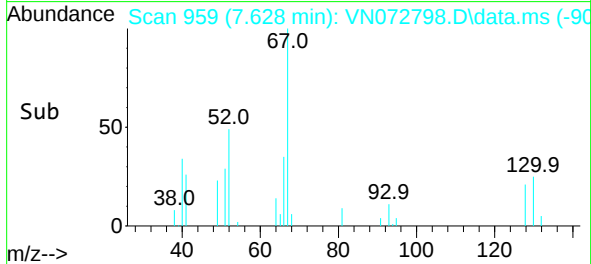
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41	Resp: 5349
Ion Ratio	Lower Upper
41 100	
39 67.4	48.6 73.0
67 75.1	73.4 110.2
52 36.5	27.7 41.5

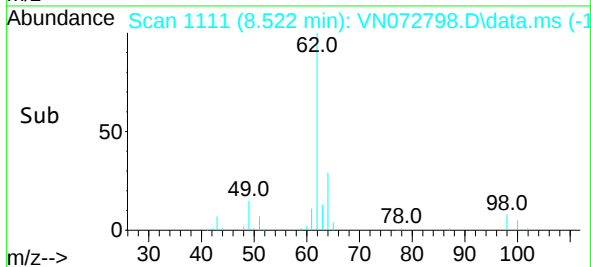
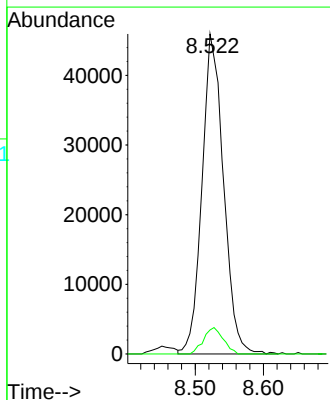
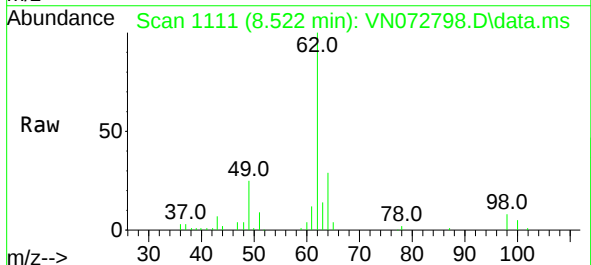
Manual Integrations
APPROVED

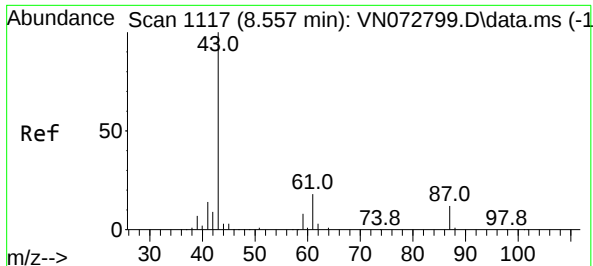
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#42
1,2-Dichloroethane
Concen: 28.255 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

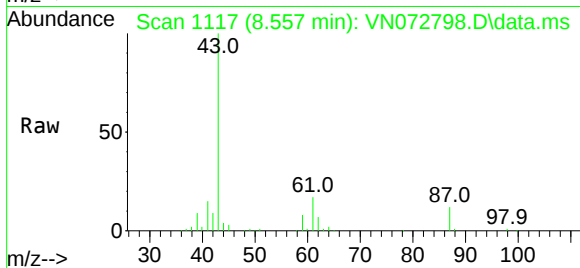
Tgt Ion: 62	Resp: 100868
Ion Ratio	Lower Upper
62 100	
98 7.6	0.0 19.4





#43
Isopropyl Acetate
Concen: 32.245 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

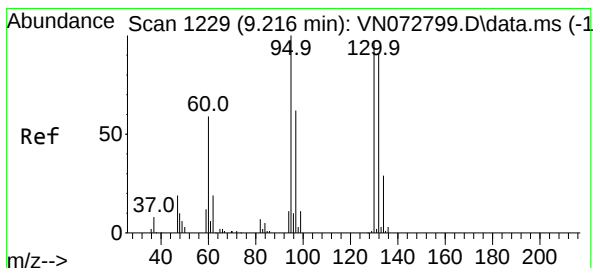
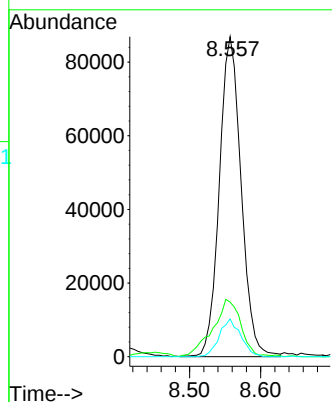
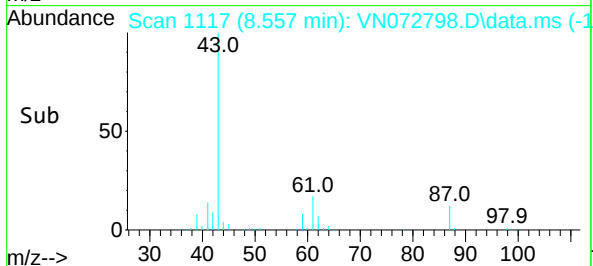
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 18503
Ion Ratio Lower Upper
43 100
61 23.2 21.9 32.9
87 11.6 12.0 18.0

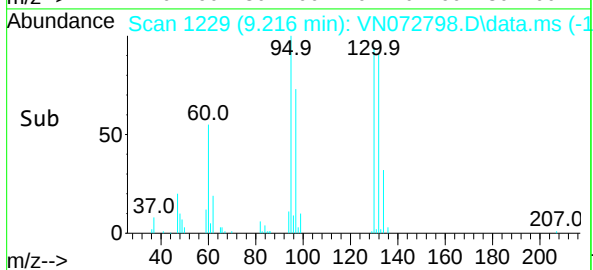
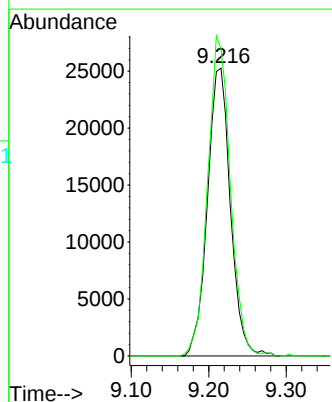
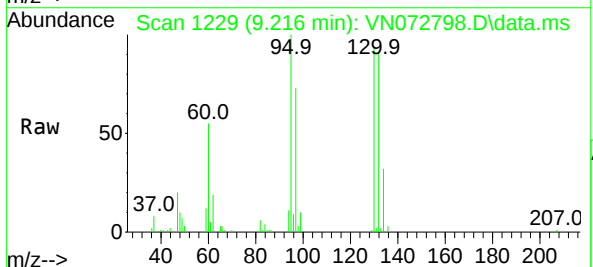
Manual Integrations
APPROVED

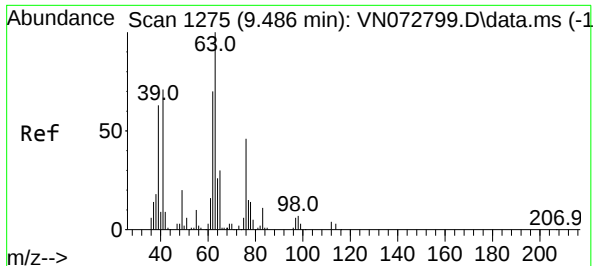
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#44
Trichloroethene
Concen: 24.061 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:130 Resp: 52118
Ion Ratio Lower Upper
130 100
95 106.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 29.399 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 6628

Ion Ratio Lower Upper

63 100

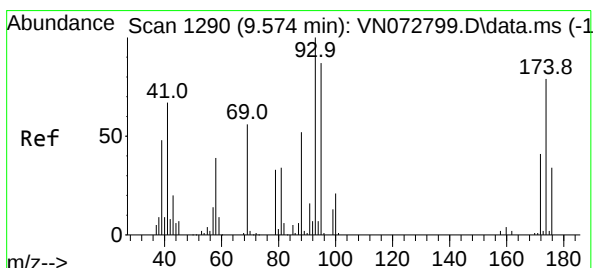
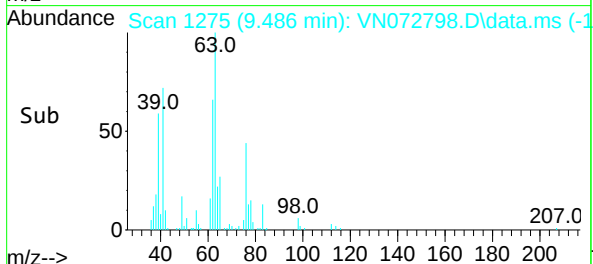
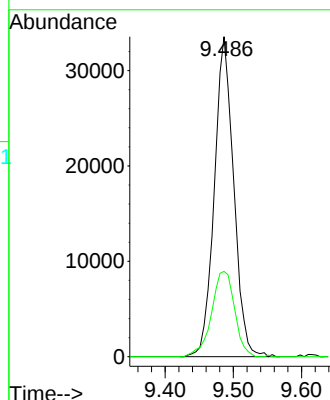
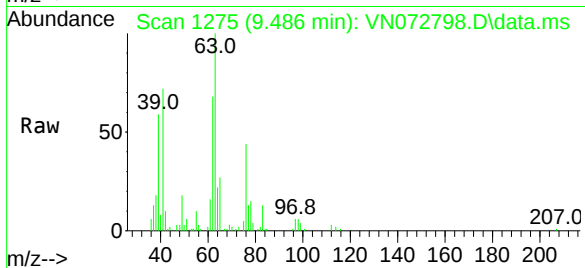
65 26.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#46

Dibromomethane

Concen: 27.615 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

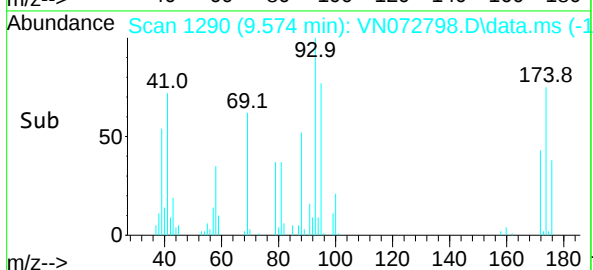
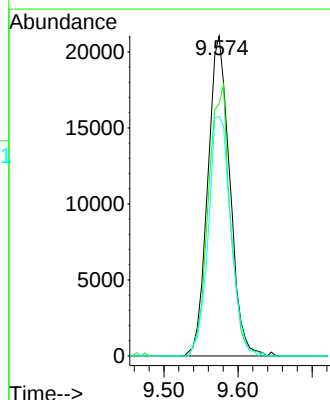
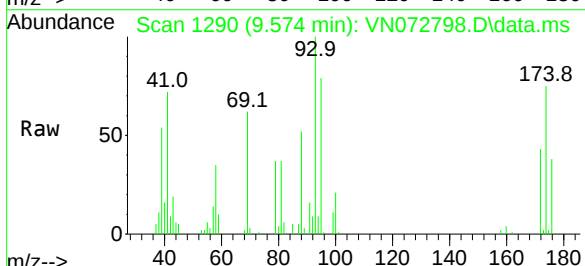
Tgt Ion: 93 Resp: 43483

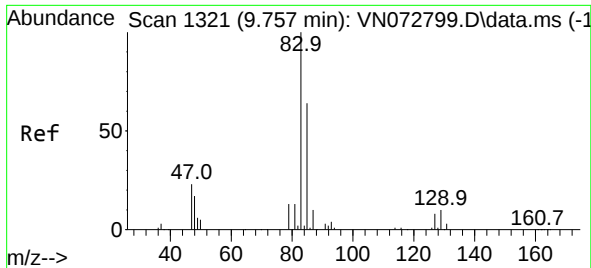
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 76.7 86.6 130.0#





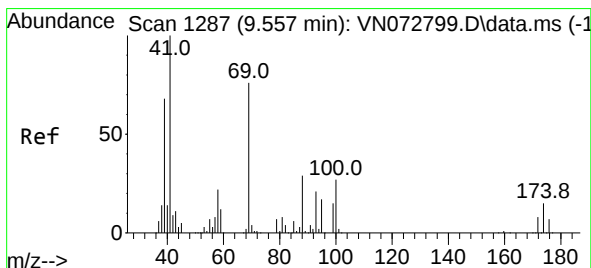
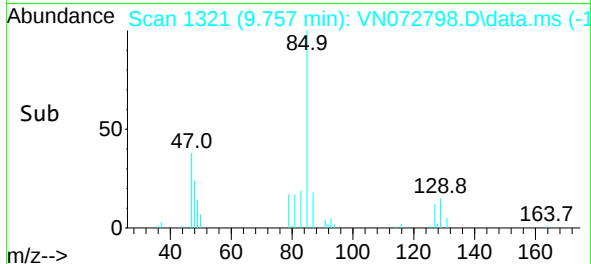
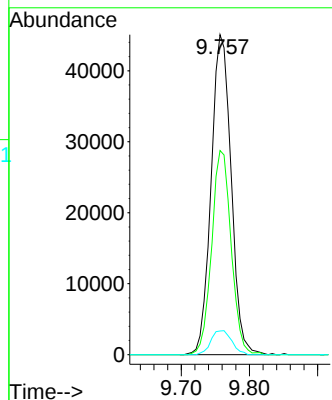
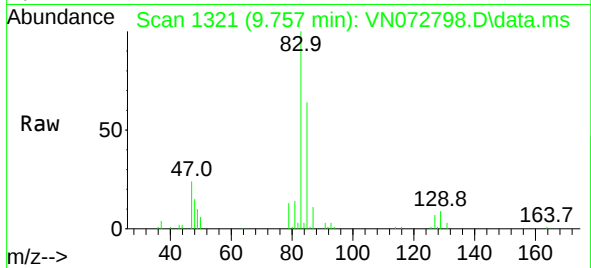
#47
Bromodichloromethane
Concen: 28.554 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 92100
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 7.4 6.8 10.2

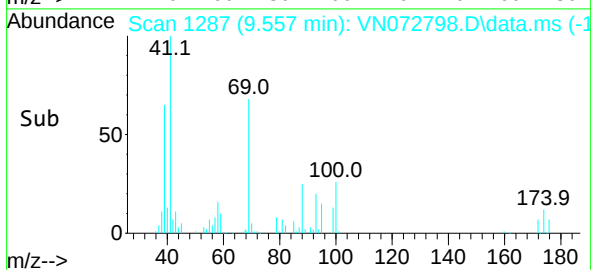
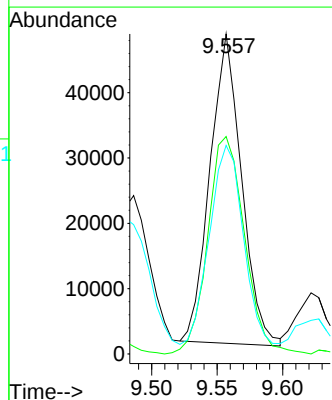
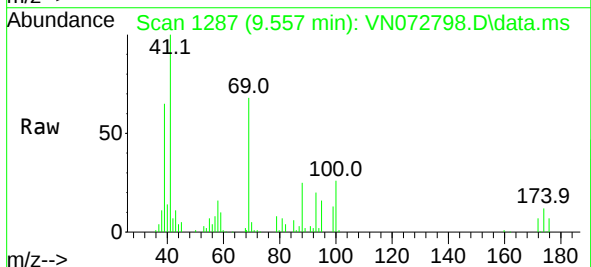
Manual Integrations
APPROVED

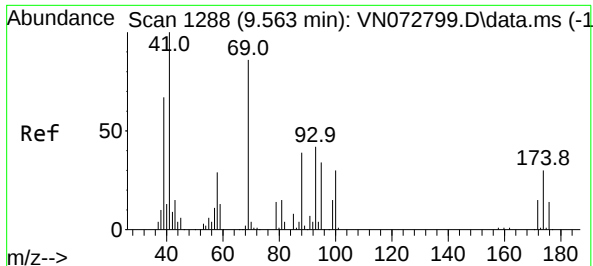
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#48
Methyl methacrylate
Concen: 30.104 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

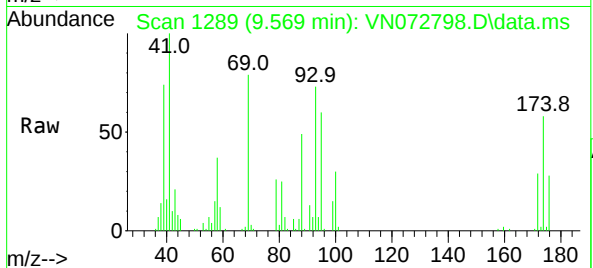
Tgt Ion: 41 Resp: 79314
Ion Ratio Lower Upper
41 100
69 82.2 74.7 112.1
39 75.6 45.6 68.4





#49
1,4-Dioxane
Concen: 616.291 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

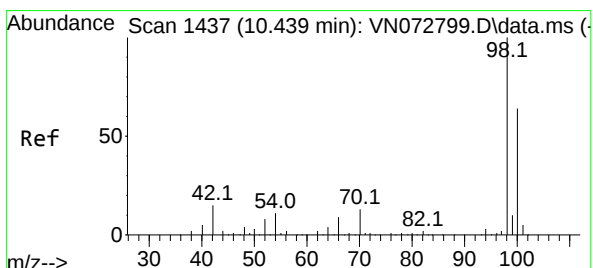
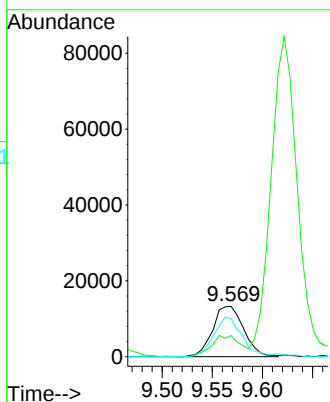
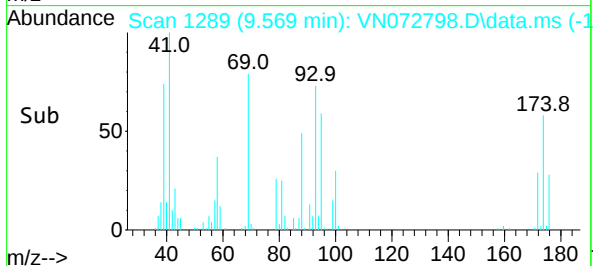
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 2856
Ion Ratio Lower Upper
88 100
43 39.4 20.2 30.4
58 74.6 54.2 81.4

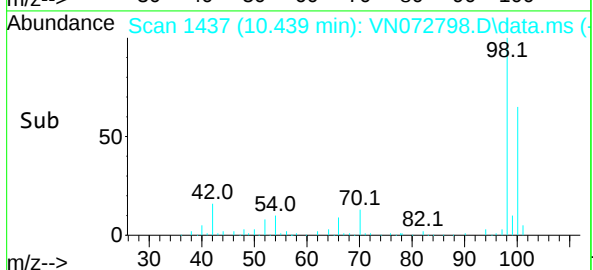
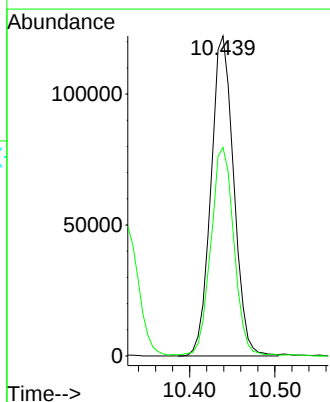
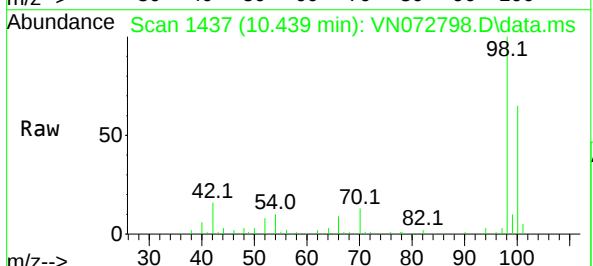
Manual Integrations
APPROVED

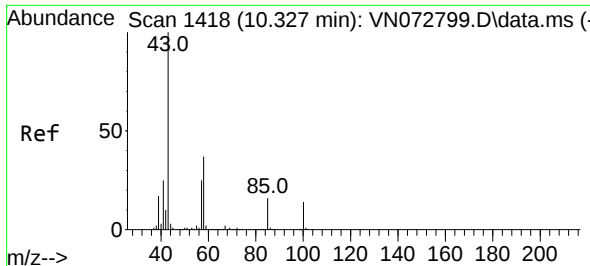
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#50
Toluene-d8
Concen: 28.038 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 98 Resp: 226963
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





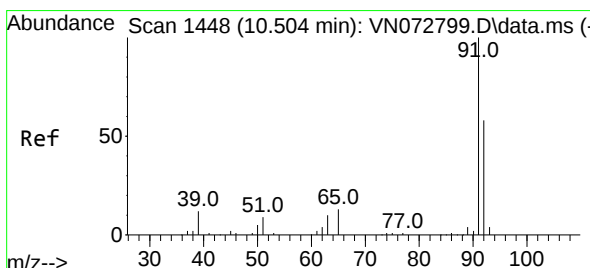
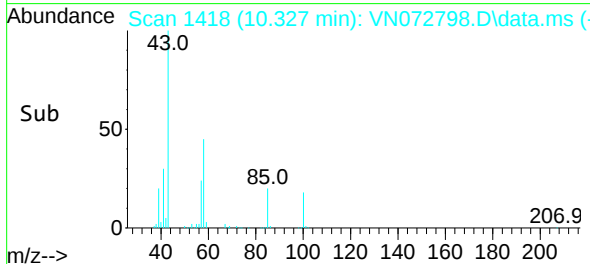
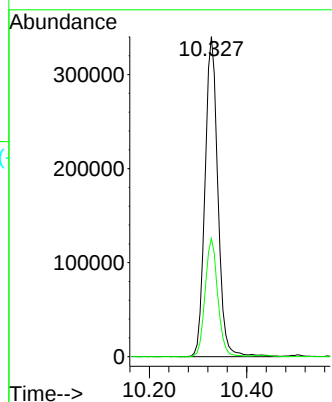
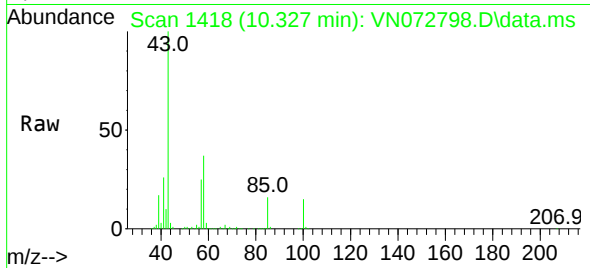
#51
4-Methyl-2-Pentanone
Concen: 170.809 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 623110
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1

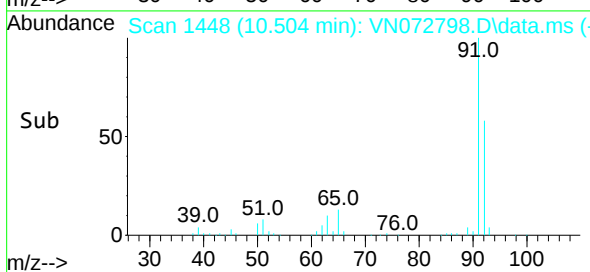
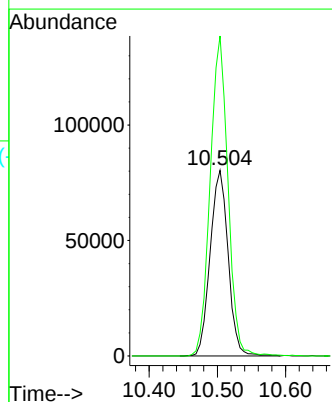
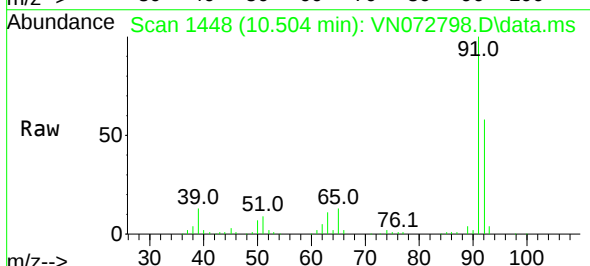
Manual Integrations
APPROVED

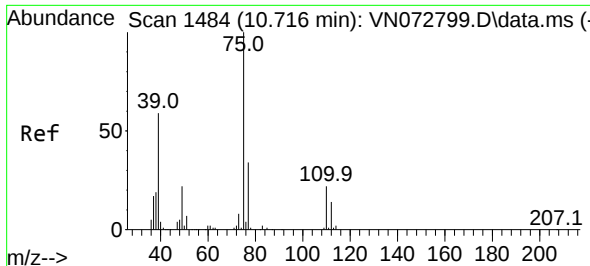
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#52
Toluene
Concen: 27.418 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

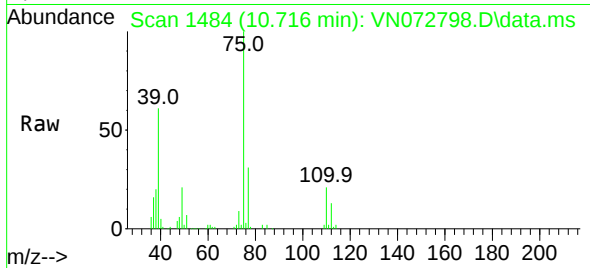
Tgt Ion: 92 Resp: 147468
Ion Ratio Lower Upper
92 100
91 170.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 28.591 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

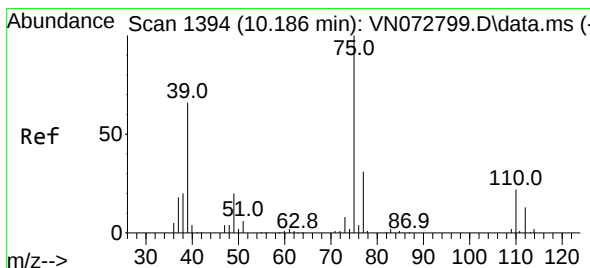
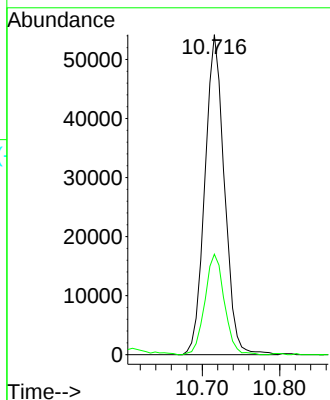
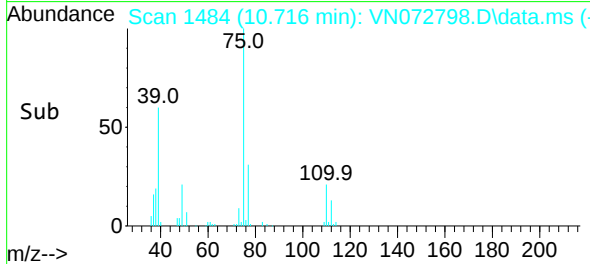
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



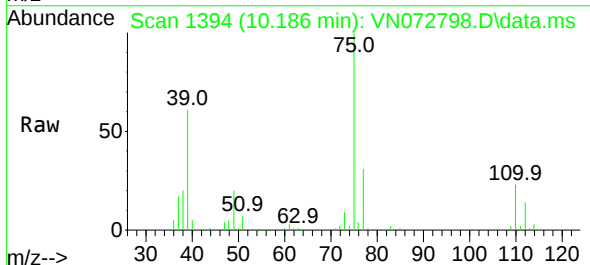
Tgt Ion: 75 Resp: 9477
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

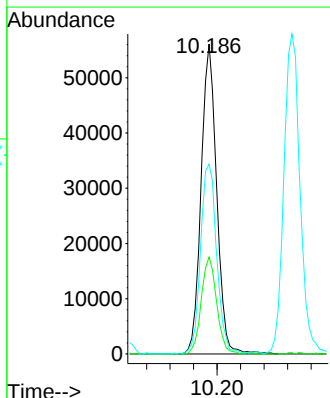
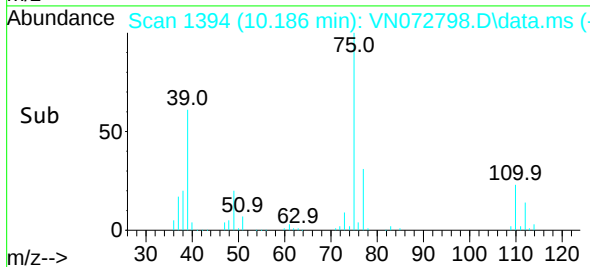
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

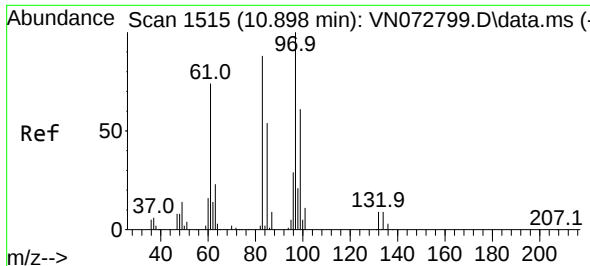


#54
cis-1,3-Dichloropropene
Concen: 29.400 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



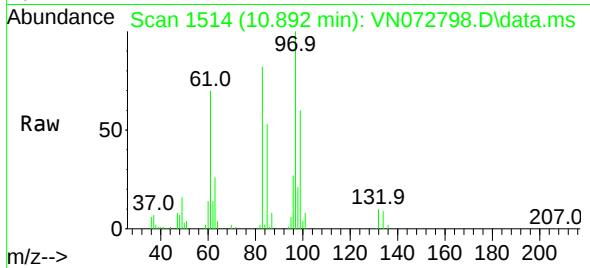
Tgt Ion: 75 Resp: 102941
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 61.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 28.425 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

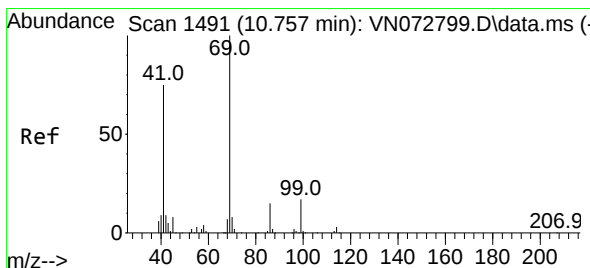
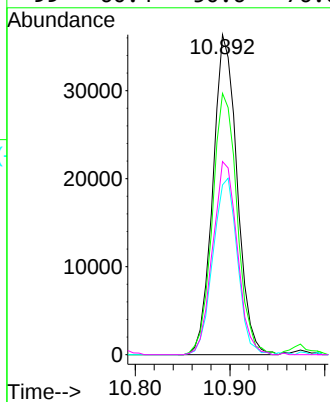
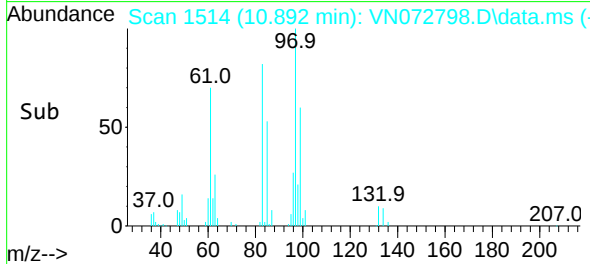
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



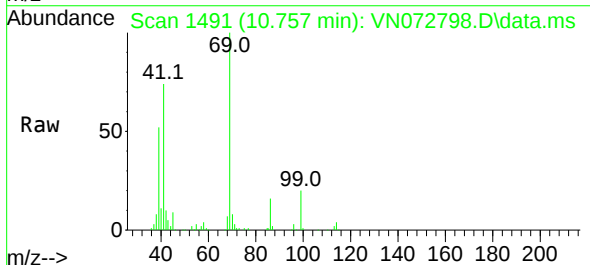
Tgt Ion: 97 Resp: 64582
Ion Ratio Lower Upper
97 100
83 81.7 66.2 99.4
85 53.0 43.9 65.9
99 60.4 50.6 76.0

Manual Integrations
APPROVED

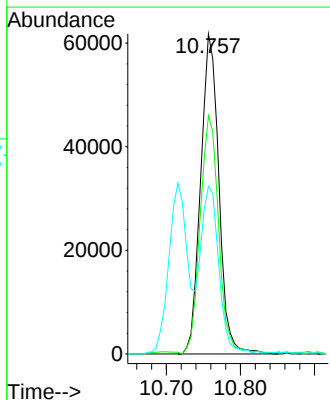
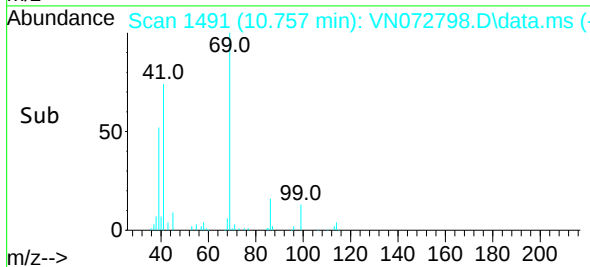
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

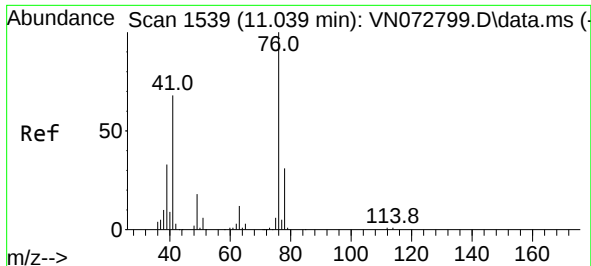


#56
Ethyl methacrylate
Concen: 31.079 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



Tgt Ion: 69 Resp: 105256
Ion Ratio Lower Upper
69 100
41 76.5 47.8 71.6#
39 50.6 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 28.810 ug/l

RT: 11.039 min Scan# 11189

Delta R.T. 0.000 min

Lab File: VN072798.D

Acq: 13 Jun 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 11189

Ion Ratio Lower Upper

76 100

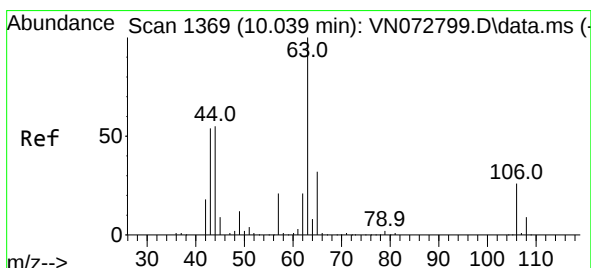
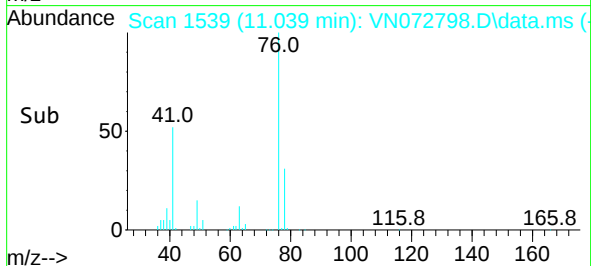
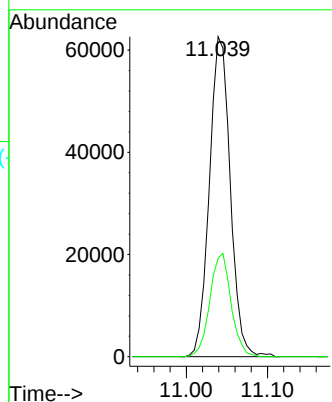
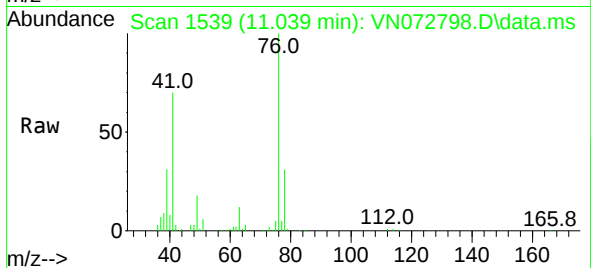
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 252.680 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072798.D

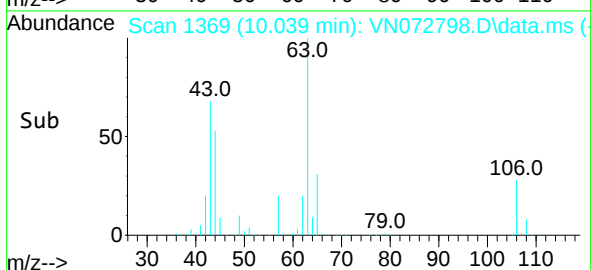
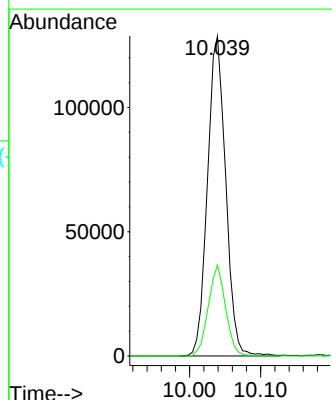
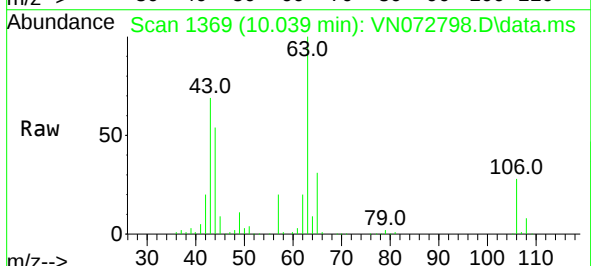
Acq: 13 Jun 2022 11:26

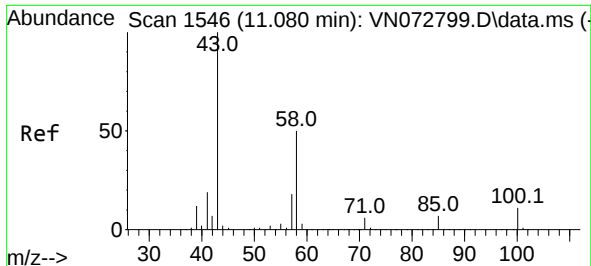
Tgt Ion: 63 Resp: 229601

Ion Ratio Lower Upper

63 100

106 26.8 24.6 36.8





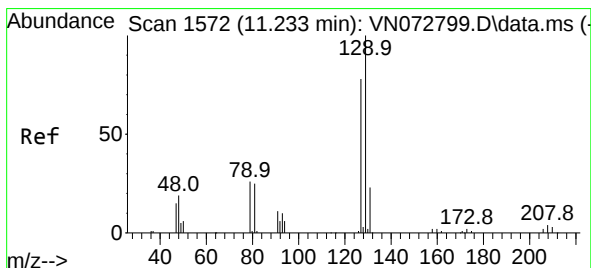
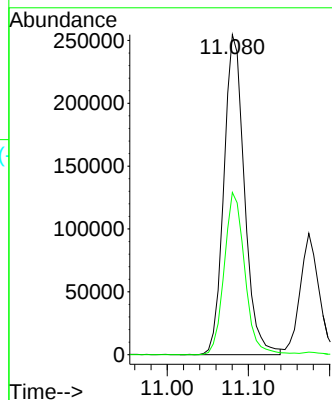
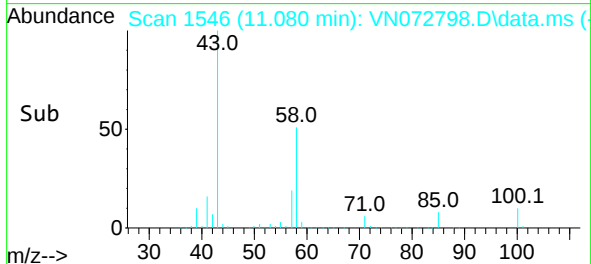
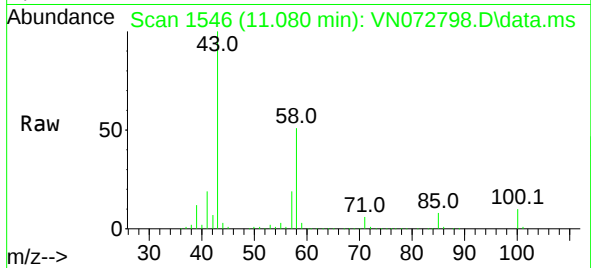
#59
2-Hexanone
Concen: 171.925 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 44913
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1

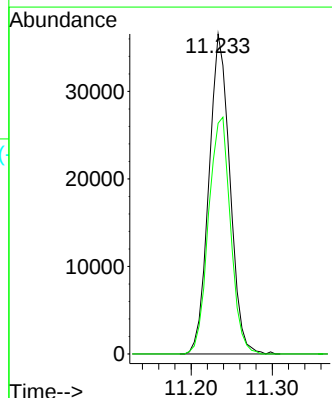
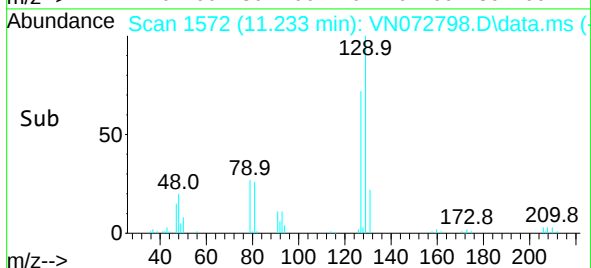
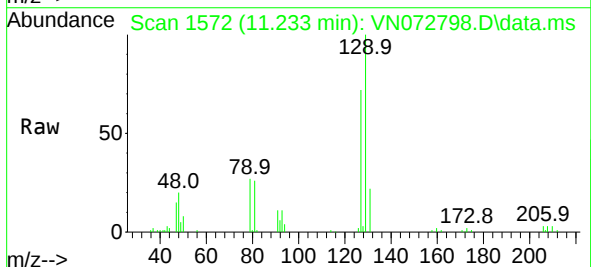
Manual Integrations
APPROVED

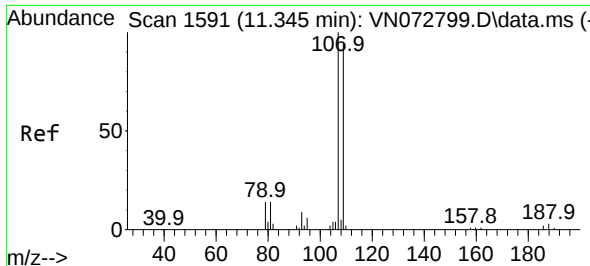
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#60
Dibromochloromethane
Concen: 27.259 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:129 Resp: 65599
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





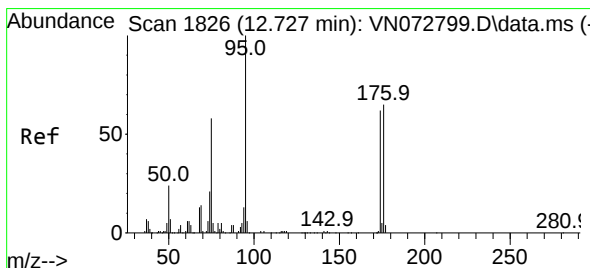
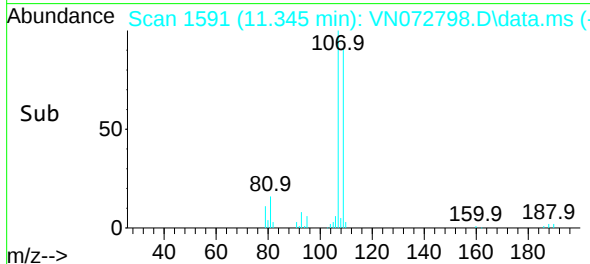
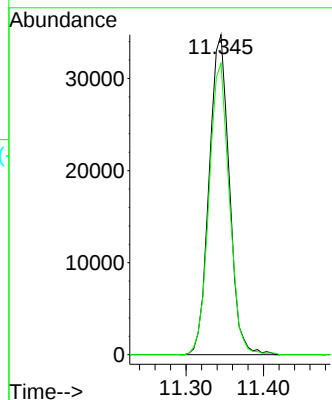
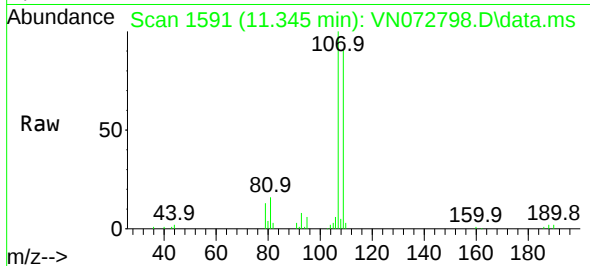
#61
1,2-Dibromoethane
Concen: 27.739 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 62720
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6

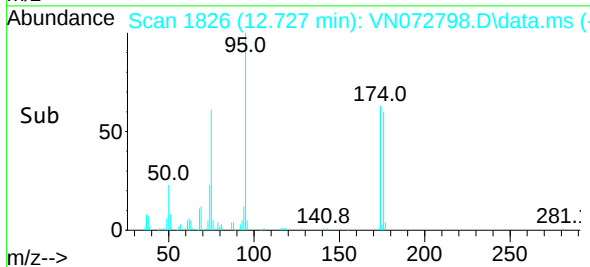
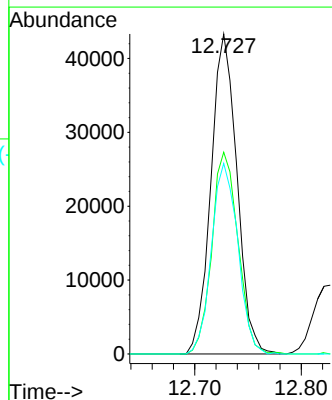
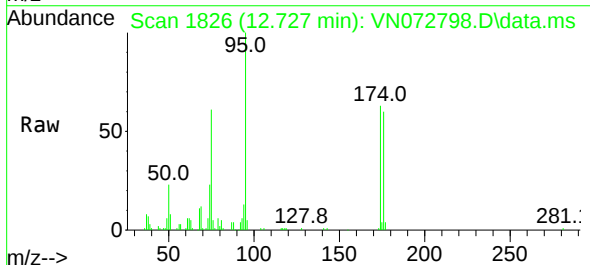
Manual Integrations
APPROVED

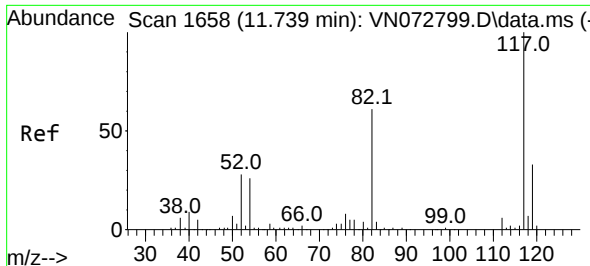
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#62
4-Bromofluorobenzene
Concen: 26.923 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 95 Resp: 73437
Ion Ratio Lower Upper
95 100
174 63.4 0.0 167.6
176 60.3 0.0 163.4





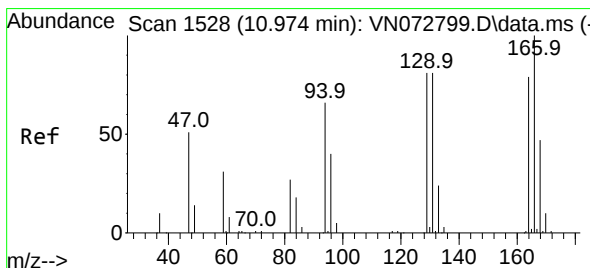
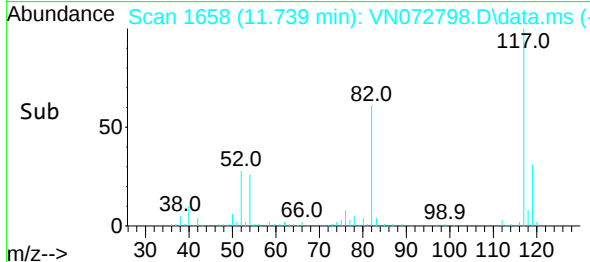
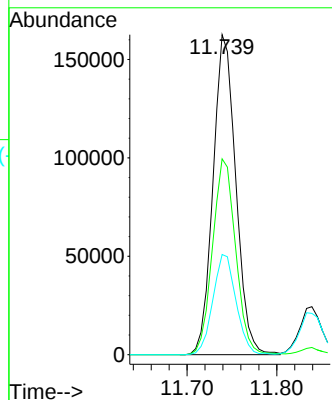
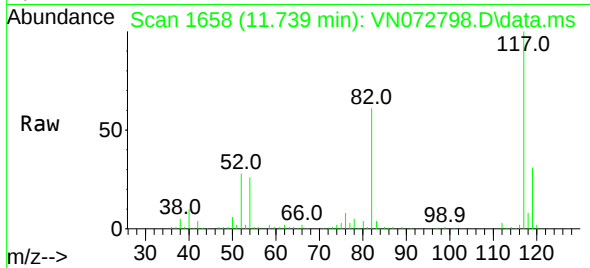
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 286700
Ion Ratio Lower Upper
117 100
82 61.2 44.2 66.2
119 31.3 25.4 38.0

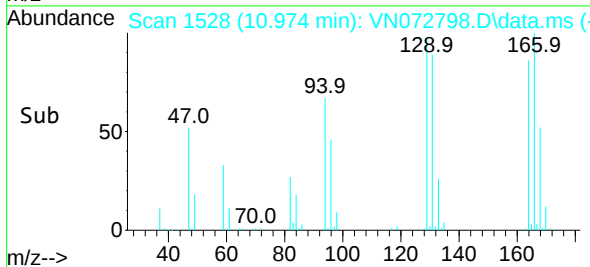
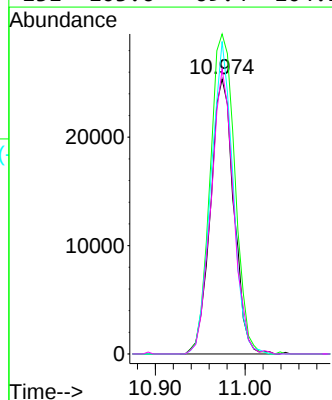
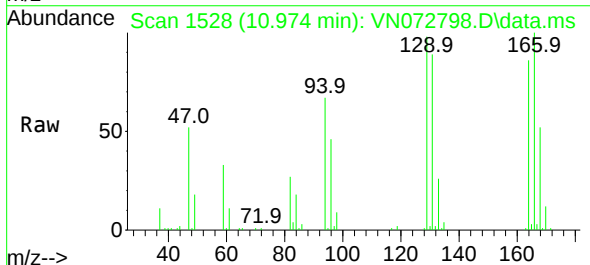
Manual Integrations
APPROVED

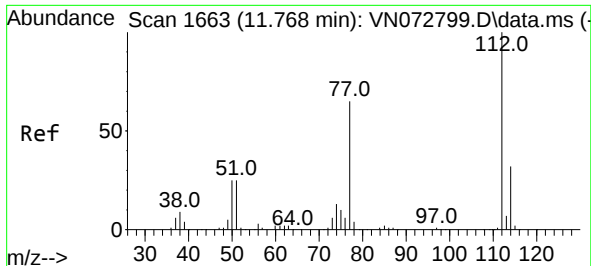
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#64
Tetrachloroethene
Concen: 21.765 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

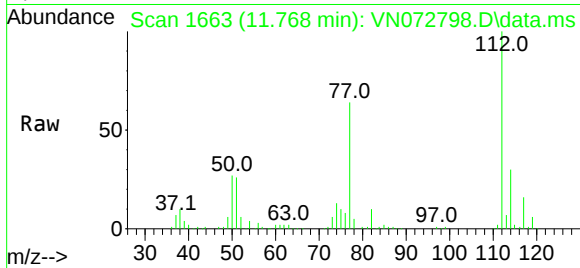
Tgt Ion:164 Resp: 45596
Ion Ratio Lower Upper
164 100
166 116.4 104.2 156.2
129 113.7 73.9 110.9#
131 103.6 69.4 104.2





#65
Chlorobenzene
Concen: 24.074 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

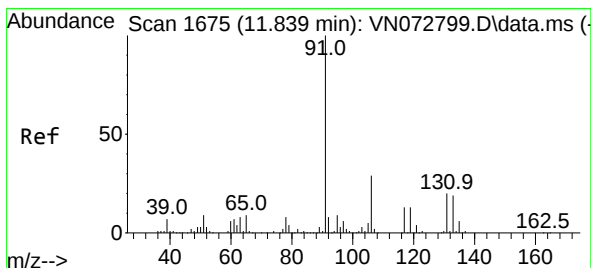
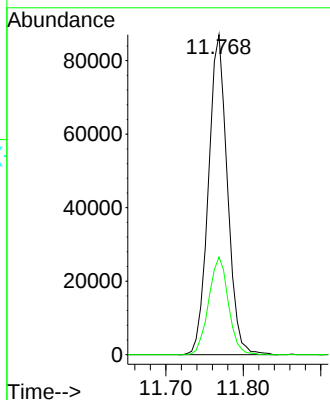
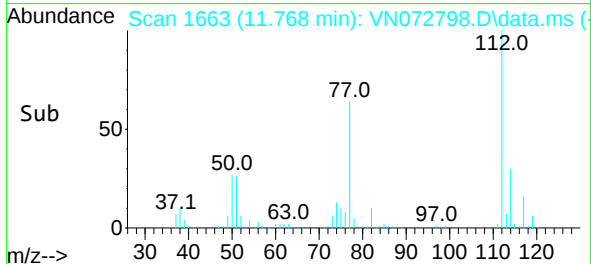
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



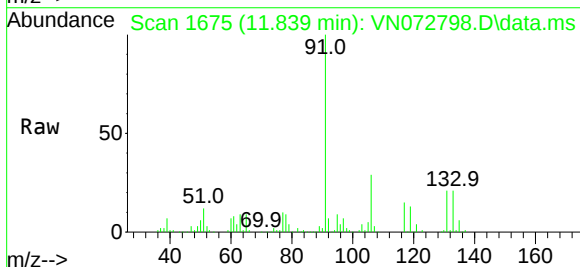
Tgt Ion:112 Resp: 147910
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

Manual Integrations
APPROVED

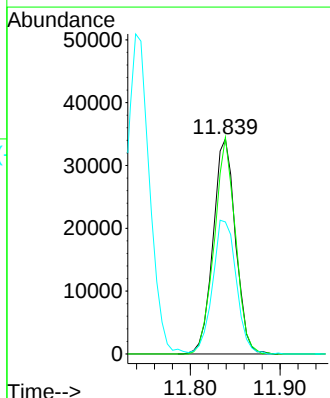
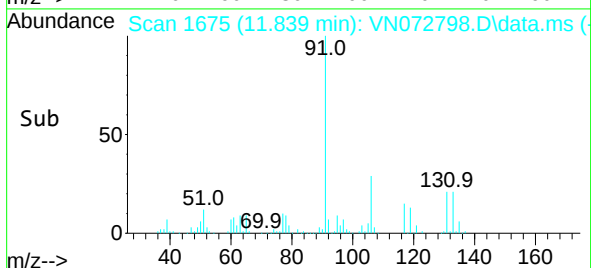
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

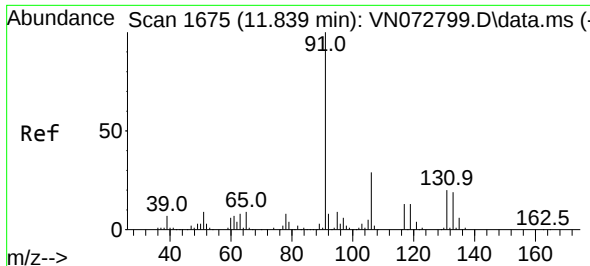


#66
1,1,1,2-Tetrachloroethane
Concen: 23.996 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



Tgt Ion:131 Resp: 59221
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 65.6 33.4 100.2





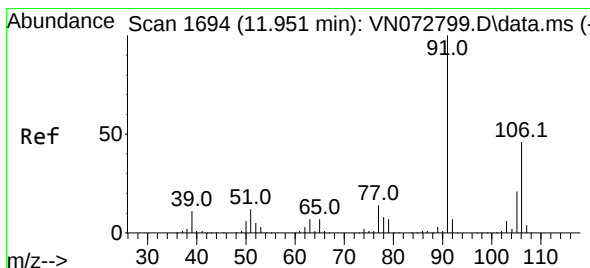
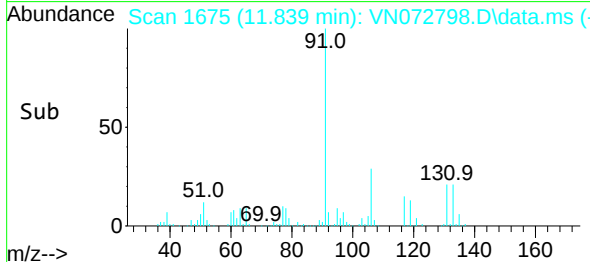
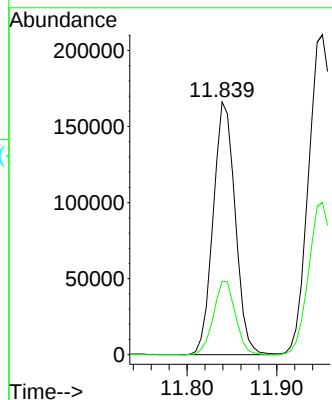
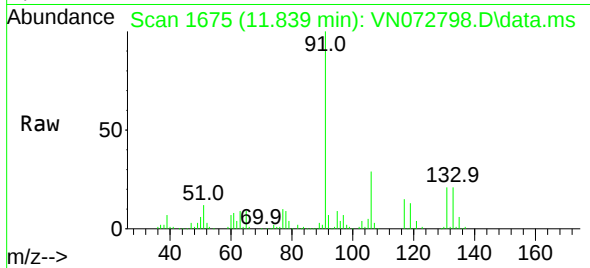
#67
Ethyl Benzene
Concen: 26.453 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 283919
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3

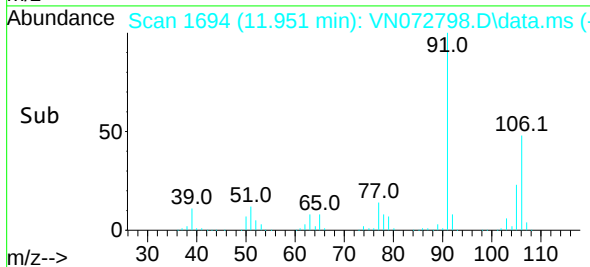
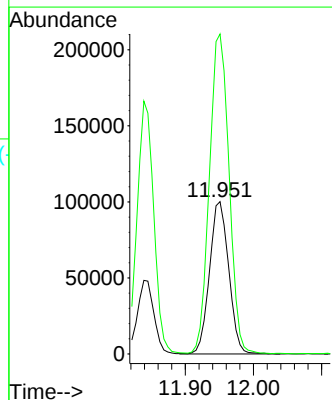
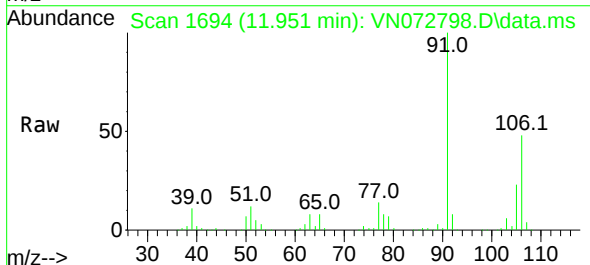
Manual Integrations
APPROVED

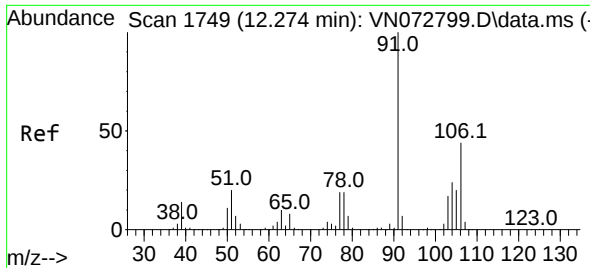
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#68
m/p-Xylenes
Concen: 49.096 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:106 Resp: 196648
Ion Ratio Lower Upper
106 100
91 214.4 158.9 238.3





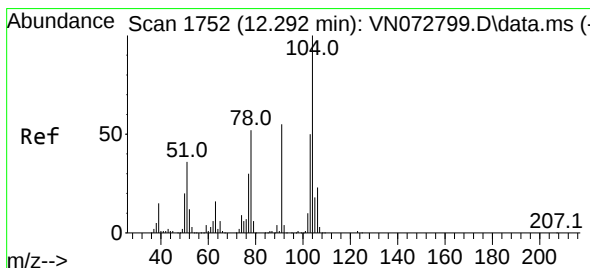
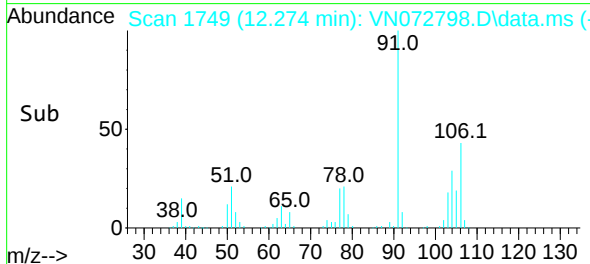
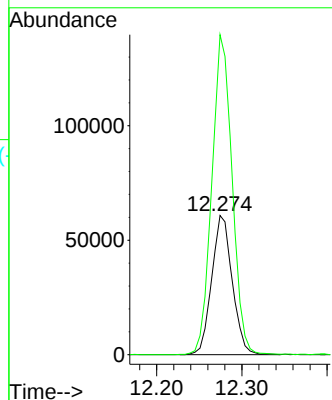
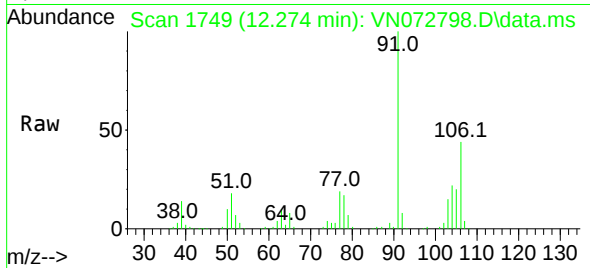
#69
o-Xylene
Concen: 25.688 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 101812
Ion Ratio Lower Upper
106 100
91 227.0 106.0 318.0

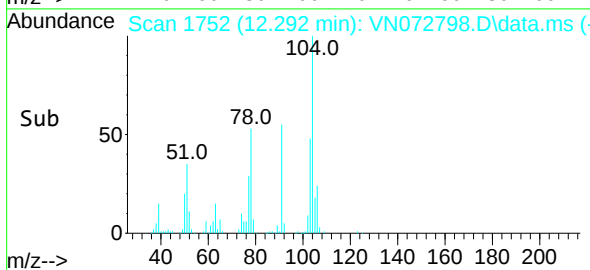
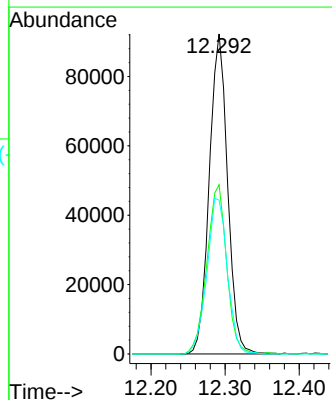
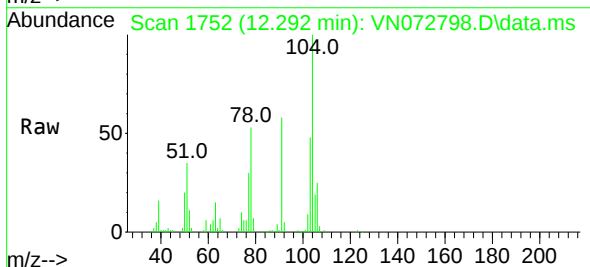
Manual Integrations
APPROVED

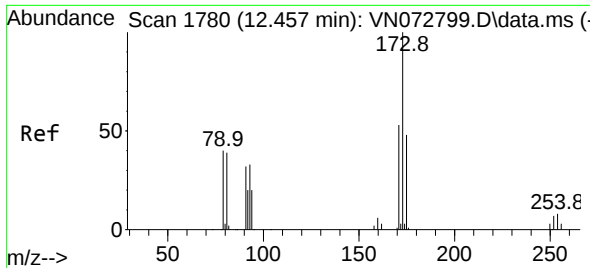
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#70
Styrene
Concen: 25.948 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

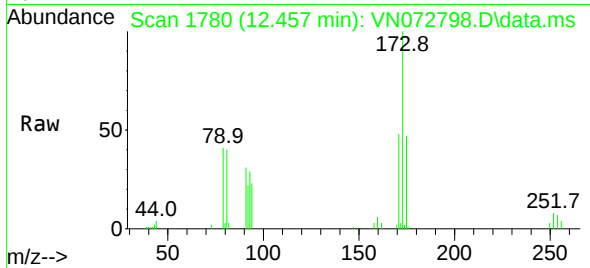
Tgt Ion:104 Resp: 158287
Ion Ratio Lower Upper
104 100
78 57.1 39.5 59.3
103 54.4 44.0 66.0





#71
Bromoform
Concen: 22.553 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

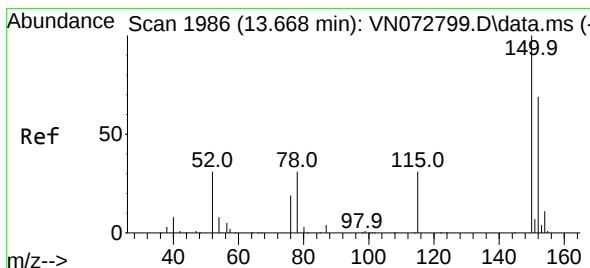
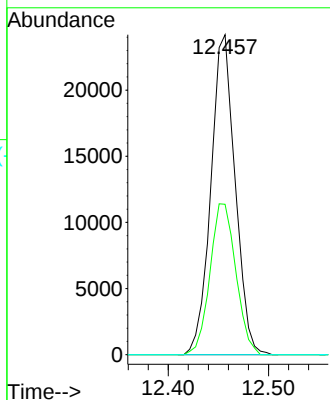
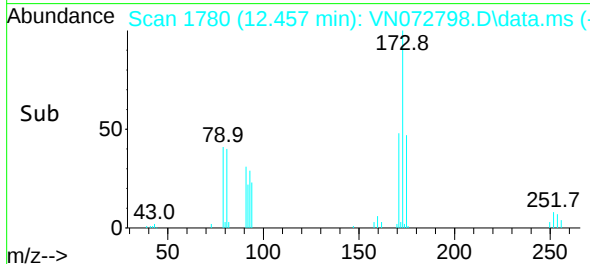
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



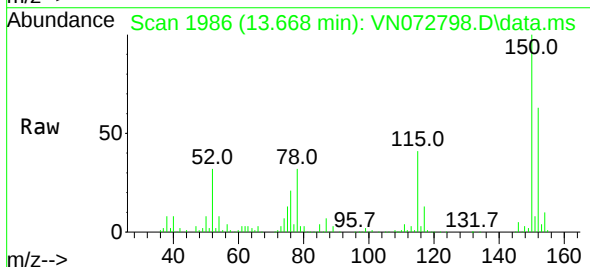
Tgt Ion:173 Resp: 4068
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

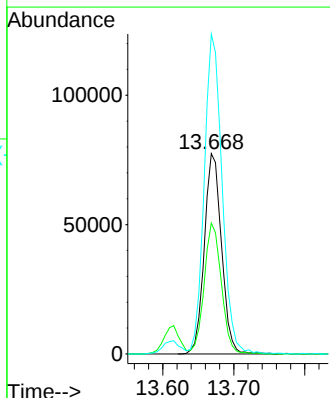
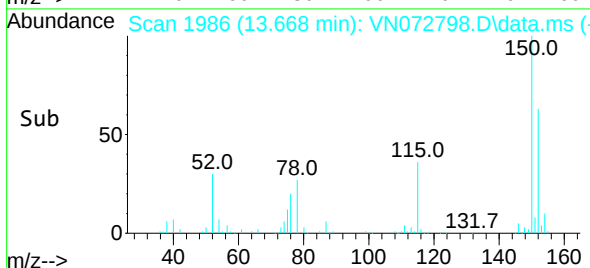
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

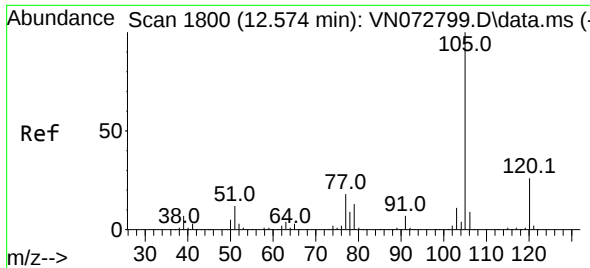


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



Tgt Ion:152 Resp: 130670
Ion Ratio Lower Upper
152 100
115 65.4 28.9 86.7
150 165.9 0.0 356.2





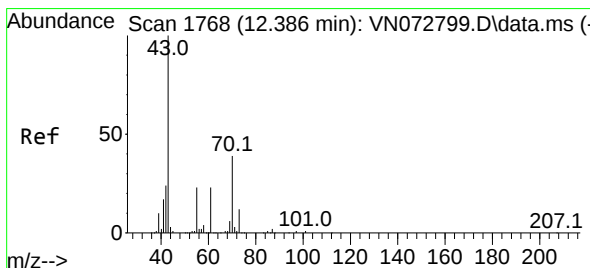
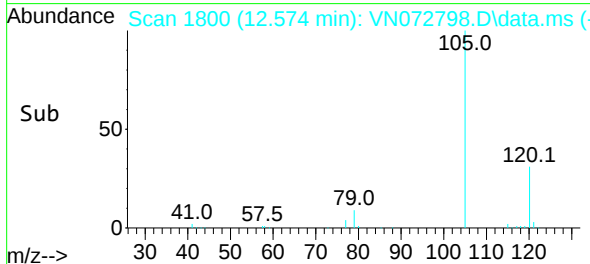
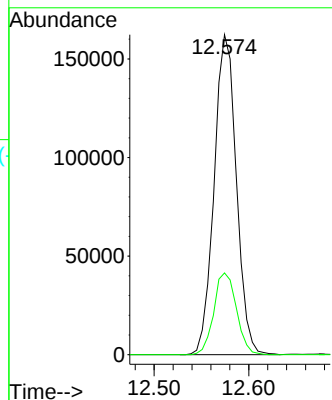
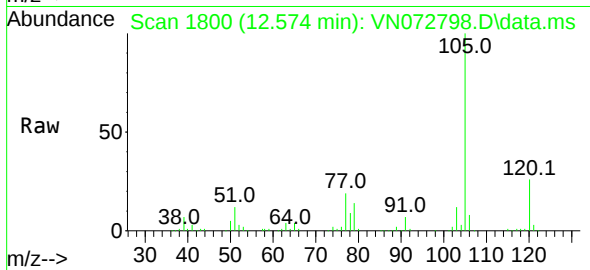
#73
Isopropylbenzene
Concen: 23.807 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 26480
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

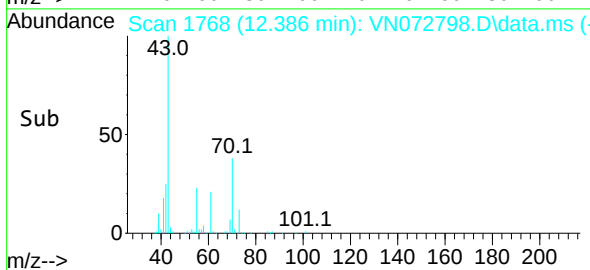
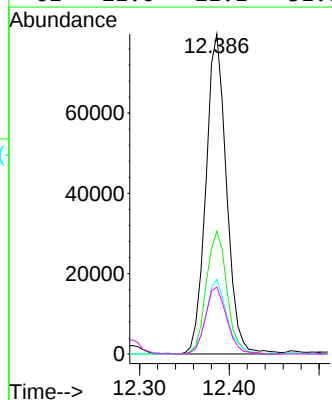
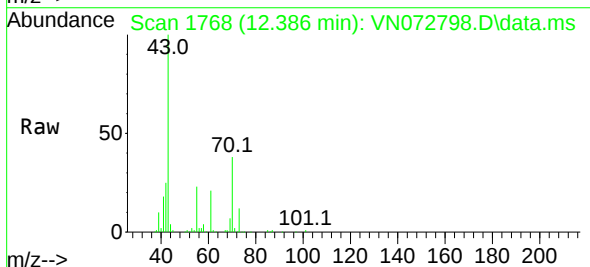
Manual Integrations
APPROVED

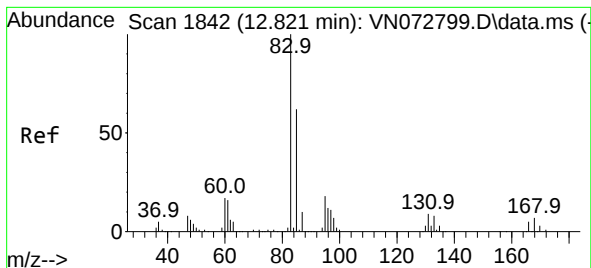
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#74
N-ethyl acetate
Concen: 29.648 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion: 43 Resp: 127087
Ion Ratio Lower Upper
43 100
70 38.4 39.0 58.4#
55 23.6 21.1 31.7
61 21.6 21.1 31.7





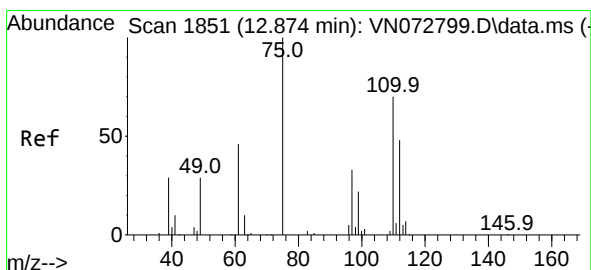
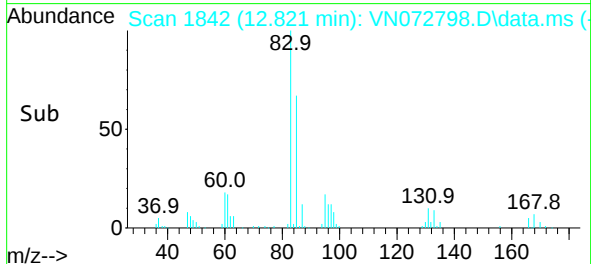
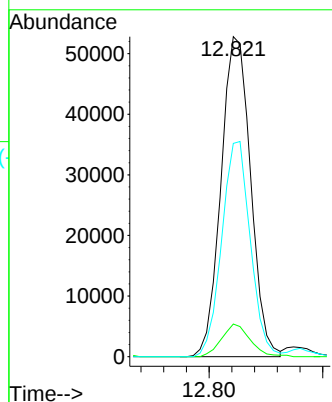
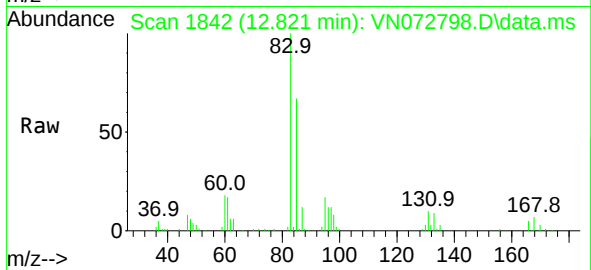
#75
1,1,2,2-Tetrachloroethane
Concen: 23.156 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 95509
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.9
85 64.8 32.3 96.9

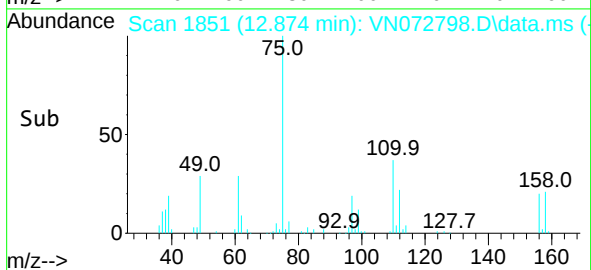
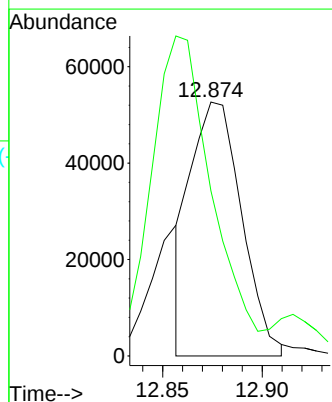
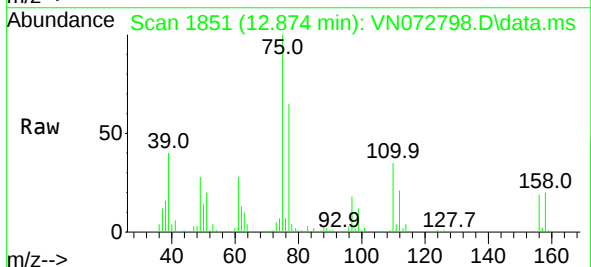
Manual Integrations
APPROVED

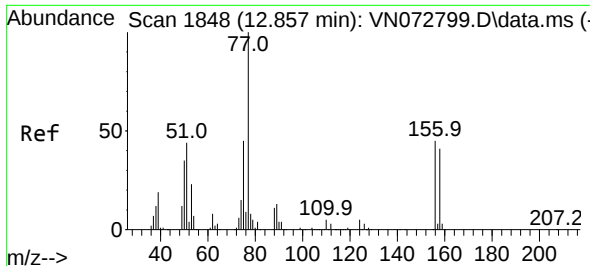
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#76
1,2,3-Trichloropropane
Concen: 25.919 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

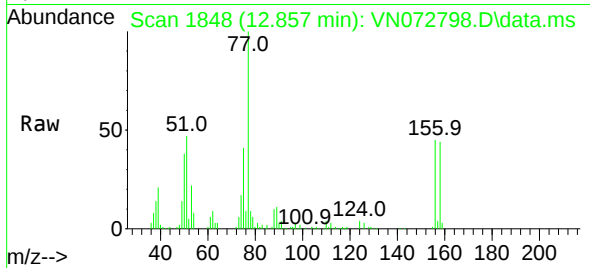
Tgt Ion: 75 Resp: 94431
Ion Ratio Lower Upper
75 100
77 149.8 98.5 295.5





#77
Bromobenzene
Concen: 20.386 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

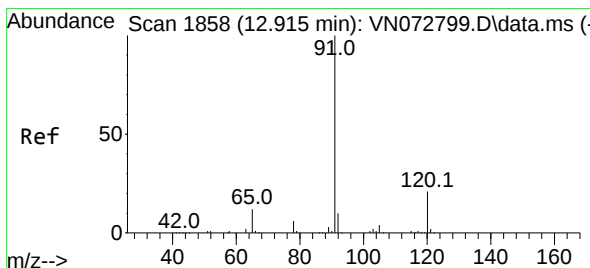
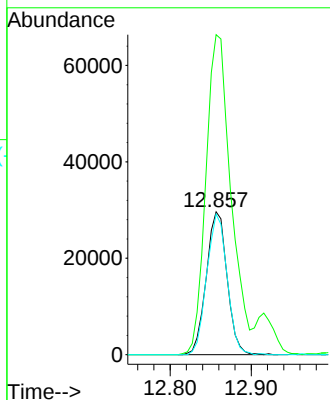
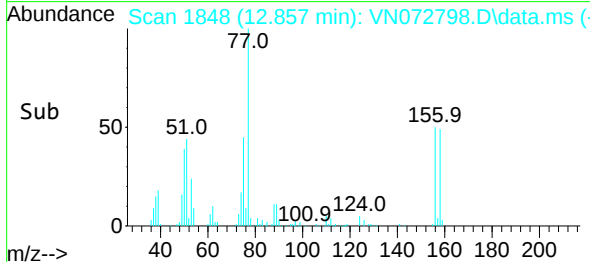
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 52788
Ion Ratio Lower Upper
156 100
77 267.9 100.5 301.5
158 96.3 48.9 146.6

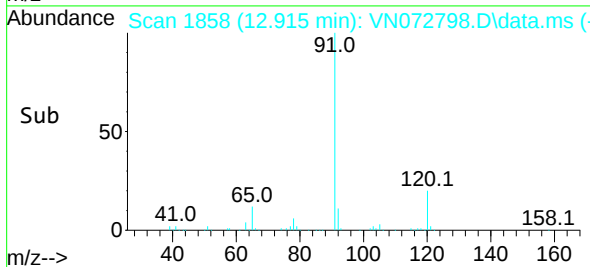
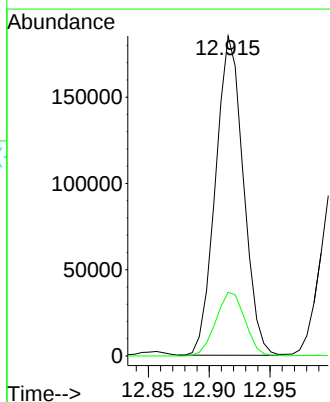
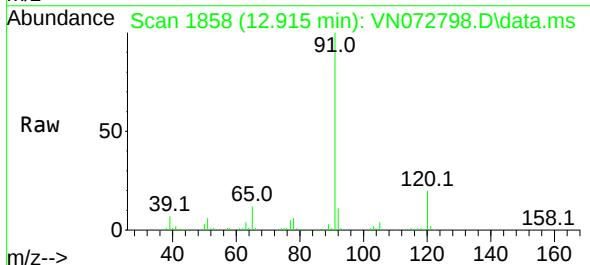
Manual Integrations
APPROVED

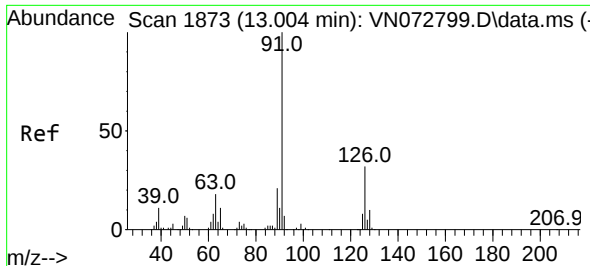
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#78
n-propylbenzene
Concen: 24.519 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

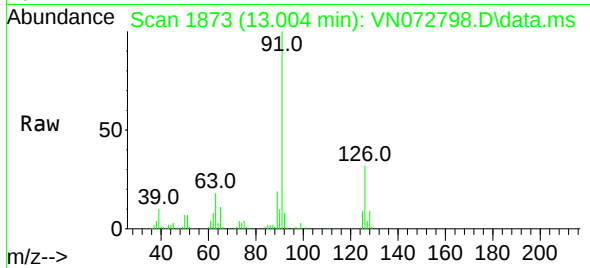
Tgt Ion: 91 Resp: 293716
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 23.438 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

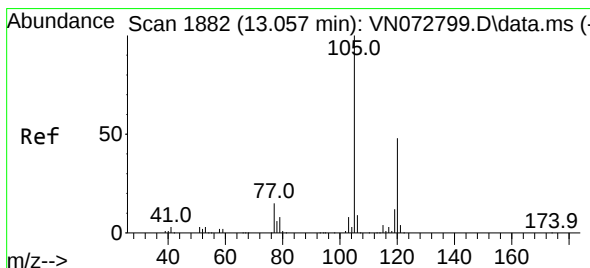
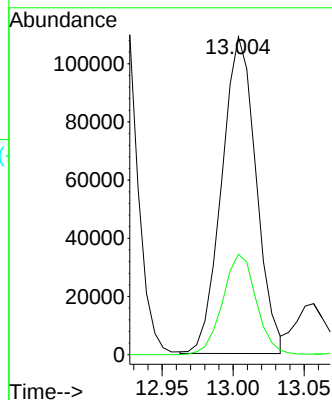
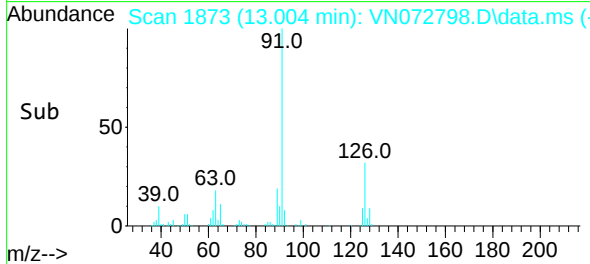
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



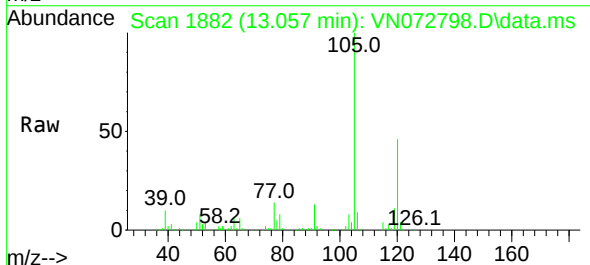
Tgt Ion: 91 Resp: 183562
Ion Ratio Lower Upper
91 100
126 30.9 17.3 51.9

Manual Integrations
APPROVED

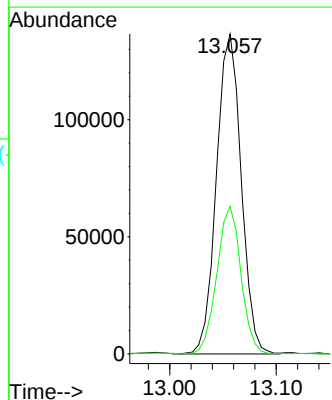
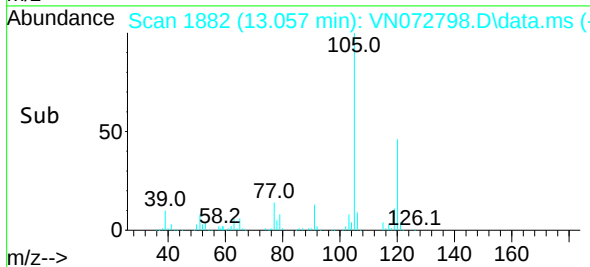
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

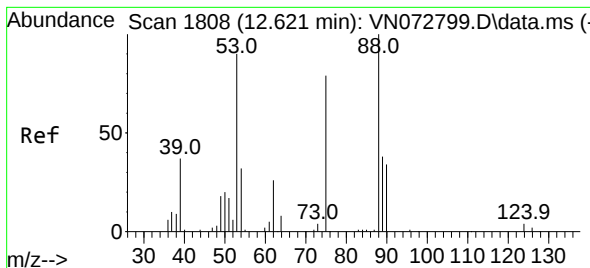


#80
1,3,5-Trimethylbenzene
Concen: 24.338 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



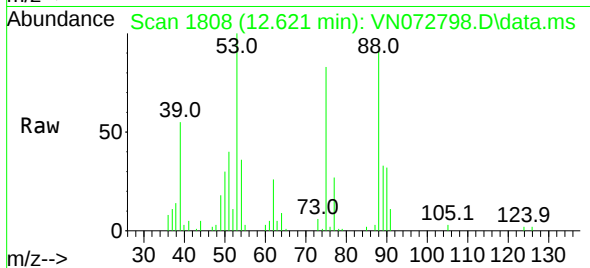
Tgt Ion:105 Resp: 220158
Ion Ratio Lower Upper
105 100
120 45.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 25.379 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

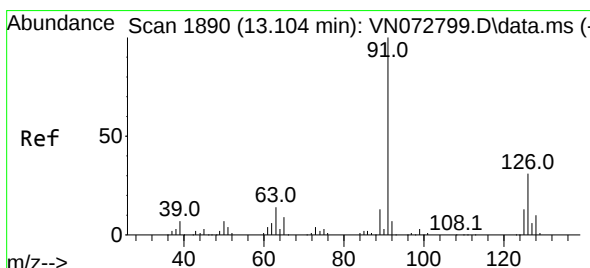
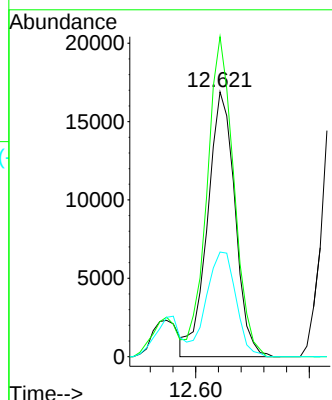
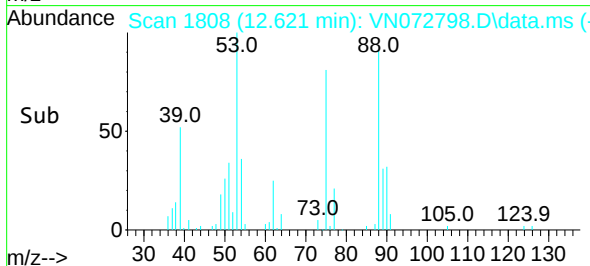
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



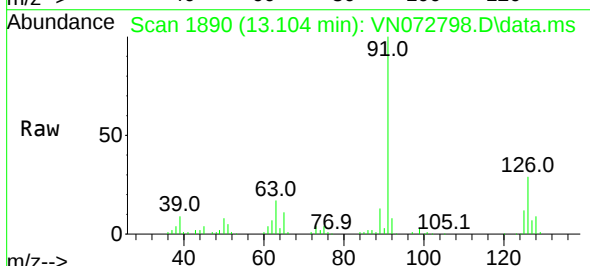
Tgt Ion: 75 Resp: 28399
Ion Ratio Lower Upper
75 100
53 118.9 78.0 117.0
89 42.4 37.2 55.8

Manual Integrations
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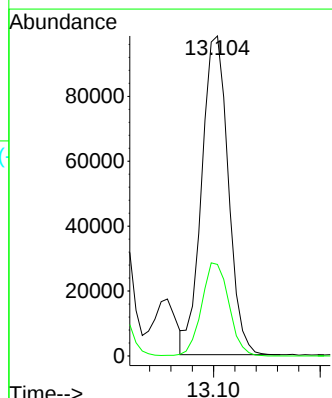
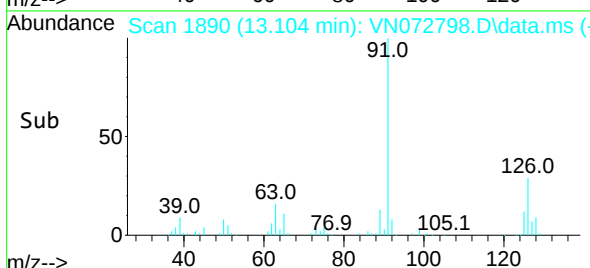
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

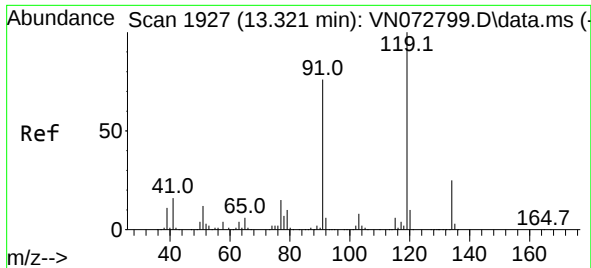


#82
4-Chlorotoluene
Concen: 22.961 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



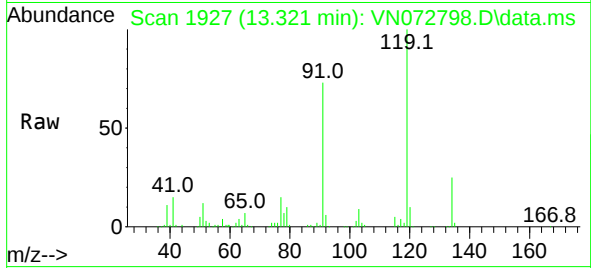
Tgt Ion: 91 Resp: 169821
Ion Ratio Lower Upper
91 100
126 30.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 23.889 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

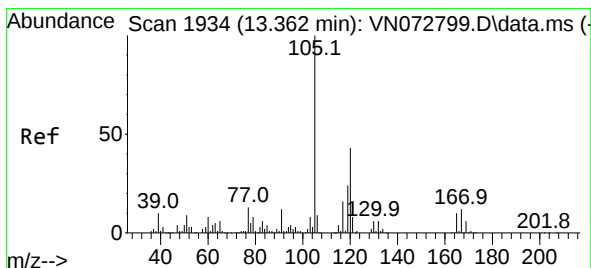
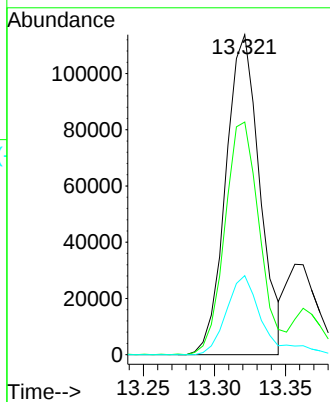
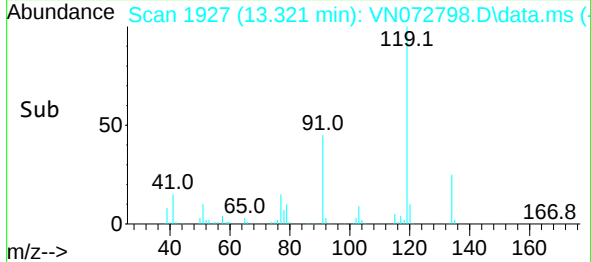
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



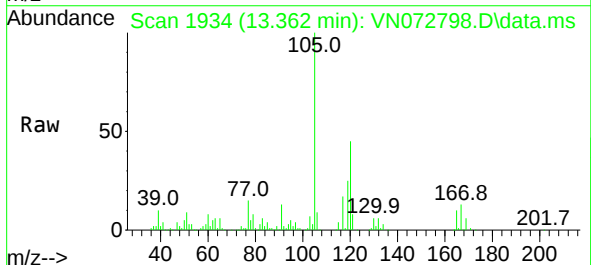
Tgt Ion:119 Resp: 189538
Ion Ratio Lower Upper
119 100
91 74.7 31.6 94.8
134 26.1 13.7 41.1

Manual Integrations
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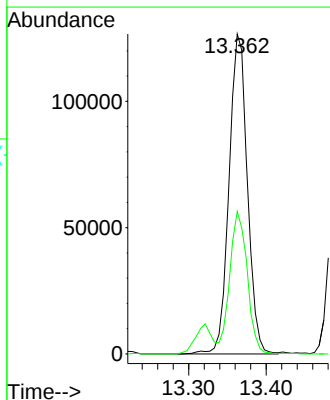
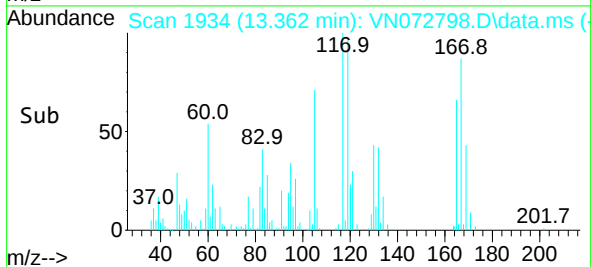
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

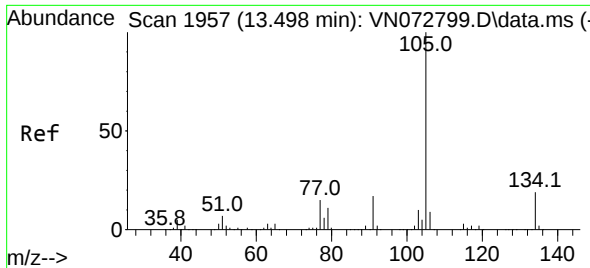


#84
1,2,4-Trimethylbenzene
Concen: 23.566 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



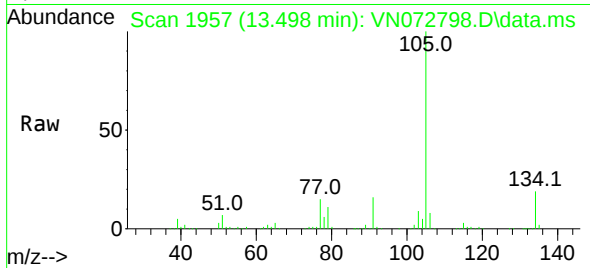
Tgt Ion:105 Resp: 208450
Ion Ratio Lower Upper
105 100
120 42.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 24.231 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072798.D
 Acq: 13 Jun 2022 11:26

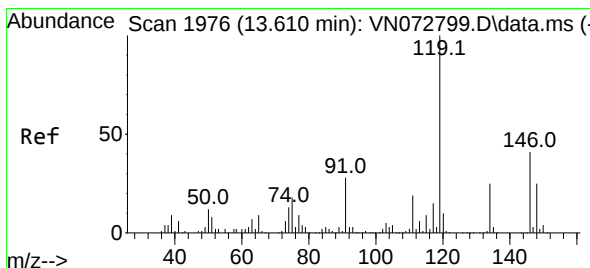
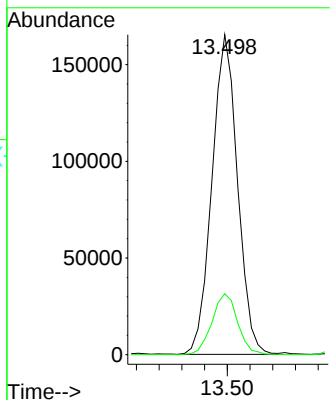
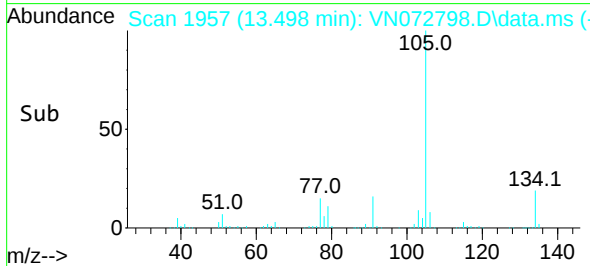
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



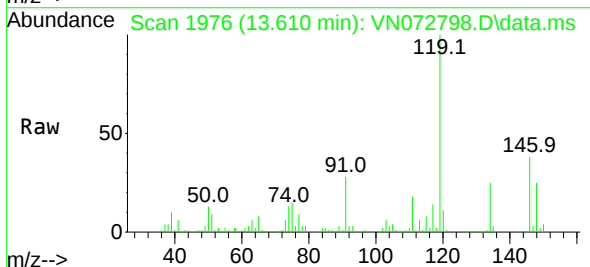
Tgt Ion:105 Resp: 258320
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
 APPROVED

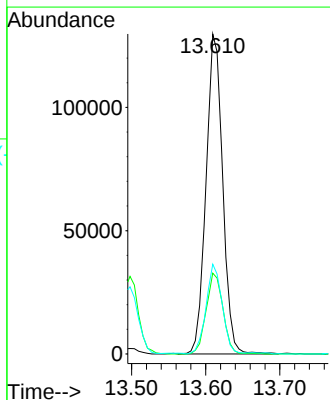
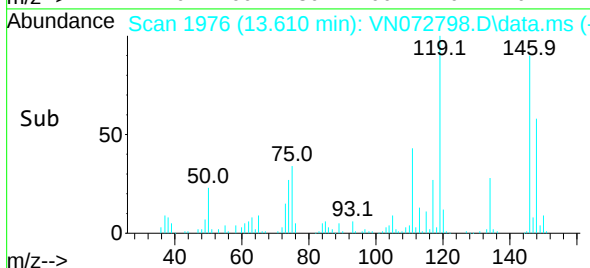
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

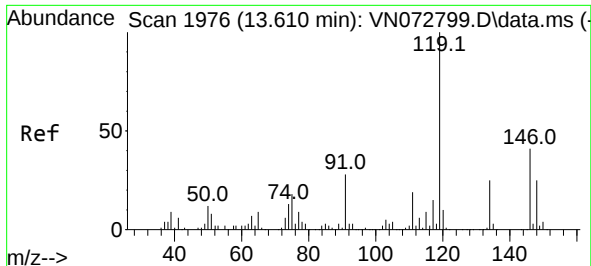


#86
 p-Isopropyltoluene
 Concen: 24.458 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072798.D
 Acq: 13 Jun 2022 11:26



Tgt Ion:119 Resp: 202320
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 27.2 11.3 33.9





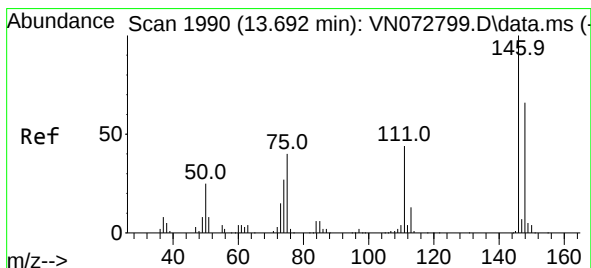
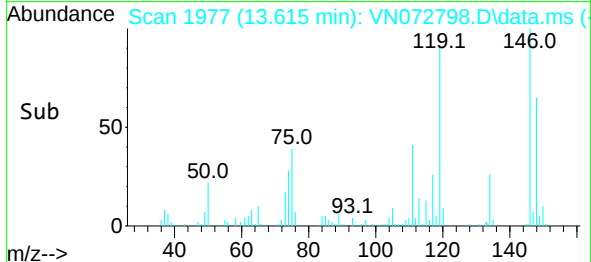
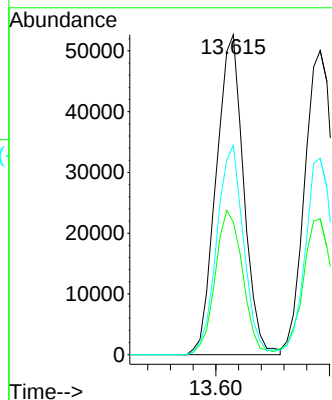
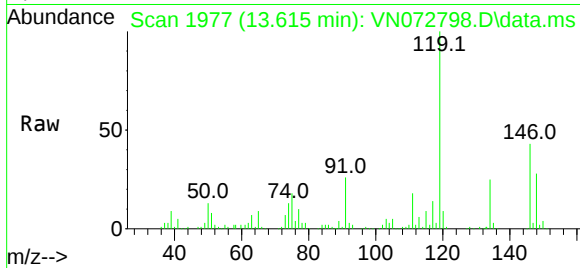
#87
1,3-Dichlorobenzene
Concen: 19.806 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8864
Ion Ratio Lower Upper
146 100
111 45.1 20.0 60.0
148 64.0 32.0 96.0

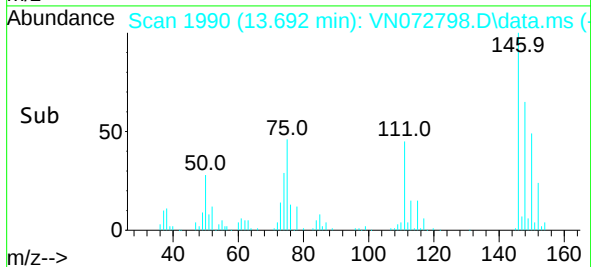
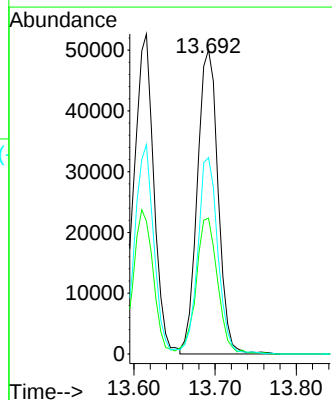
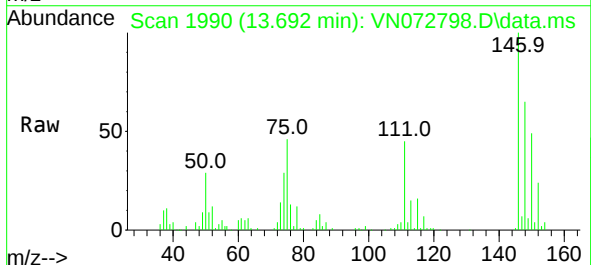
Manual Integrations
APPROVED

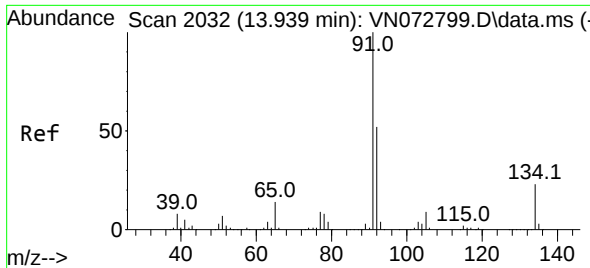
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#88
1,4-Dichlorobenzene
Concen: 19.899 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

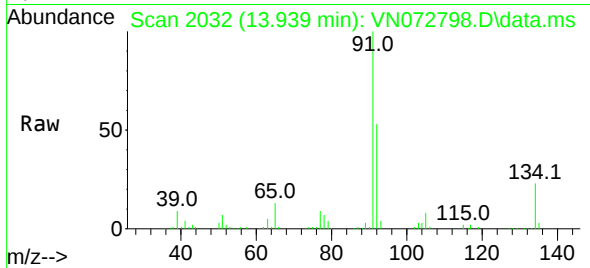
Tgt Ion:146 Resp: 88942
Ion Ratio Lower Upper
146 100
111 46.4 19.1 57.1
148 62.5 31.4 94.3





#89
n-Butylbenzene
Concen: 25.038 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

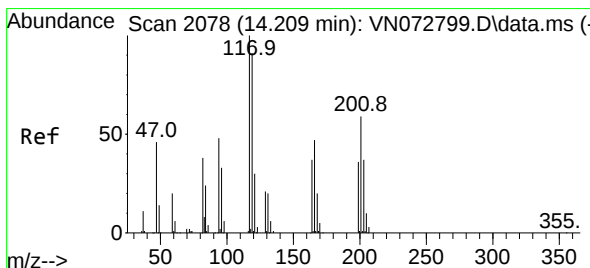
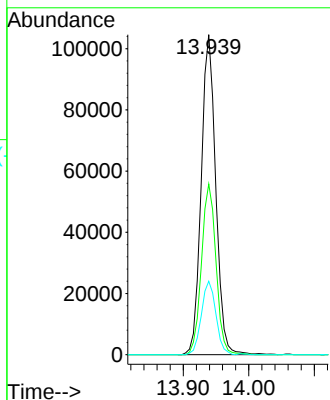
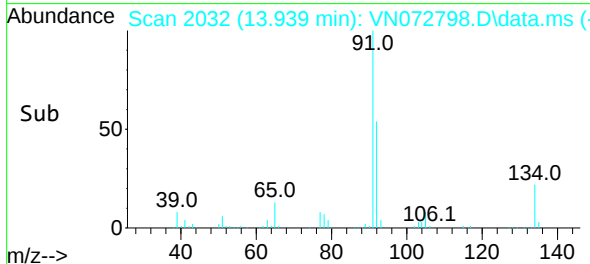
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 161818
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 22.9 13.6 40.8

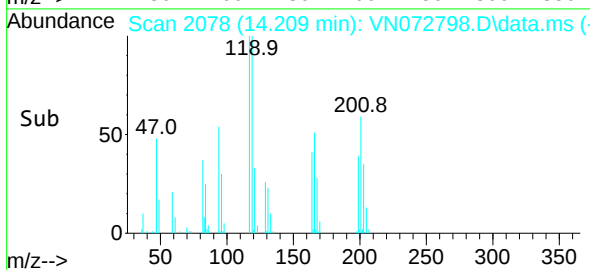
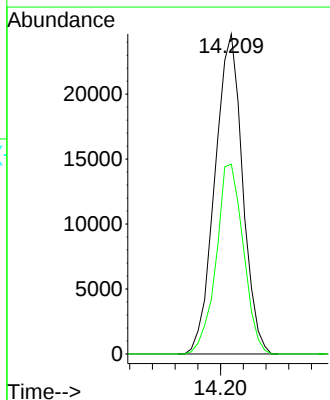
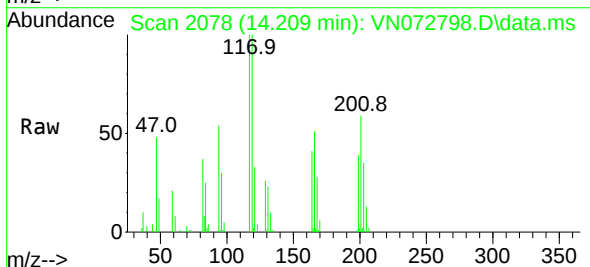
Manual Integrations
APPROVED

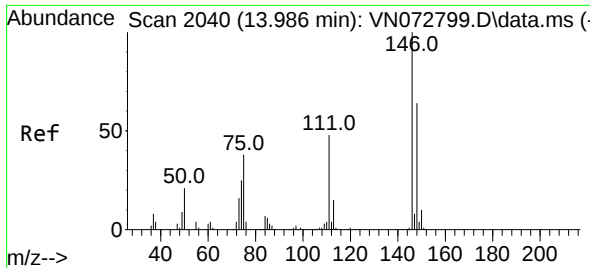
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#90
Hexachloroethane
Concen: 24.614 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:117 Resp: 41631
Ion Ratio Lower Upper
117 100
201 58.2 40.6 122.0





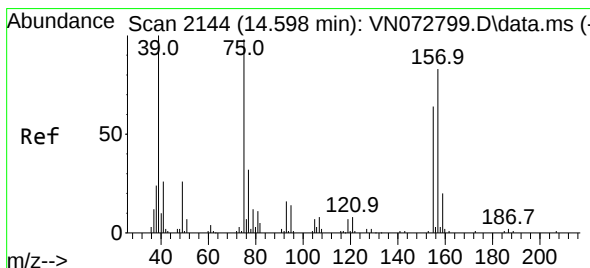
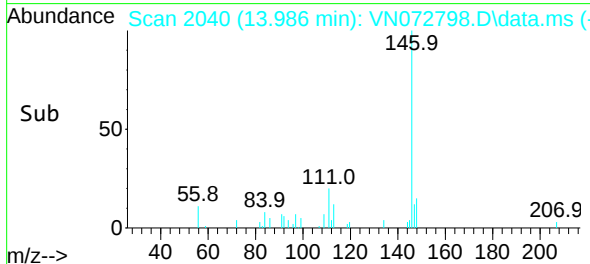
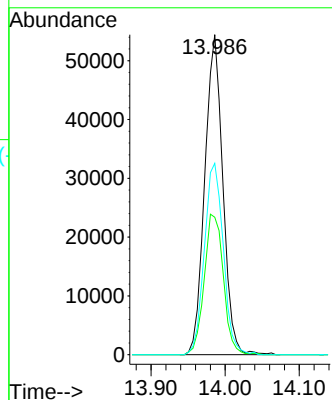
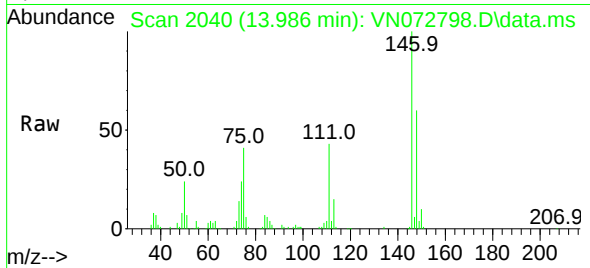
#91
1,2-Dichlorobenzene
Concen: 20.635 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 92245
Ion Ratio Lower Upper
146 100
111 46.5 20.9 62.8
148 62.7 32.1 96.3

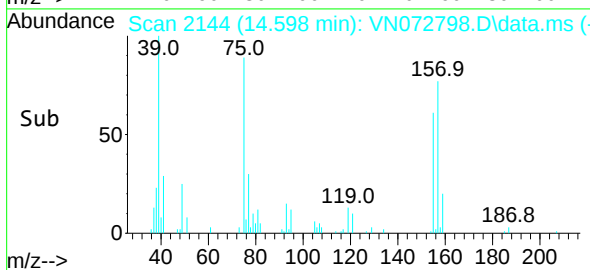
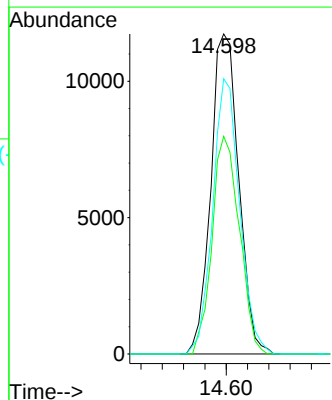
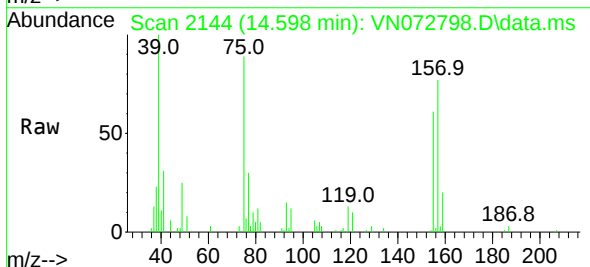
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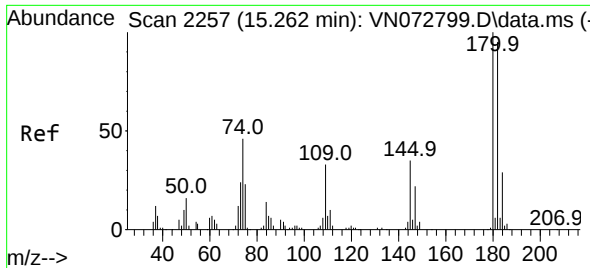
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.854 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

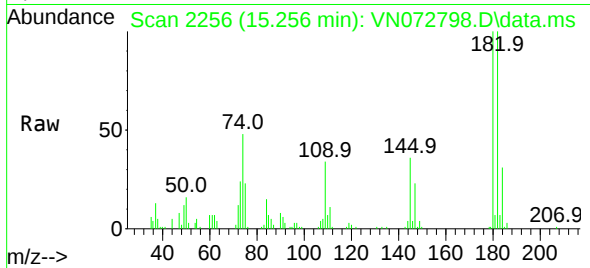
Tgt Ion: 75 Resp: 21359
Ion Ratio Lower Upper
75 100
155 66.4 44.9 134.5
157 82.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 24.206 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

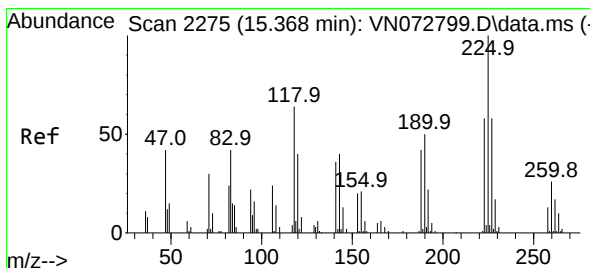
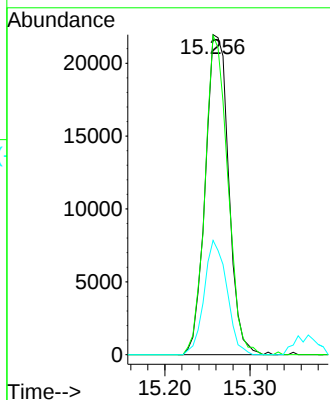
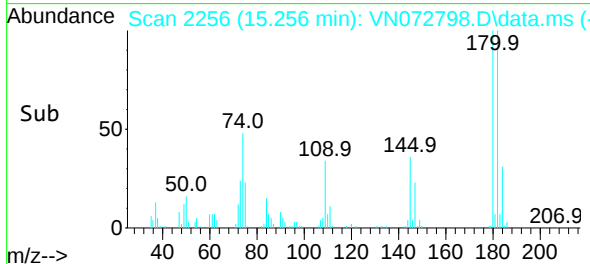
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



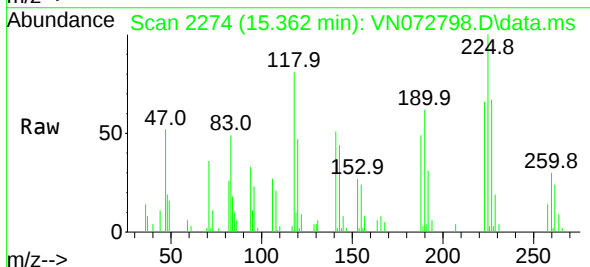
Tgt Ion:180 Resp: 41790
Ion Ratio Lower Upper
180 100
182 96.9 47.5 142.5
145 34.7 14.5 43.5

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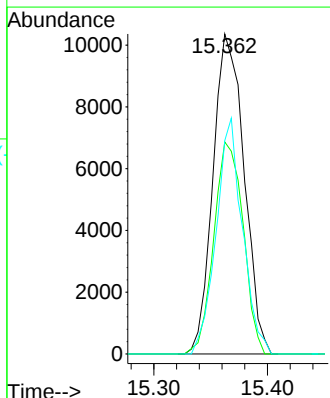
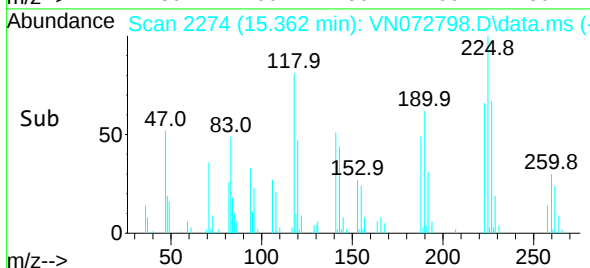
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

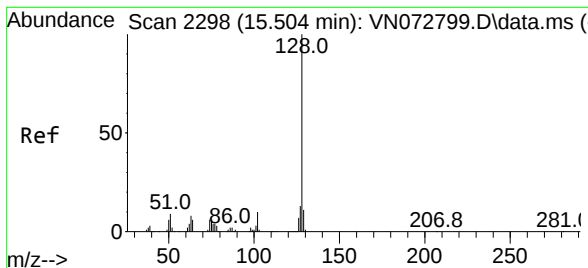


#94
Hexachlorobutadiene
Concen: 17.922 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26



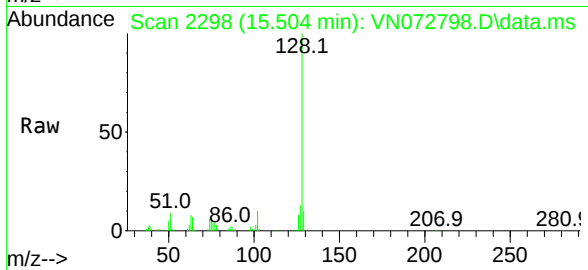
Tgt Ion:225 Resp: 19679
Ion Ratio Lower Upper
225 100
223 62.4 32.4 97.2
227 62.4 31.8 95.4





#95
Naphthalene
Concen: 31.103 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

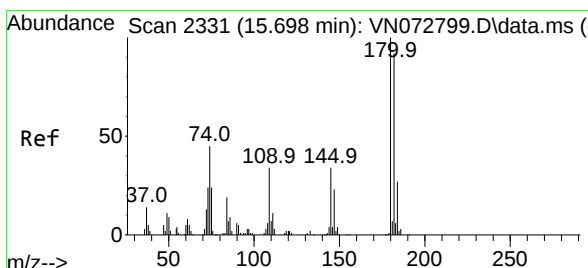
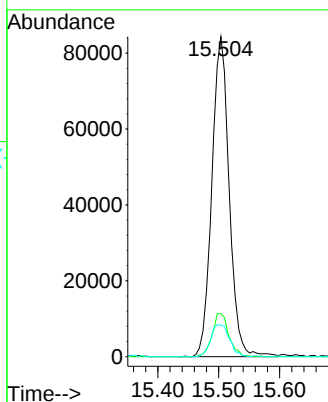
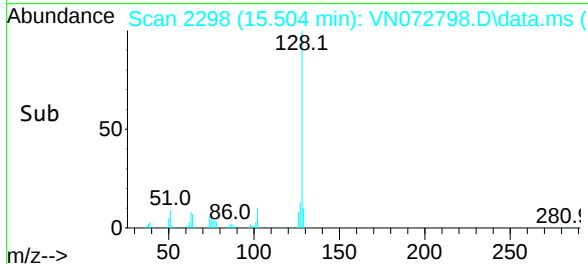
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 16660
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.531 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072798.D
Acq: 13 Jun 2022 11:26

Tgt Ion:180 Resp: 42799
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 38.2 15.5 46.5

