

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076912.D
 Acq On : 09 Mar 2023 19:16
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 10 03:50:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	361891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	637361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	557700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	253670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	266559	52.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.080%	
35) Dibromofluoromethane	8.172	113	193849	48.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.240%	
50) Toluene-d8	10.572	98	676580	44.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.080%	
62) 4-Bromofluorobenzene	12.848	95	253044	47.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.143	85	188328	44.723	ug/l	97
3) Chloromethane	2.378	50	150592	27.190	ug/l	98
4) Vinyl Chloride	2.531	62	130322	25.671	ug/l	93
5) Bromomethane	2.960	94	107255	32.153	ug/l	99
6) Chloroethane	3.131	64	88969	29.578	ug/l	95
7) Trichlorofluoromethane	3.513	101	329154	44.438	ug/l	98
8) Diethyl Ether	3.978	74	152435	53.499	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.390	101	179356	41.413	ug/l	99
10) Methyl Iodide	4.607	142	213764	47.323	ug/l	93
11) Tert butyl alcohol	5.537	59	198833	263.900	ug/l	99
12) 1,1-Dichloroethene	4.354	96	176196	43.629	ug/l	90
13) Acrolein	4.195	56	236124	242.254	ug/l	100
14) Allyl chloride	5.037	41	288820	42.837	ug/l #	84
15) Acrylonitrile	5.731	53	611893	252.529	ug/l	99
16) Acetone	4.443	43	471686	212.975	ug/l	96
17) Carbon Disulfide	4.725	76	449809	41.027	ug/l	98
18) Methyl Acetate	5.037	43	366001	48.228	ug/l	90
19) Methyl tert-butyl Ether	5.807	73	805241	58.147	ug/l	99
20) Methylene Chloride	5.290	84	244071	47.234	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	202355	46.342	ug/l	89
22) Diisopropyl ether	6.684	45	713376	47.029	ug/l #	94
23) Vinyl Acetate	6.613	43	2442918	252.836	ug/l #	93
24) 1,1-Dichloroethane	6.584	63	413481	47.802	ug/l	97
25) 2-Butanone	7.495	43	747743	231.124	ug/l	91
26) 2,2-Dichloropropane	7.501	77	314444	49.639	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	243859	47.672	ug/l	85
28) Bromochloromethane	7.825	49	172627	47.195	ug/l	83
29) Tetrahydrofuran	7.848	42	485720	232.729	ug/l	85
30) Chloroform	7.972	83	446550	51.978	ug/l	96
31) Cyclohexane	8.266	56	298415	34.816	ug/l	88
32) 1,1,1-Trichloroethane	8.178	97	367293	49.371	ug/l	96
36) 1,1-Dichloropropene	8.378	75	278118	43.399	ug/l	96
37) Ethyl Acetate	7.566	43	303269	46.105	ug/l	97
38) Carbon Tetrachloride	8.372	117	317395	48.754	ug/l	99
39) Methylcyclohexane	9.607	83	326247	41.303	ug/l #	87
40) Benzene	8.613	78	916872	46.968	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	173027	48.170	ug/l	89
42) 1,2-Dichloroethane	8.678	62	372193	54.733	ug/l	94
43) Isopropyl Acetate	8.695	43	548474	54.466	ug/l #	90
44) Trichloroethene	9.360	130	209502	45.263	ug/l	100
45) 1,2-Dichloropropane	9.625	63	238770	47.332	ug/l	100
46) Dibromomethane	9.713	93	172605	53.871	ug/l	97
47) Bromodichloromethane	9.889	83	357578	54.287	ug/l	99
48) Methyl methacrylate	9.683	41	251071	51.310	ug/l	84
49) 1,4-Dioxane	9.701	88	87338	973.815	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	1556009	244.973	ug/l	94
52) Toluene	10.630	92	554742	47.726	ug/l	97
53) t-1,3-Dichloropropene	10.842	75	369645	57.894	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	396929	54.122	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	238447	51.569	ug/l	98
56) Ethyl methacrylate	10.877	69	390117	56.626	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	415371	51.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	660022	276.499	ug/l	94
59) 2-Hexanone	11.201	43	1125258	244.482	ug/l	92
60) Dibromochloromethane	11.360	129	264974	58.155	ug/l	97
61) 1,2-Dibromoethane	11.471	107	238390	53.641	ug/l	98
64) Tetrachloroethene	11.107	164	169198	40.768	ug/l	98
65) Chlorobenzene	11.895	112	568843	47.197	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	235288	53.967	ug/l	97
67) Ethyl Benzene	11.966	91	1038086	47.435	ug/l	97
68) m/p-Xylenes	12.071	106	777008	94.370	ug/l	89
69) o-Xylene	12.401	106	392153	48.365	ug/l	84
70) Styrene	12.413	104	664180	52.247	ug/l #	93
71) Bromoform	12.583	173	186237	62.756	ug/l #	98
73) Isopropylbenzene	12.701	105	1001743	45.304	ug/l	95
74) N-amyl acetate	12.495	43	421006	48.684	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	351088	49.544	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	442052	69.098	ug/l	56
77) Bromobenzene	12.983	156	231515	47.315	ug/l	85
78) n-propylbenzene	13.036	91	1139055	45.172	ug/l	95
79) 2-Chlorotoluene	13.130	91	735548	45.474	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	881389	47.560	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.742	75	102346	52.761	ug/l	89
82) 4-Chlorotoluene	13.224	91	713820	46.550	ug/l	91
83) tert-Butylbenzene	13.442	119	725661	45.822	ug/l	90
84) 1,2,4-Trimethylbenzene	13.483	105	888820	48.621	ug/l	92
85) sec-Butylbenzene	13.618	105	1010392	45.697	ug/l	97
86) p-Isopropyltoluene	13.730	119	855422	48.370	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	422925	47.337	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	417733	46.048	ug/l	97
89) n-Butylbenzene	14.060	91	704427	46.107	ug/l	98
90) Hexachloroethane	14.336	117	151623	47.453	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	433327	47.881	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	77946	58.048	ug/l	84
93) 1,2,4-Trichlorobenzene	15.395	180	241614	53.366	ug/l	98
94) Hexachlorobutadiene	15.501	225	120120	50.955	ug/l	99
95) Naphthalene	15.642	128	829770	57.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	243509	54.721	ug/l	98

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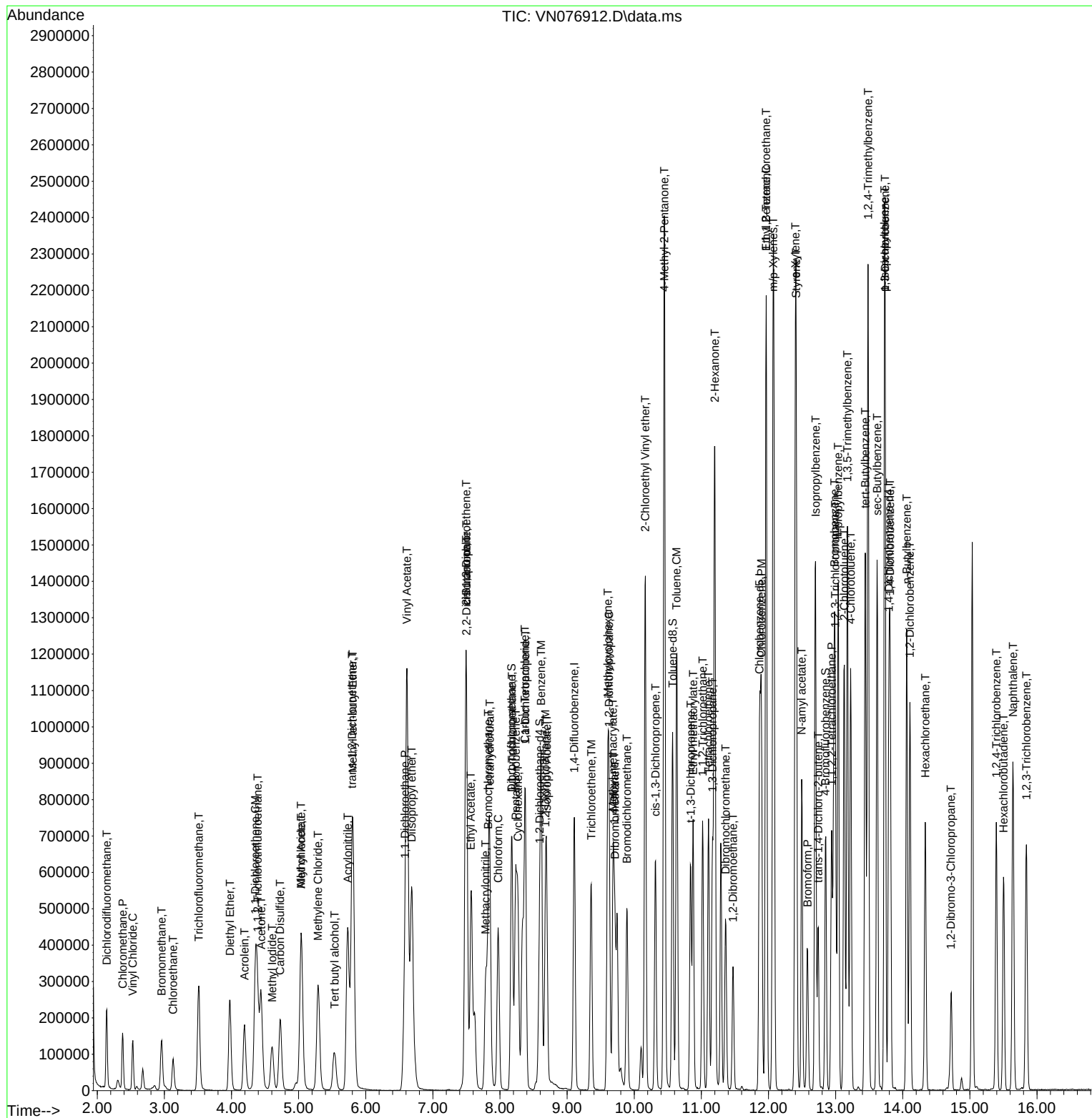
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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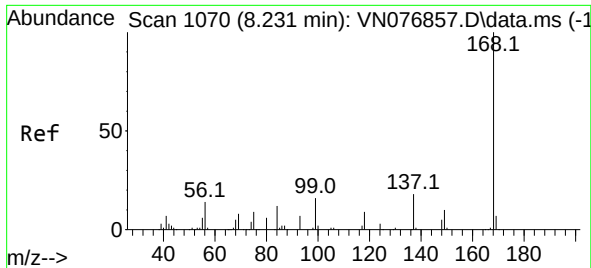
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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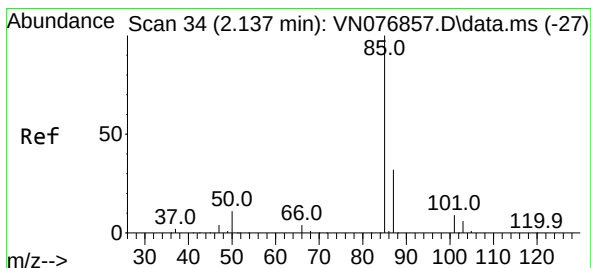
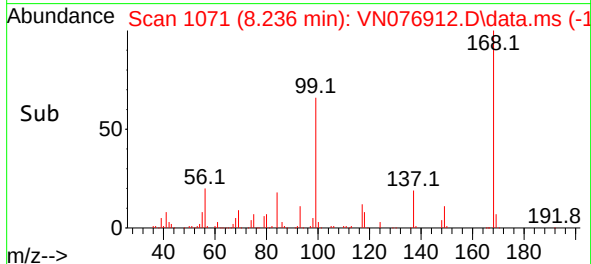
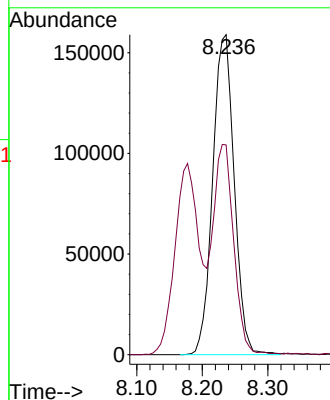
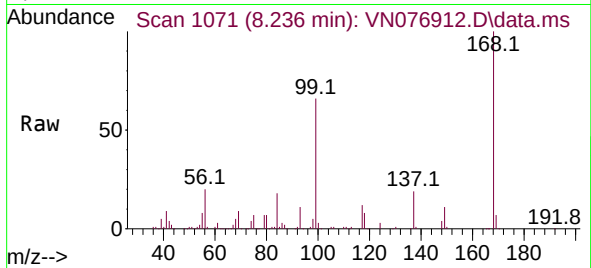




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN076912.D
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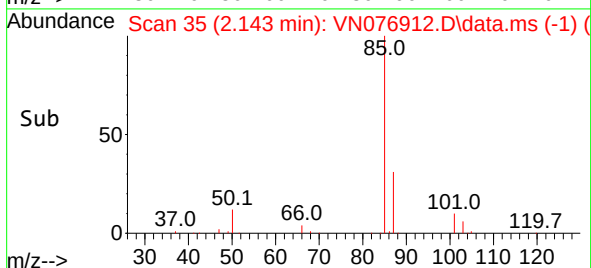
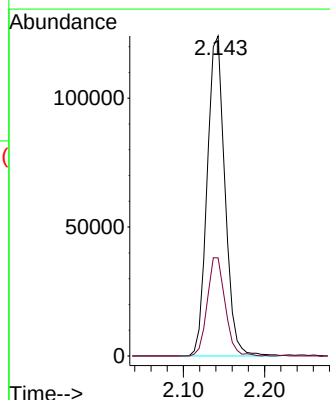
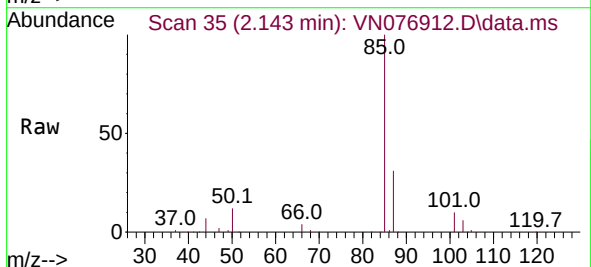
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

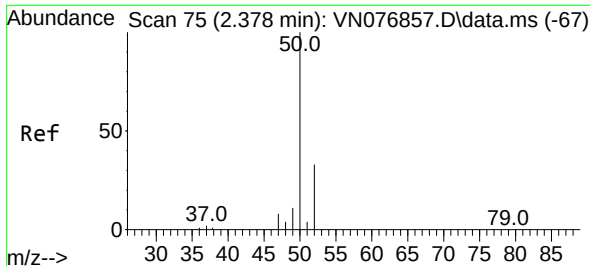
Tgt Ion:168 Resp: 361891
Ion Ratio Lower Upper
168 100
99 65.2 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 44.723 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 85 Resp: 188328
Ion Ratio Lower Upper
85 100
87 30.7 16.2 48.6

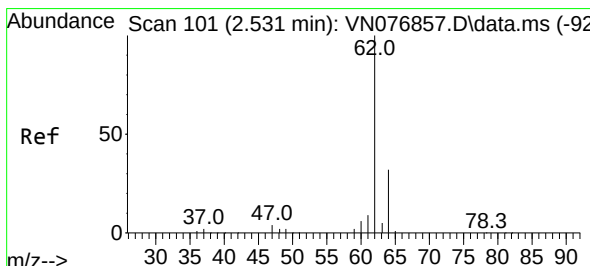
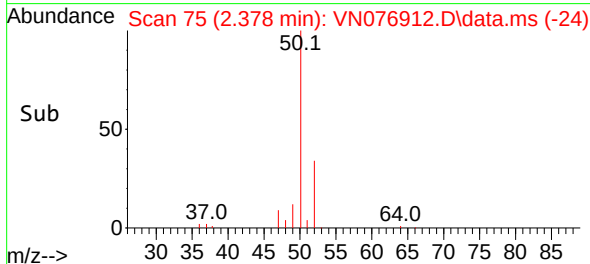
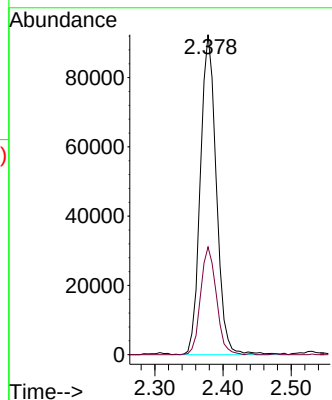
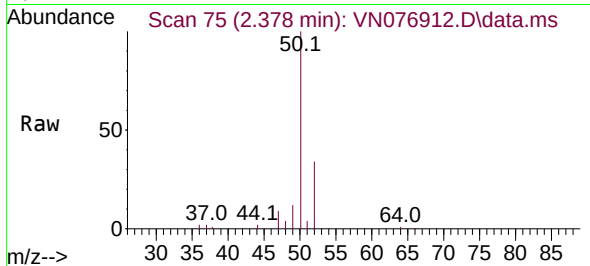




#3
Chloromethane
Concen: 27.190 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

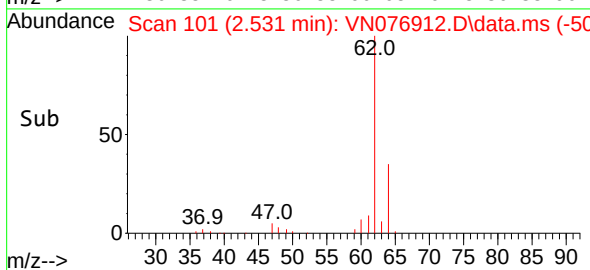
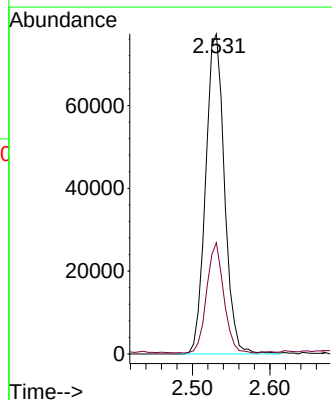
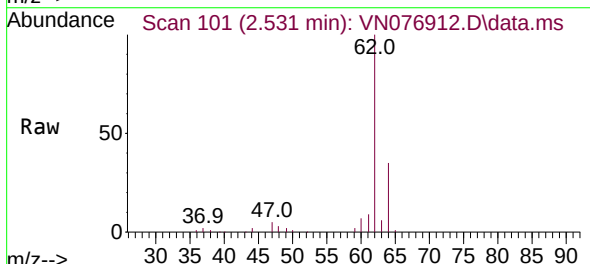
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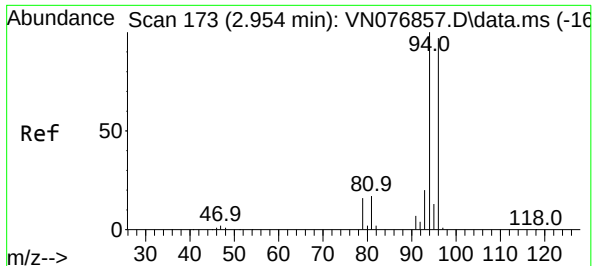
Tgt Ion: 50 Resp: 150592
Ion Ratio Lower Upper
50 100
52 33.7 27.9 41.9



#4
Vinyl Chloride
Concen: 25.671 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 62 Resp: 130322
Ion Ratio Lower Upper
62 100
64 34.3 24.5 36.7

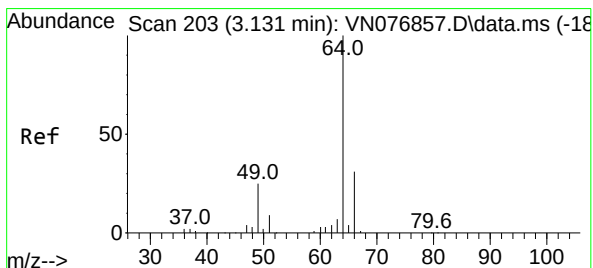
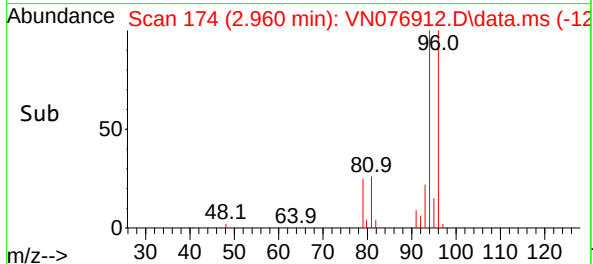
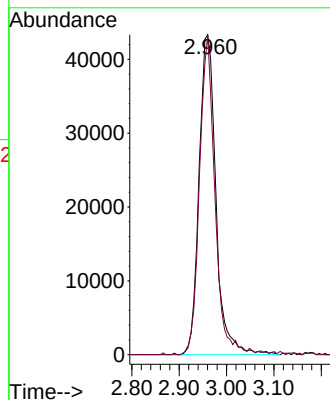
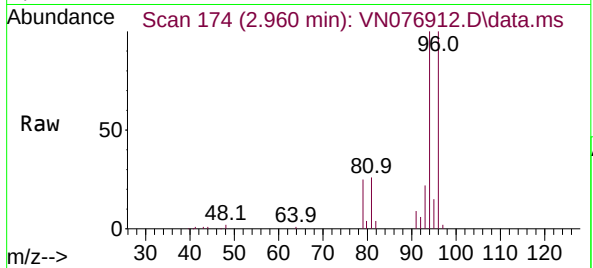




#5
Bromomethane
Concen: 32.153 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076912.D
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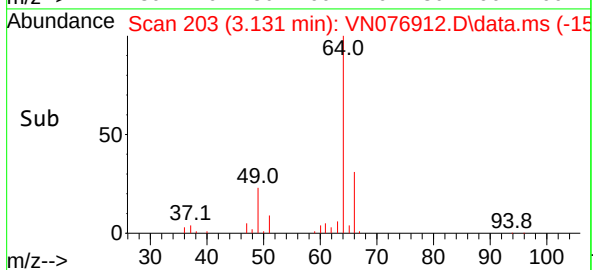
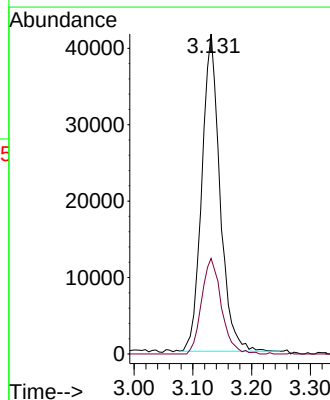
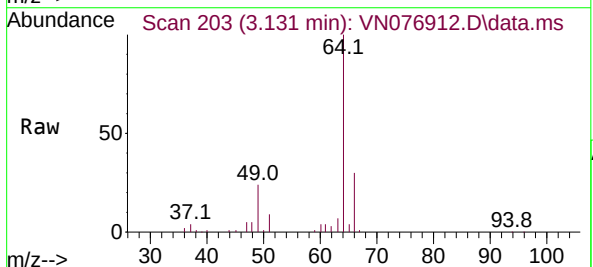
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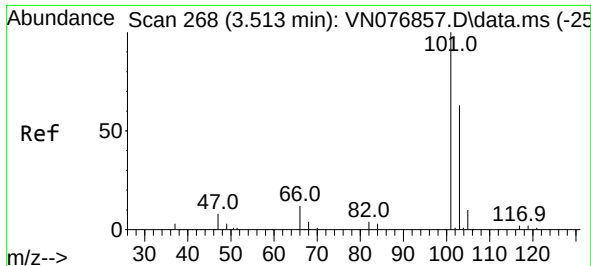
Tgt Ion: 94 Resp: 107255
Ion Ratio Lower Upper
94 100
96 99.7 79.0 118.6



#6
Chloroethane
Concen: 29.578 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 64 Resp: 88969
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4

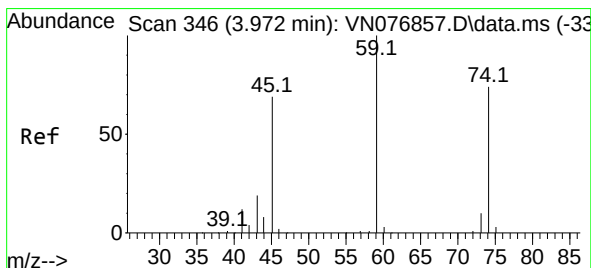
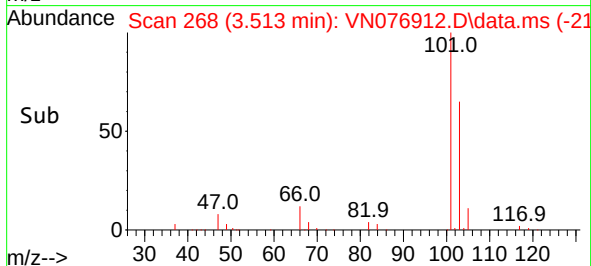
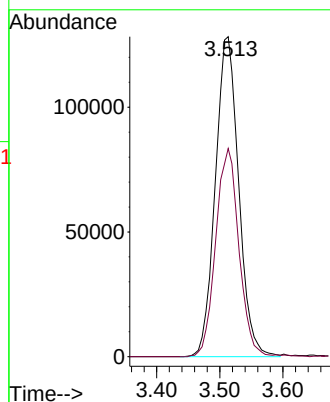
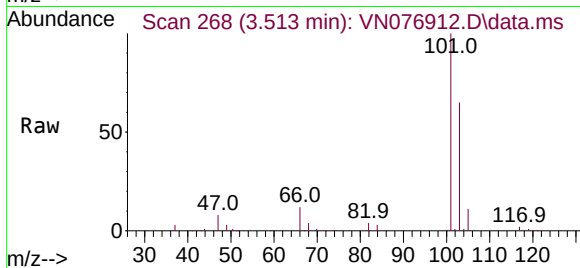




#7
 Trichlorofluoromethane
 Concen: 44.438 ug/l
 RT: 3.513 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

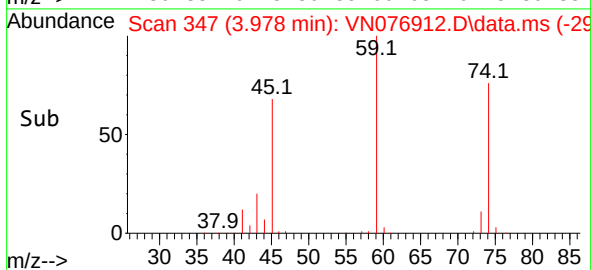
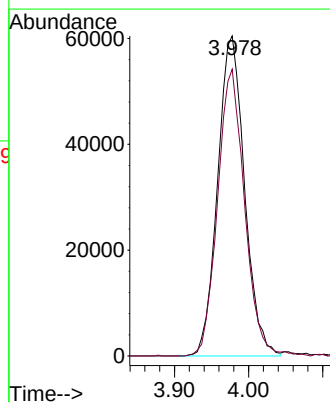
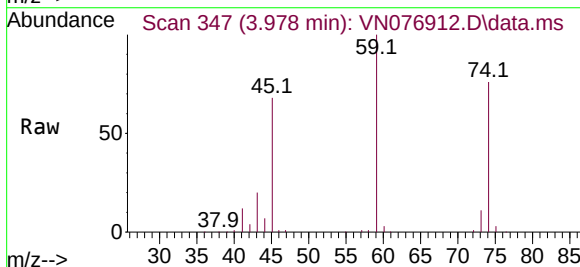
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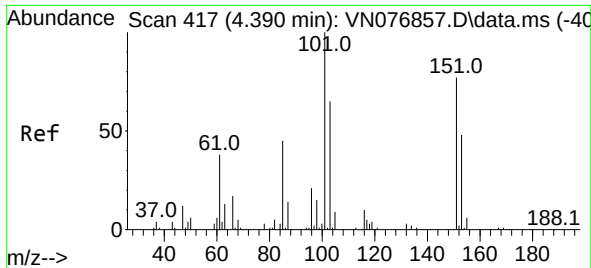
Tgt Ion:101 Resp: 329154
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 53.499 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076912.D
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Tgt Ion: 74 Resp: 152435
 Ion Ratio Lower Upper
 74 100
 45 89.9 35.5 106.5

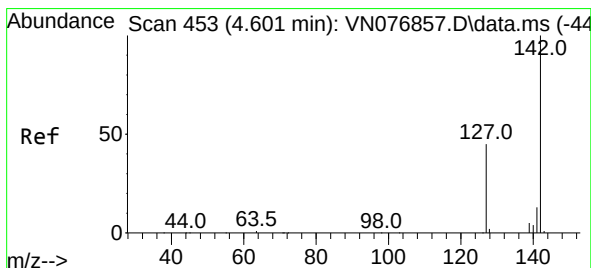
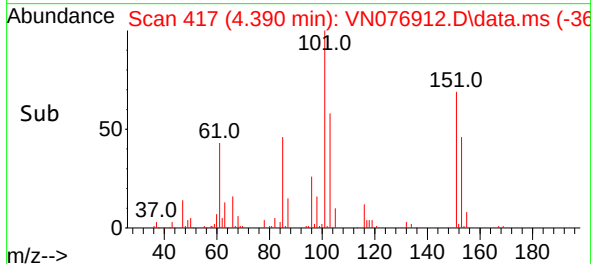
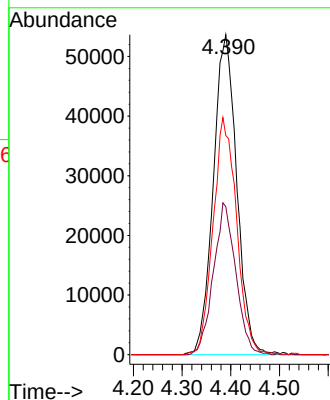
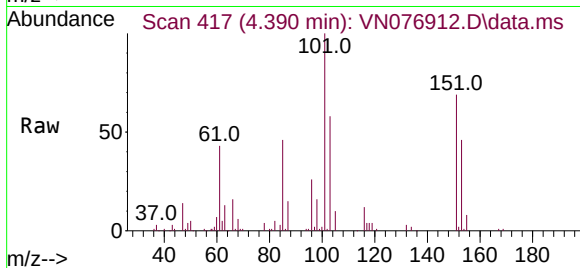




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.413 ug/l
RT: 4.390 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

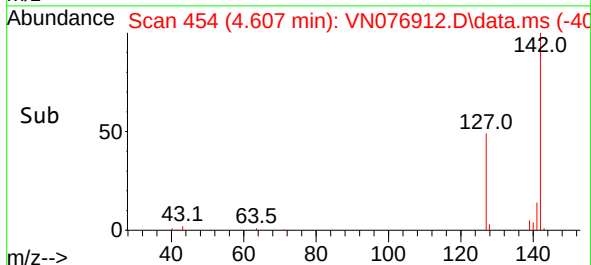
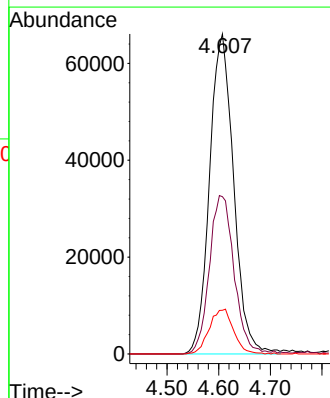
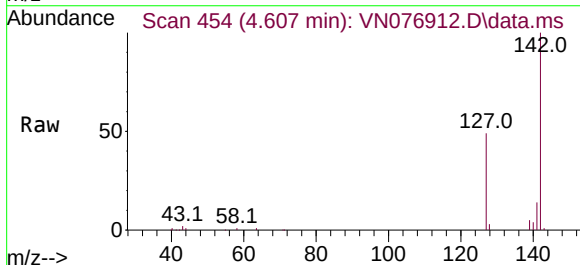
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

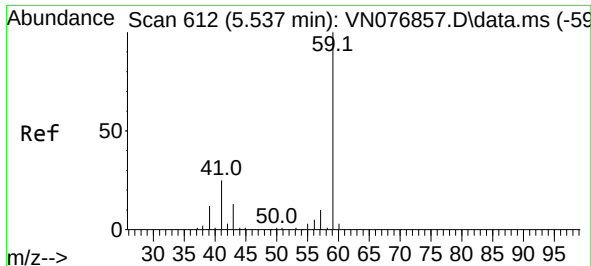
Tgt Ion:101 Resp: 179356
Ion Ratio Lower Upper
101 100
85 45.2 35.2 52.8
151 74.4 58.9 88.3



#10
Methyl Iodide
Concen: 47.323 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion:142 Resp: 213764
Ion Ratio Lower Upper
142 100
127 49.2 35.2 52.8
141 13.6 10.2 15.2

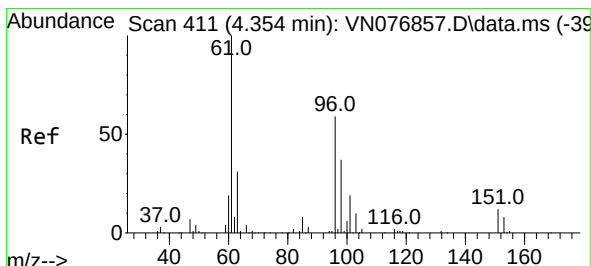
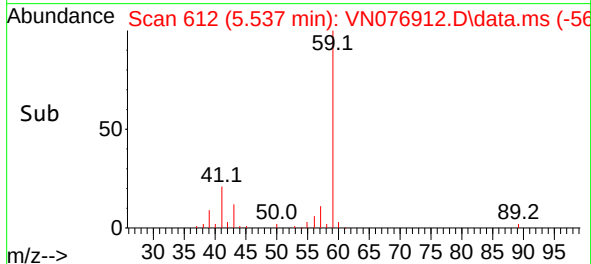
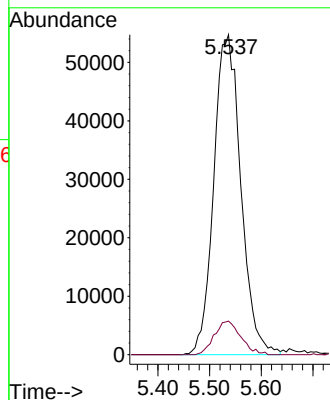
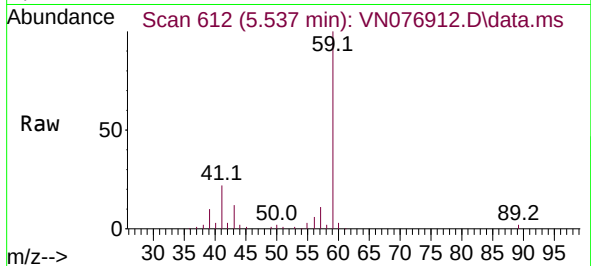




#11
Tert butyl alcohol
Concen: 263.900 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

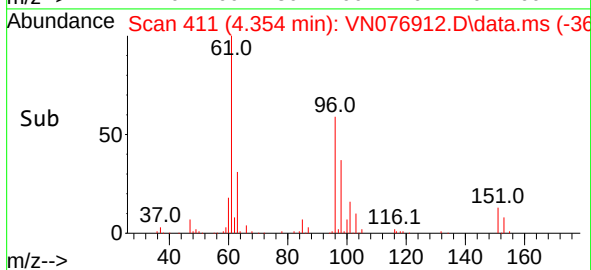
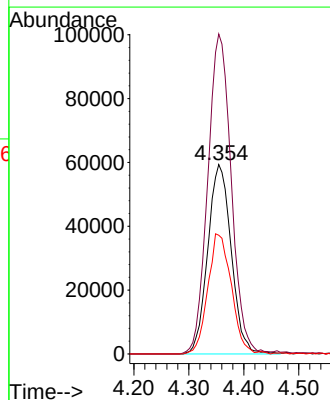
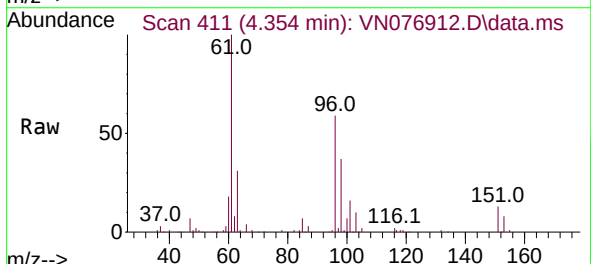
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

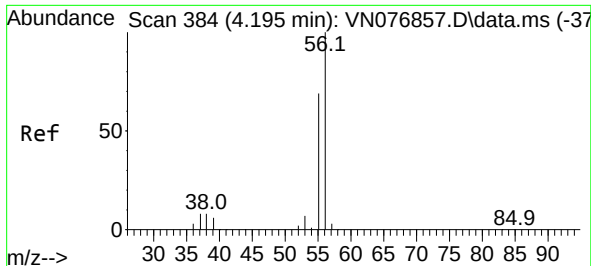
Tgt Ion: 59 Resp: 198833
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 43.629 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 96 Resp: 176196
Ion Ratio Lower Upper
96 100
61 168.9 121.3 181.9
98 62.7 52.1 78.1

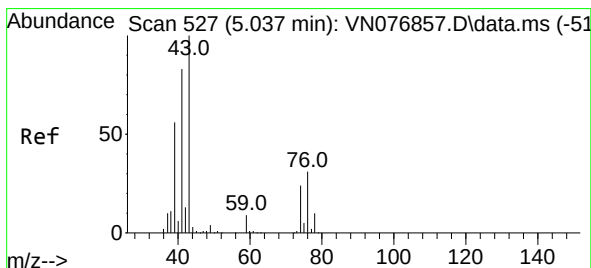
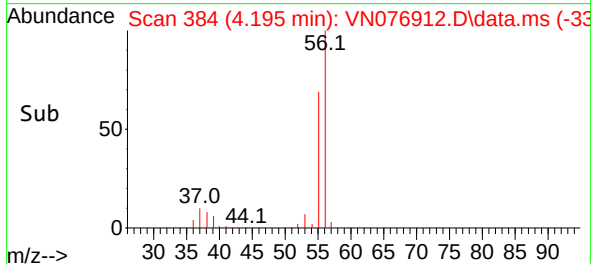
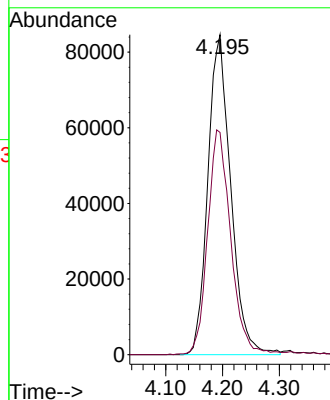
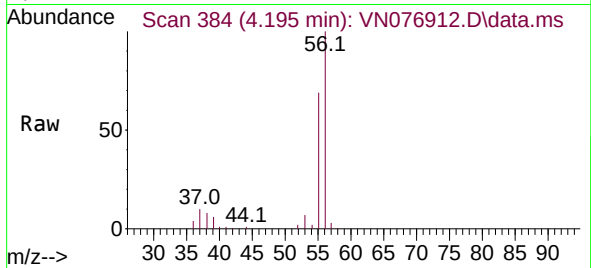




#13
Acrolein
Concen: 242.254 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

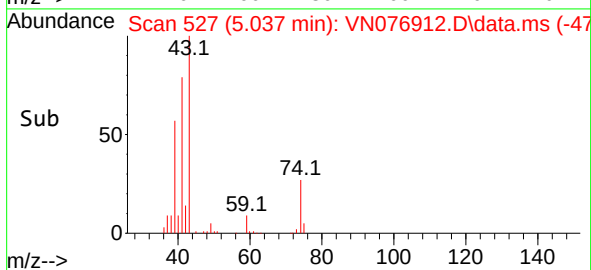
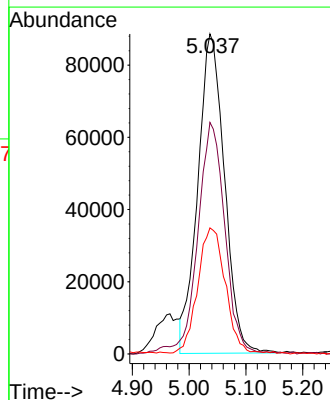
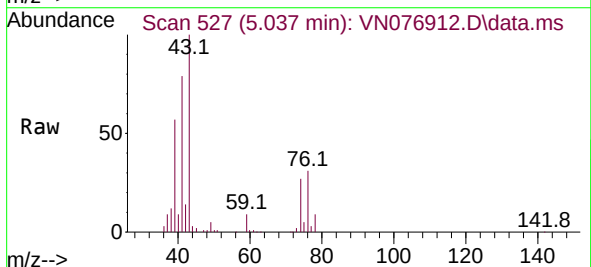
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

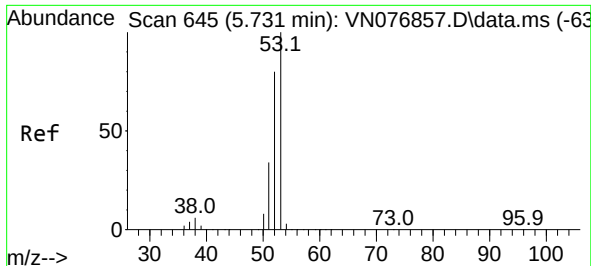
Tgt Ion: 56 Resp: 236124
Ion Ratio Lower Upper
56 100
55 71.1 56.7 85.1



#14
Allyl chloride
Concen: 42.837 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 41 Resp: 288820
Ion Ratio Lower Upper
41 100
39 74.0 68.1 102.1
76 40.2 44.1 66.1#

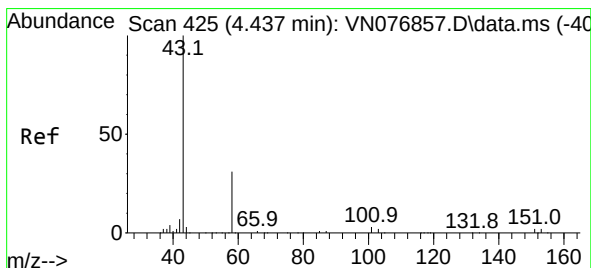
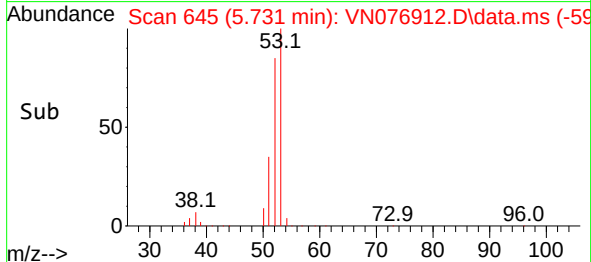
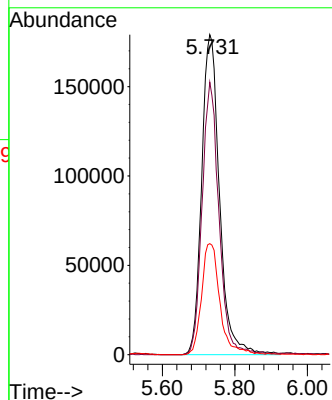
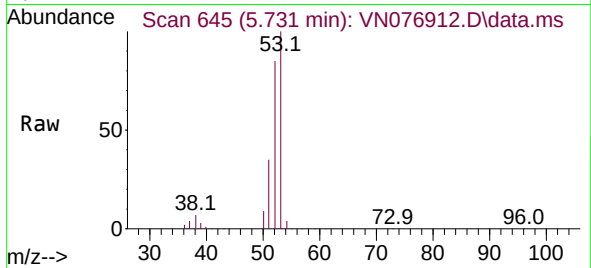




#15
Acrylonitrile
Concen: 252.529 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

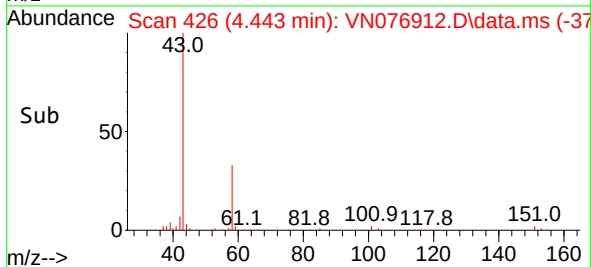
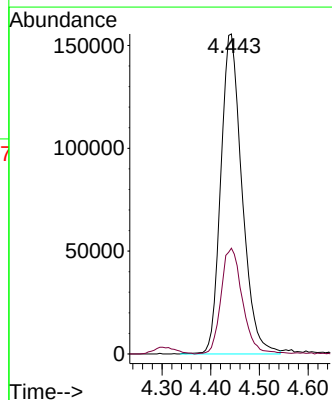
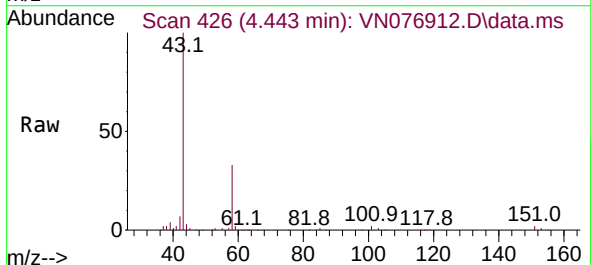
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

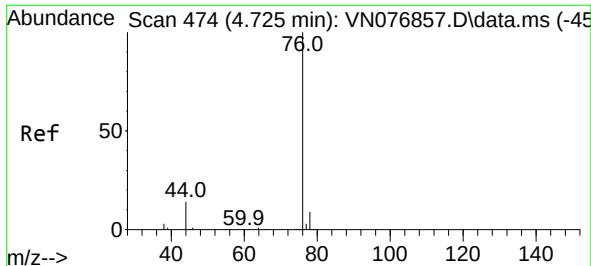
Tgt Ion: 53 Resp: 611893
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.6 28.8 43.2



#16
Acetone
Concen: 212.975 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 43 Resp: 471686
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2

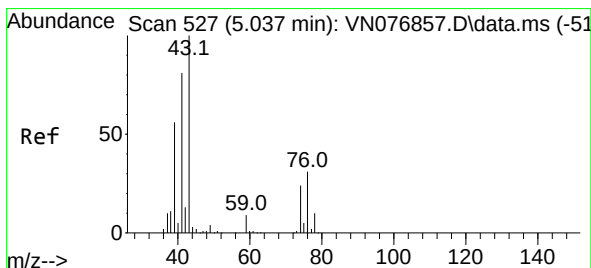
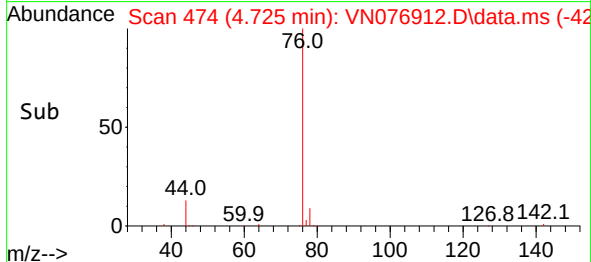
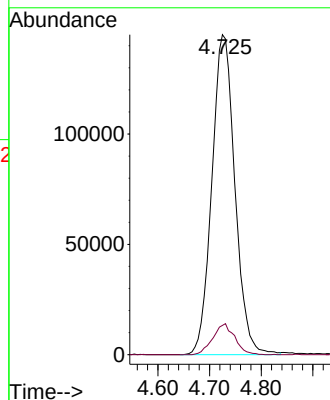
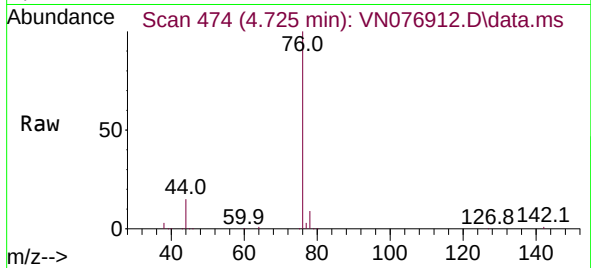




#17
Carbon Disulfide
Concen: 41.027 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

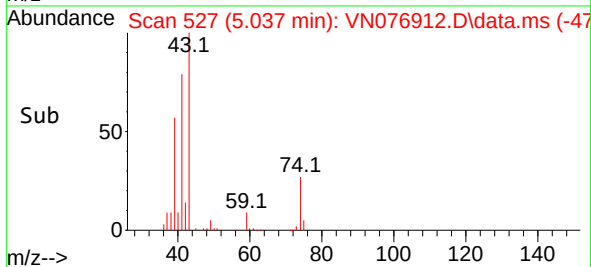
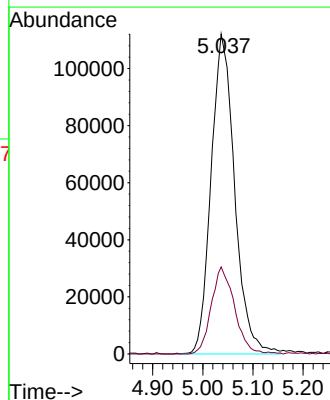
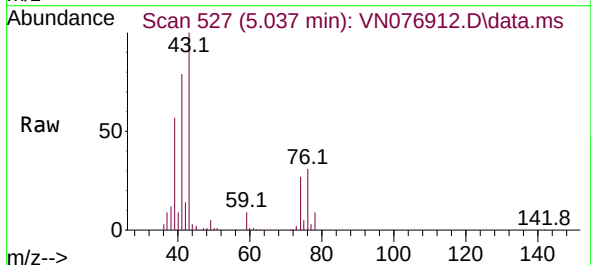
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

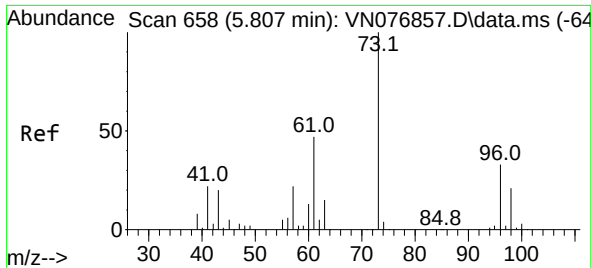
Tgt Ion: 76 Resp: 449809
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 48.228 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 43 Resp: 366001
Ion Ratio Lower Upper
43 100
74 26.6 25.9 38.9

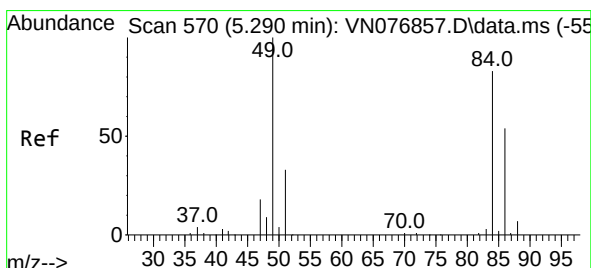
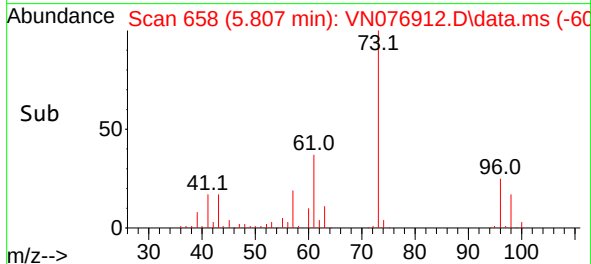
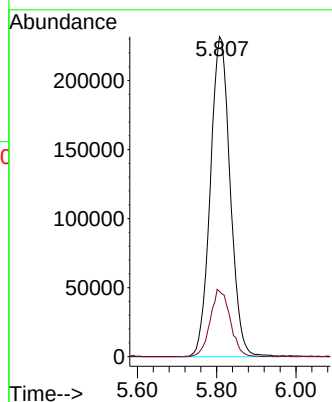
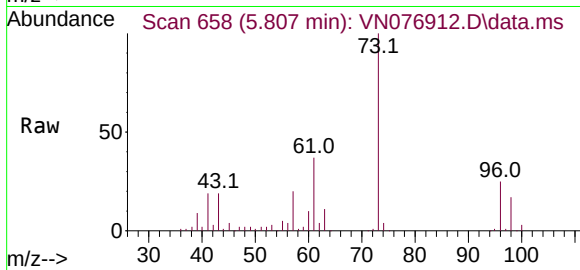




#19
Methyl tert-butyl Ether
Concen: 58.147 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

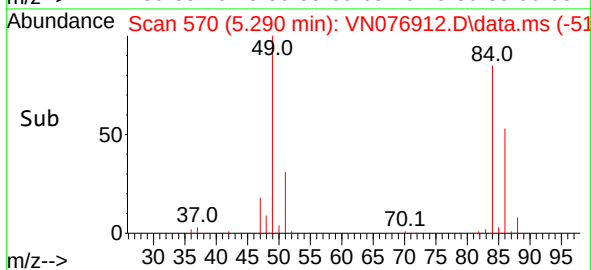
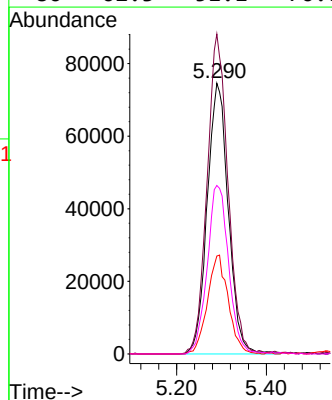
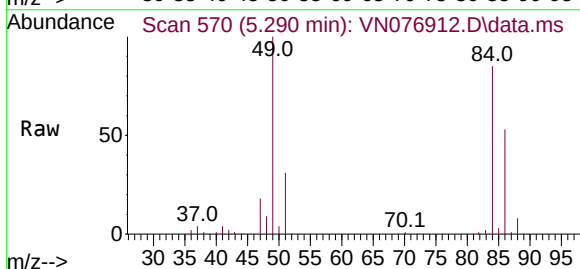
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

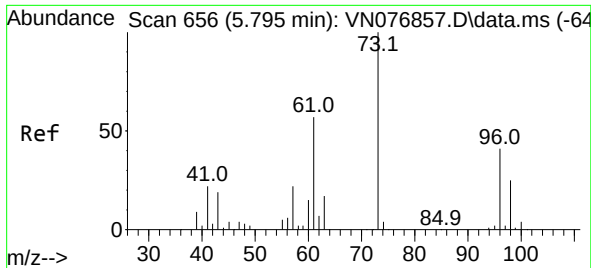
Tgt Ion: 73 Resp: 805241
Ion Ratio Lower Upper
73 100
57 20.4 16.1 24.1



#20
Methylene Chloride
Concen: 47.234 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 84 Resp: 244071
Ion Ratio Lower Upper
84 100
49 118.2 76.6 114.8#
51 36.2 25.4 38.2
86 62.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.342 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

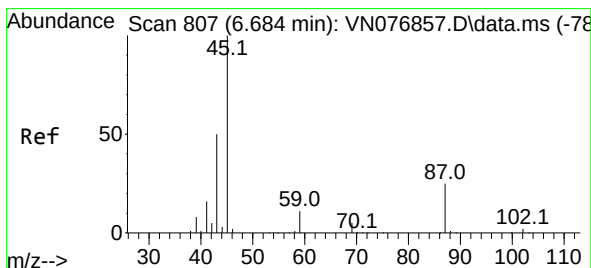
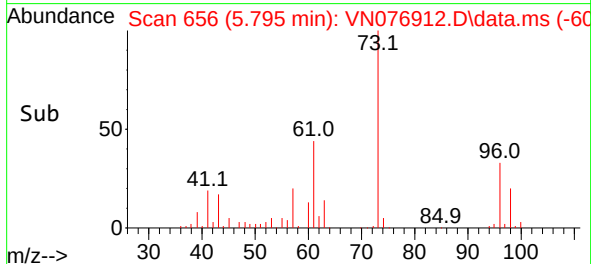
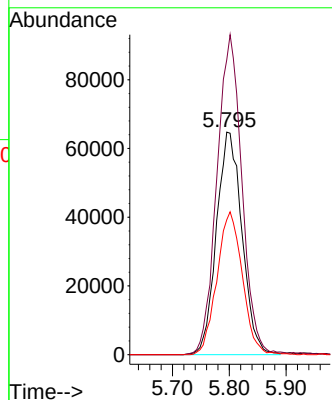
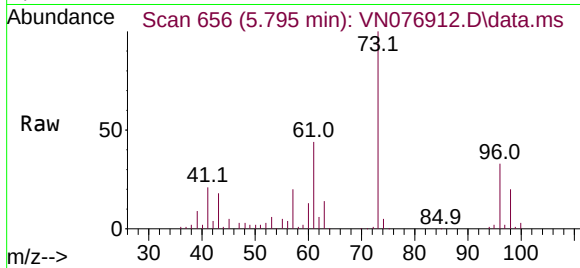
Tgt Ion: 96 Resp: 202355

Ion Ratio Lower Upper

96 100

61 132.5 95.0 142.6

98 60.6 54.5 81.7



#22

Diisopropyl ether

Concen: 47.029 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Tgt Ion: 45 Resp: 713376

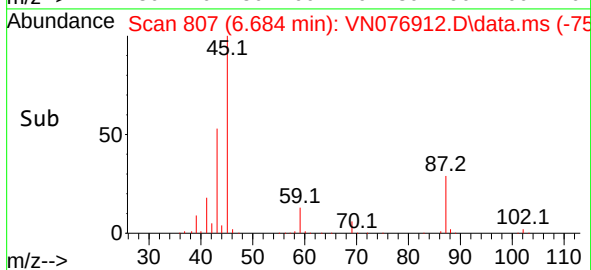
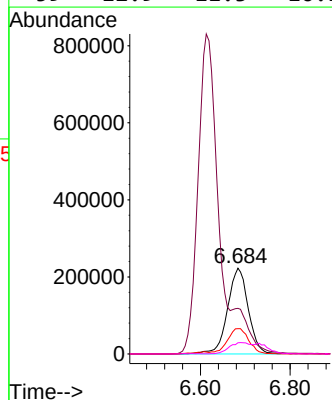
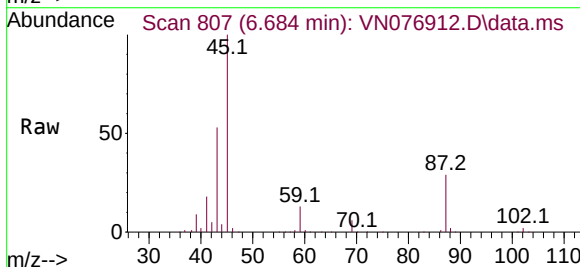
Ion Ratio Lower Upper

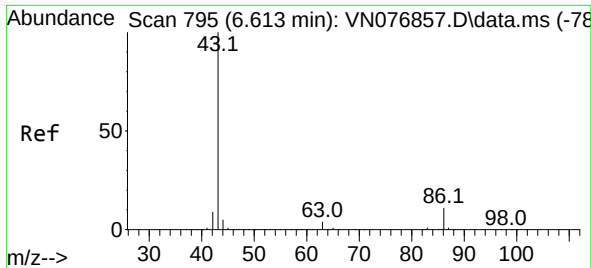
45 100

43 51.8 42.6 63.8

87 29.3 29.7 44.5#

59 12.9 11.3 16.9

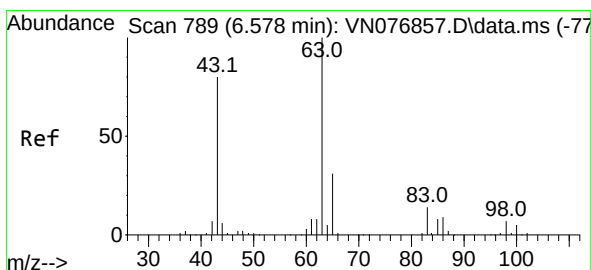
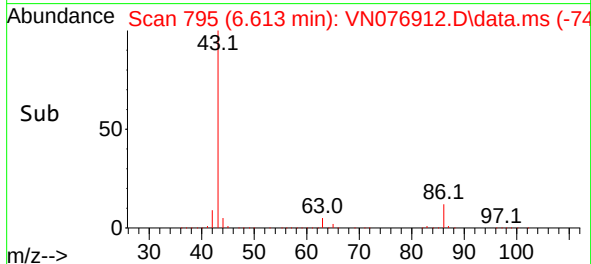
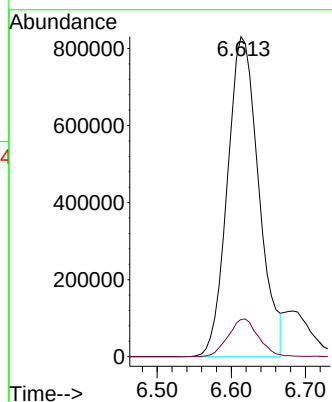
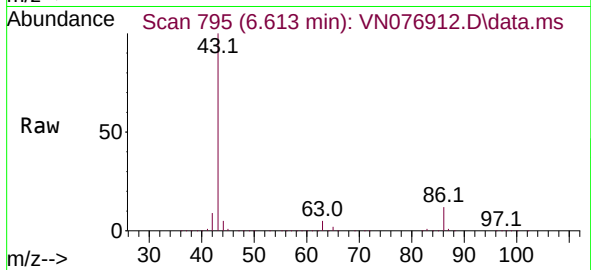




#23
 Vinyl Acetate
 Concen: 252.836 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

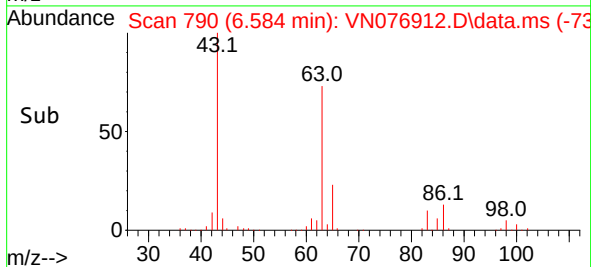
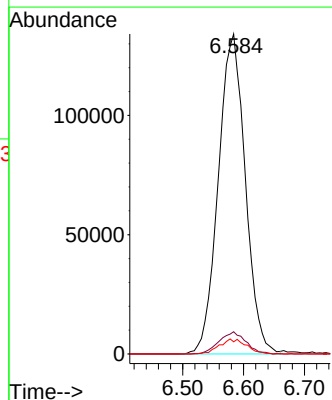
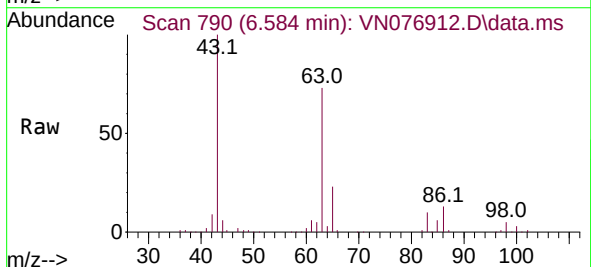
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

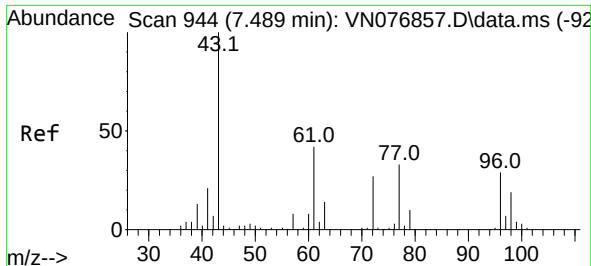
Tgt Ion: 43 Resp: 2442918
 Ion Ratio Lower Upper
 43 100
 86 11.7 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 47.802 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

Tgt Ion: 63 Resp: 413481
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.6
 100 3.8 2.2 6.6

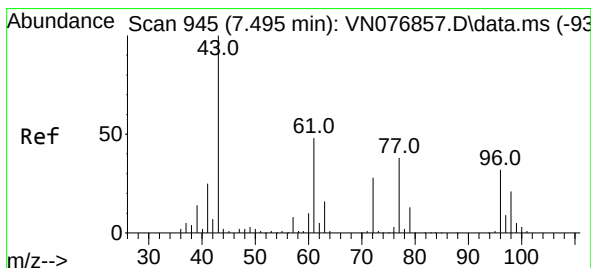
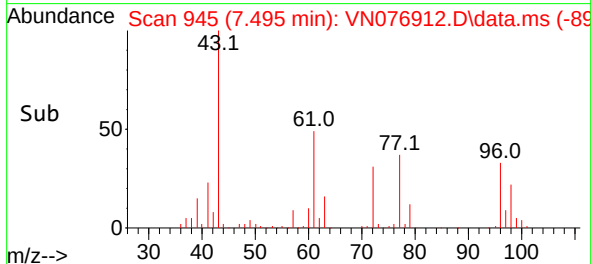
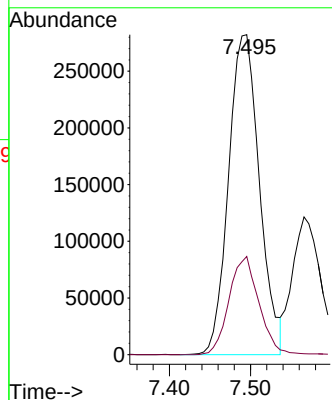
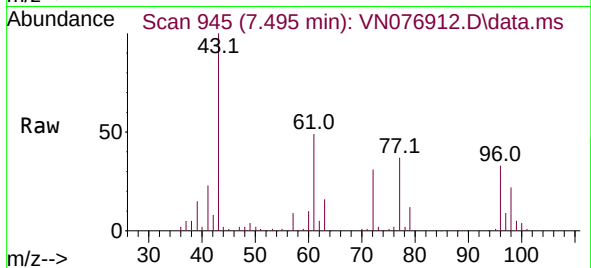




#25
2-Butanone
Concen: 231.124 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

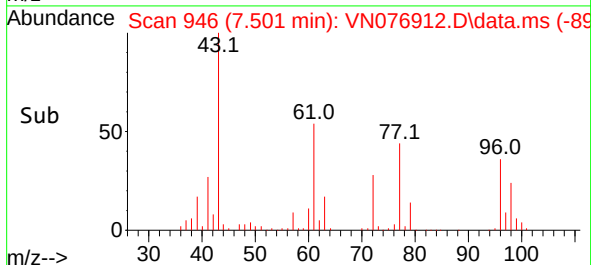
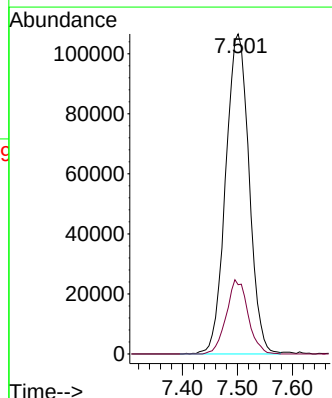
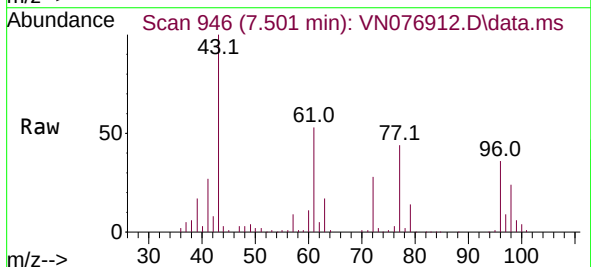
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

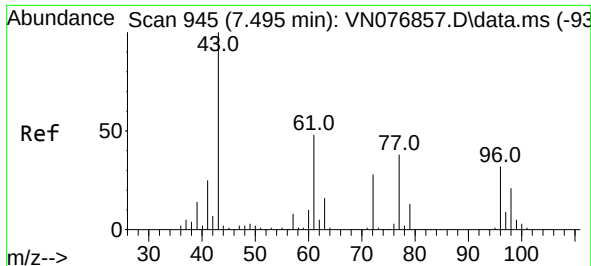
Tgt Ion: 43 Resp: 747743
Ion Ratio Lower Upper
43 100
72 30.7 28.8 43.2



#26
2,2-Dichloropropane
Concen: 49.639 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 77 Resp: 314444
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5



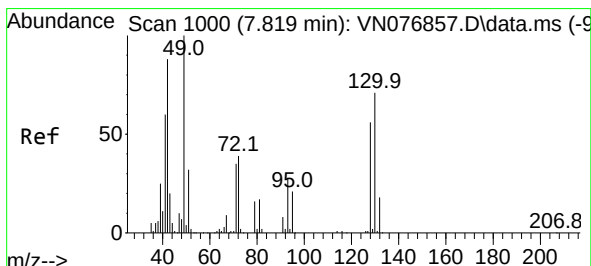
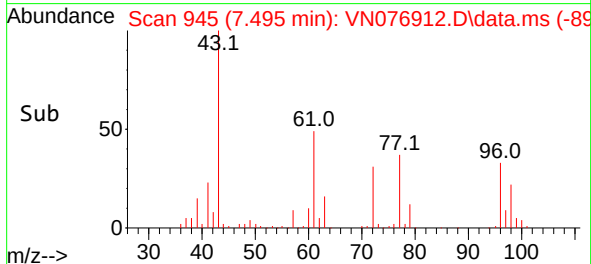
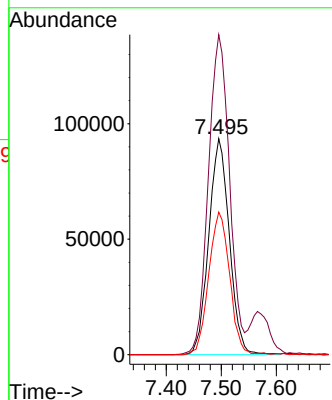
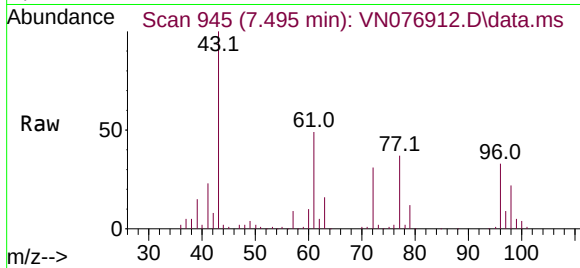


#27
 cis-1,2-Dichloroethene
 Concen: 47.672 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 243859

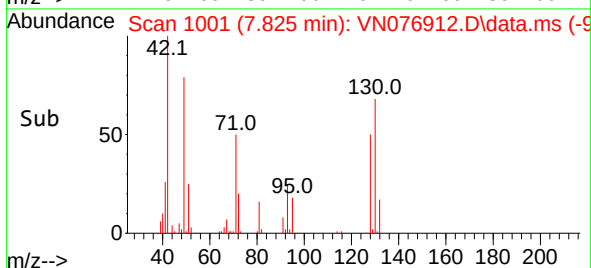
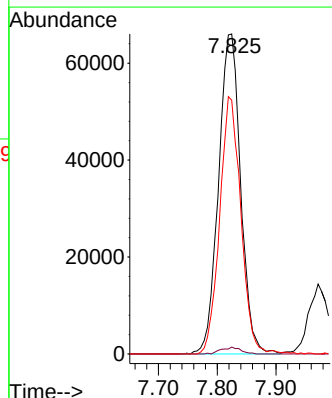
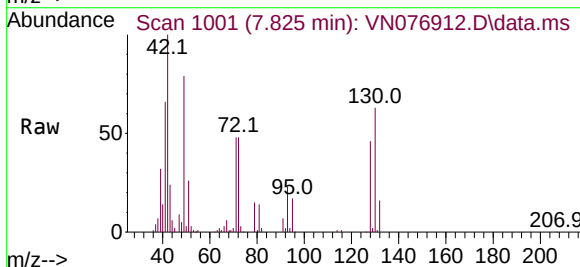
Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	255.6
98	66.4	0.0	127.4

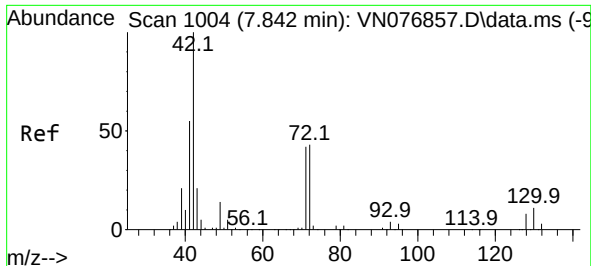


#28
 Bromochloromethane
 Concen: 47.195 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

Tgt Ion: 49 Resp: 172627

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	77.1	74.8	112.2





#29

Tetrahydrofuran

Concen: 232.729 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

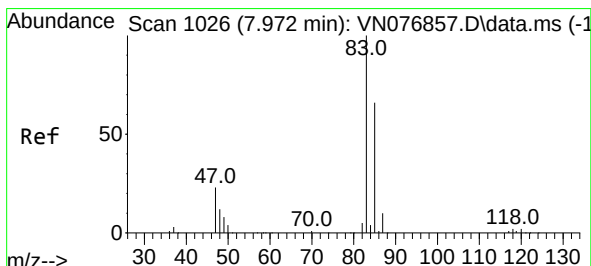
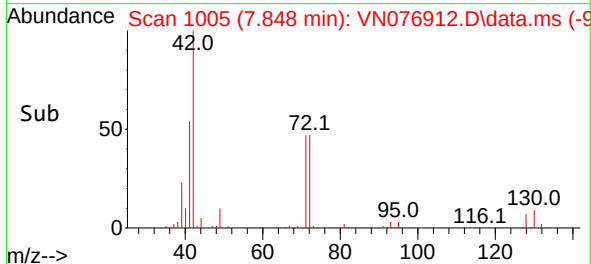
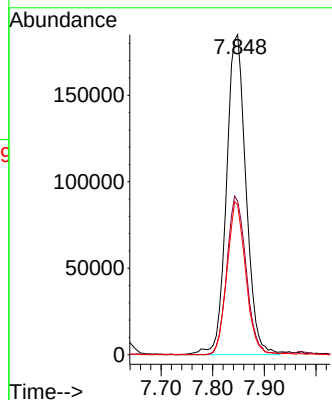
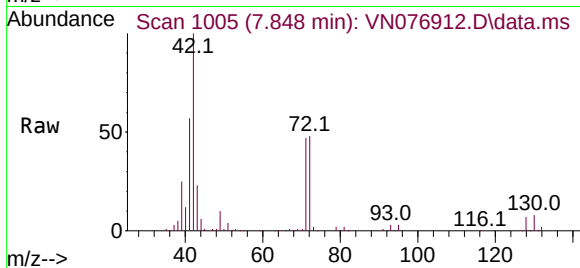
Tgt Ion: 42 Resp: 485720

Ion Ratio Lower Upper

42 100

72 48.9 48.6 73.0

71 46.0 45.1 67.7



#30

Chloroform

Concen: 51.978 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076912.D

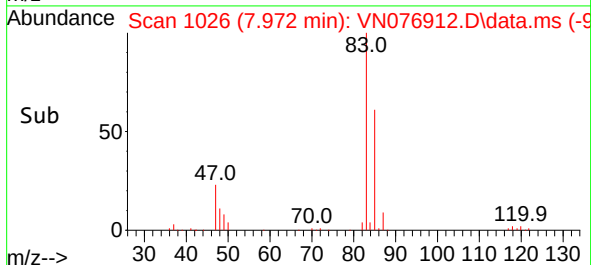
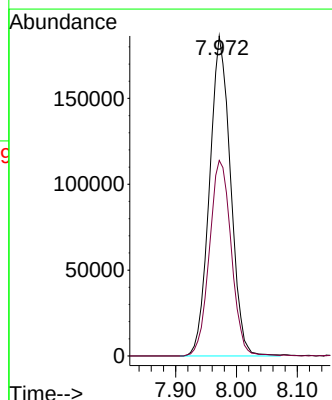
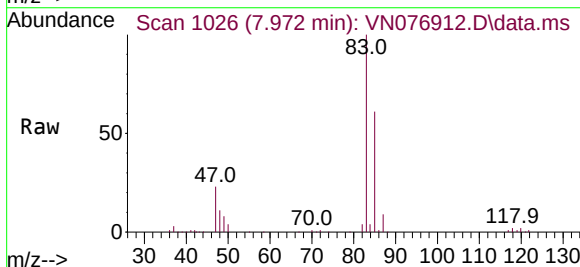
Acq: 09 Mar 2023 19:16

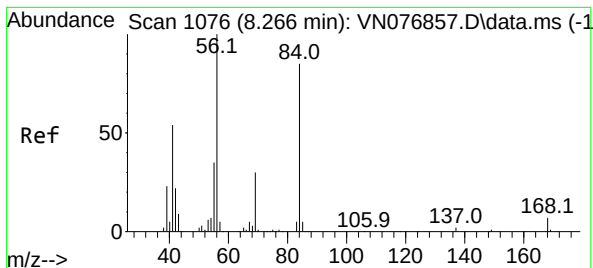
Tgt Ion: 83 Resp: 446550

Ion Ratio Lower Upper

83 100

85 61.1 51.3 76.9





#31

Cyclohexane

Concen: 34.816 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

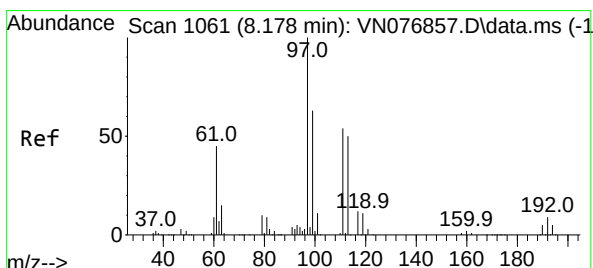
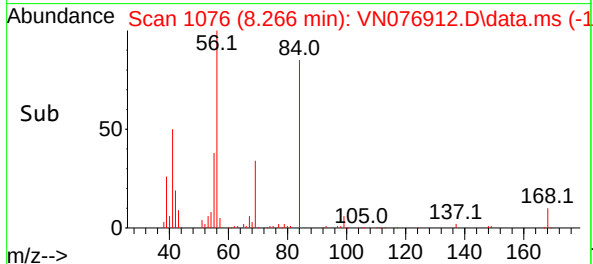
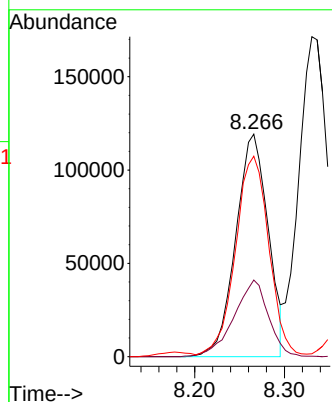
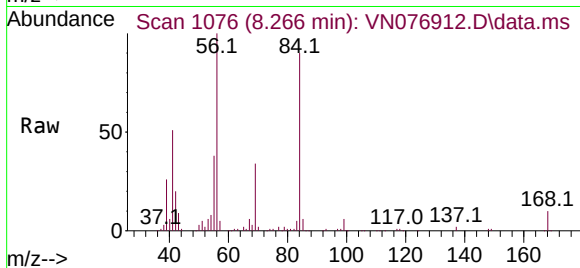
Tgt Ion: 56 Resp: 298415

Ion Ratio Lower Upper

56 100

69 34.4 27.0 40.6

84 88.2 82.9 124.3



#32

1,1,1-Trichloroethane

Concen: 49.371 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

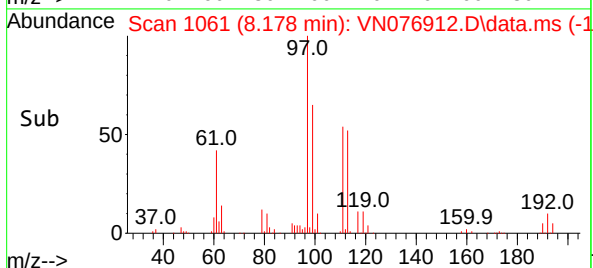
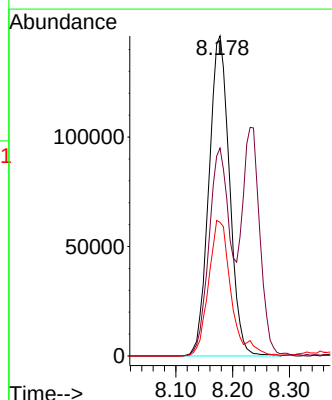
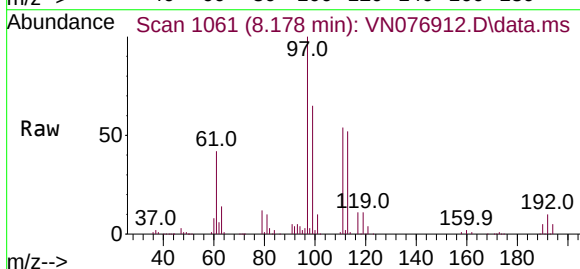
Tgt Ion: 97 Resp: 367293

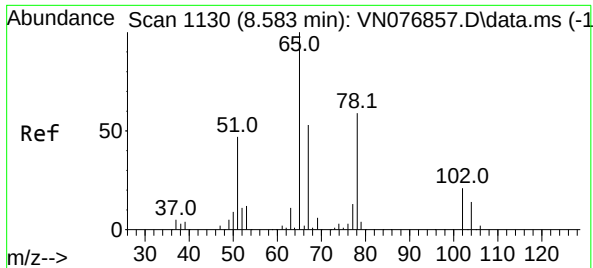
Ion Ratio Lower Upper

97 100

99 67.6 51.2 76.8

61 46.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.536 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

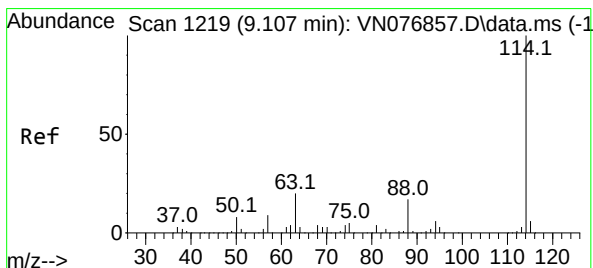
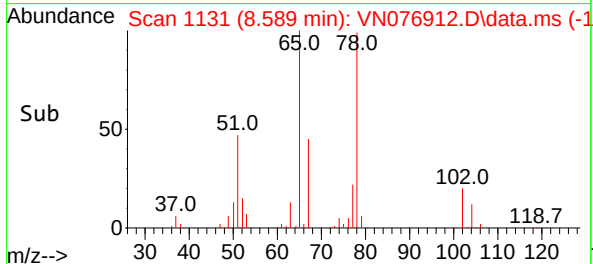
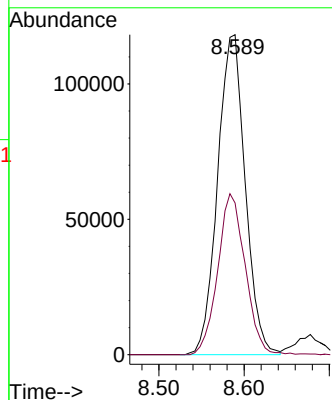
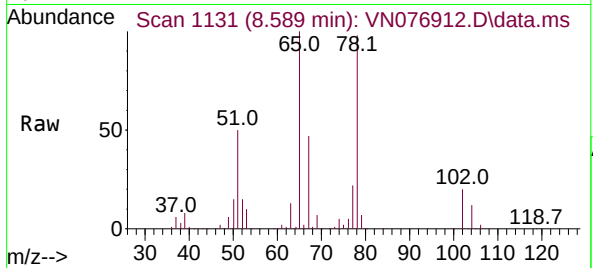
VSTDCCC050EC

Tgt Ion: 65 Resp: 266559

Ion Ratio Lower Upper

65 100

67 50.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

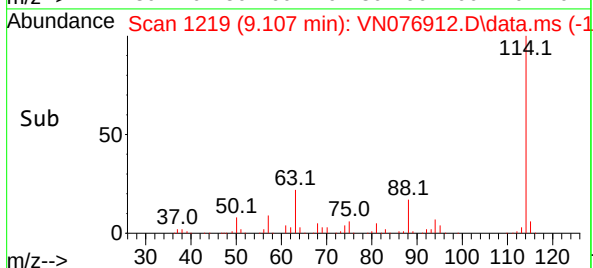
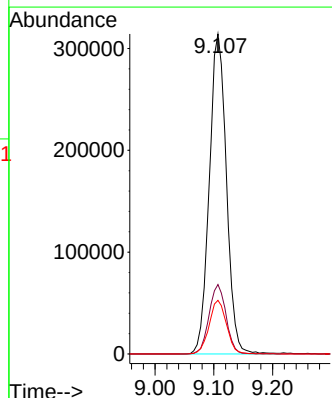
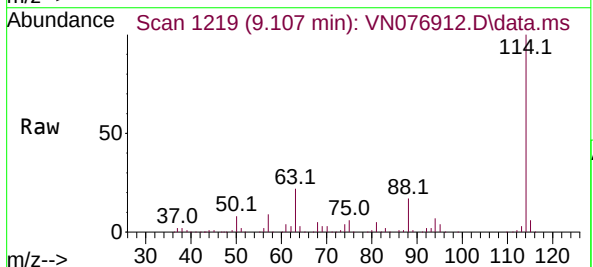
Tgt Ion: 114 Resp: 637361

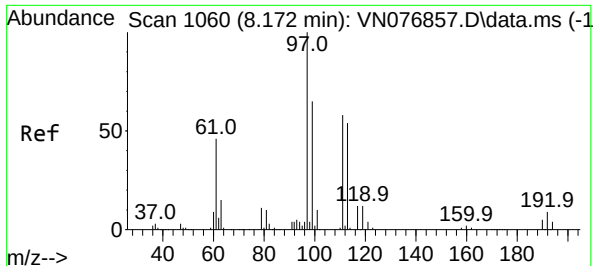
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 16.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.618 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

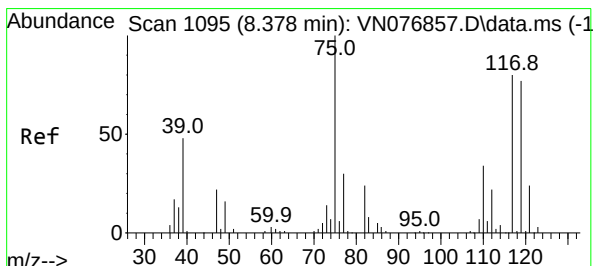
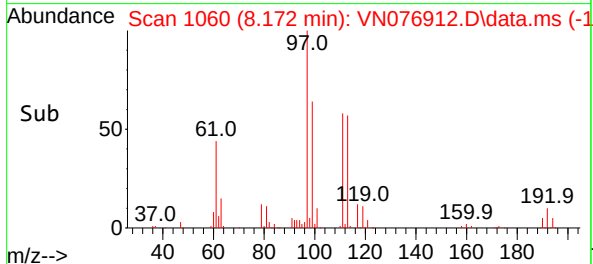
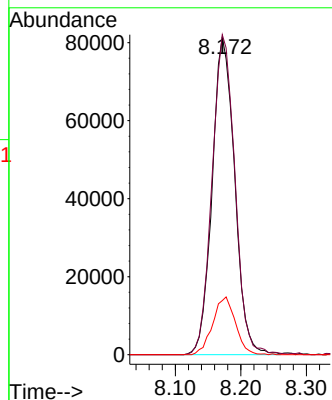
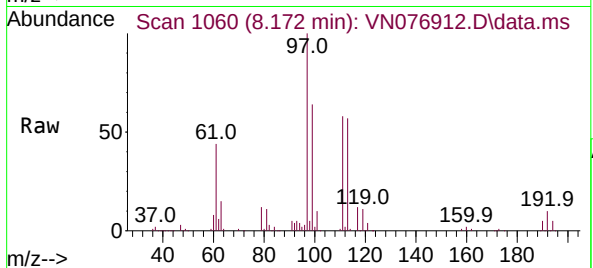
Tgt Ion:113 Resp: 193849

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.4 13.9 20.9



#36

1,1-Dichloropropene

Concen: 43.399 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

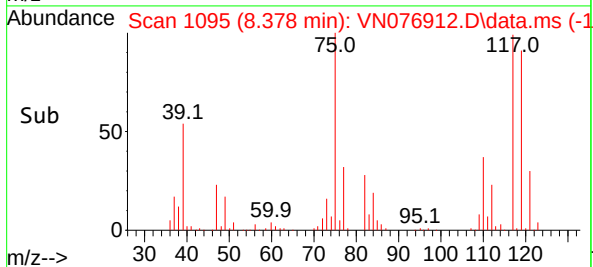
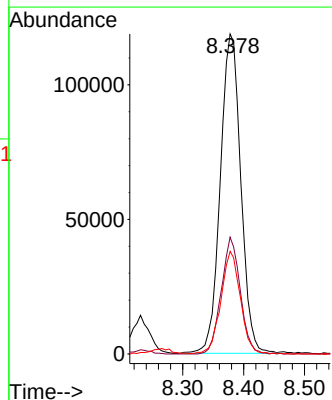
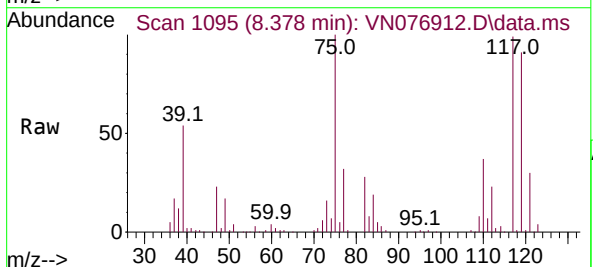
Tgt Ion: 75 Resp: 278118

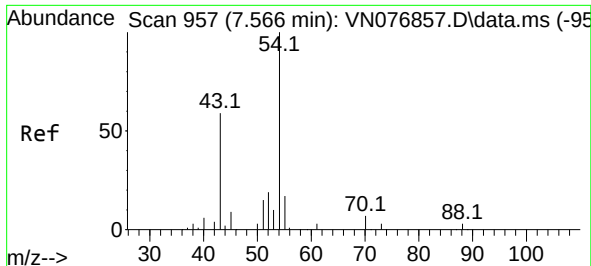
Ion Ratio Lower Upper

75 100

110 33.8 18.9 56.9

77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 46.105 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

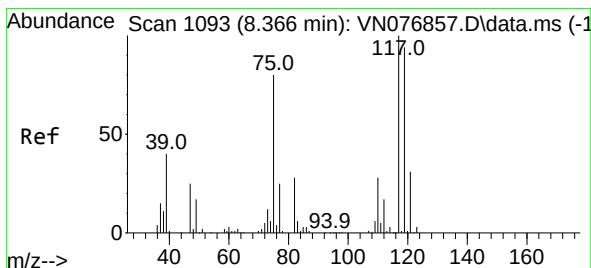
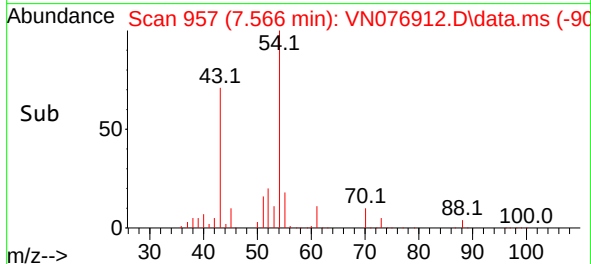
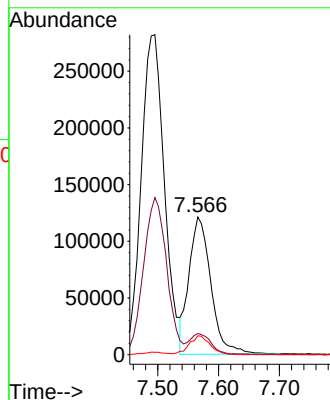
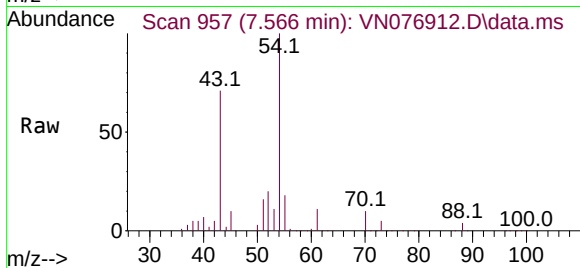
Tgt Ion: 43 Resp: 303269

Ion Ratio Lower Upper

43 100

61 15.2 13.5 20.3

70 13.0 11.0 16.6



#38

Carbon Tetrachloride

Concen: 48.754 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

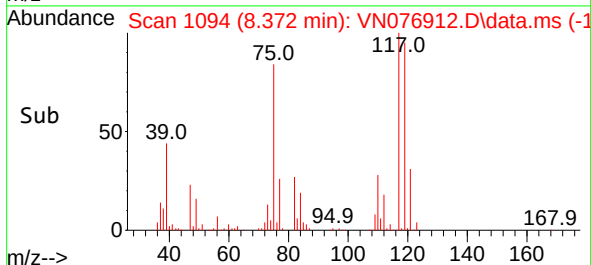
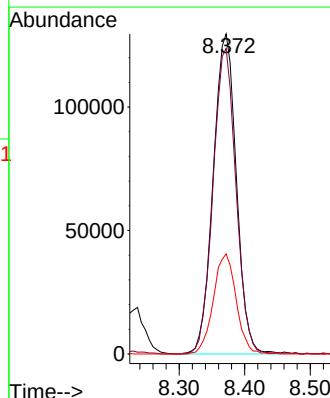
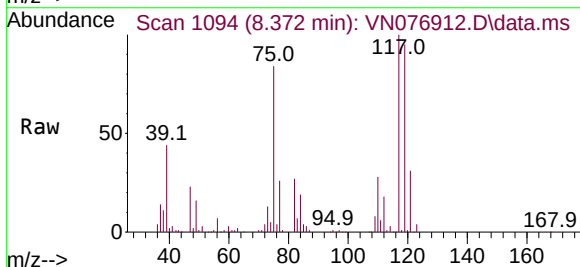
Tgt Ion: 117 Resp: 317395

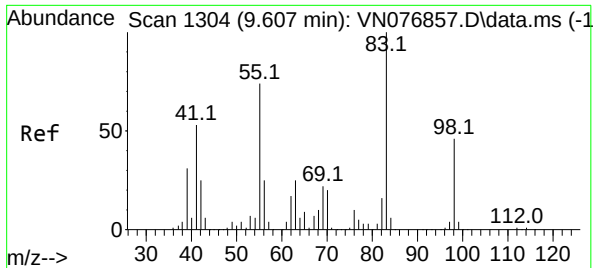
Ion Ratio Lower Upper

117 100

119 95.5 76.9 115.3

121 31.3 23.2 34.8





#39

Methylcyclohexane

Concen: 41.303 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

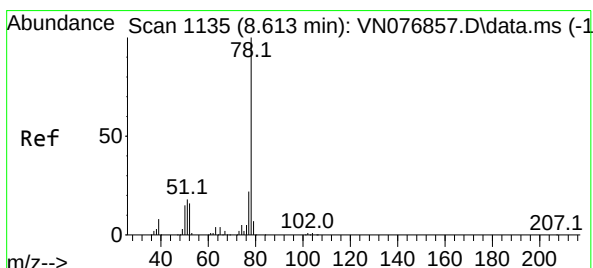
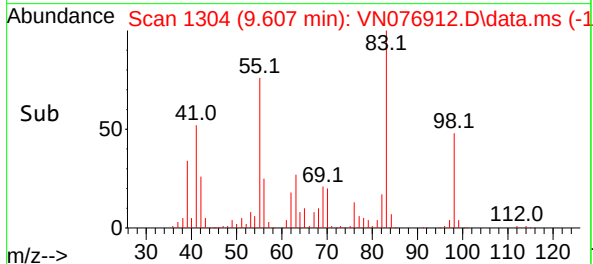
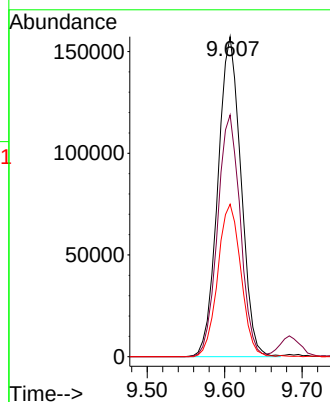
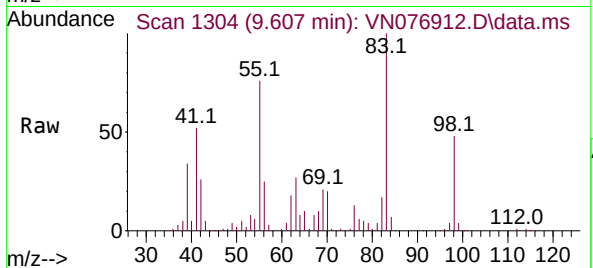
Tgt Ion: 83 Resp: 326247

Ion Ratio Lower Upper

83 100

55 75.5 47.0 70.4#

98 47.7 39.4 59.0



#40

Benzene

Concen: 46.968 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076912.D

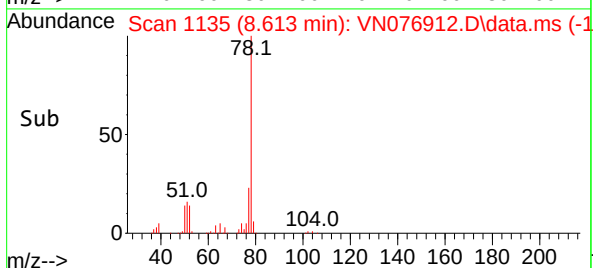
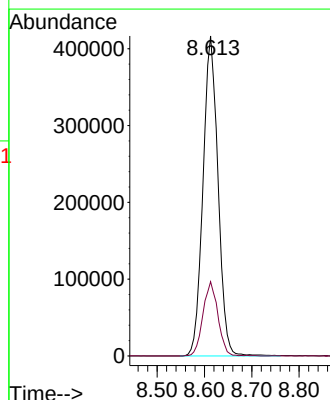
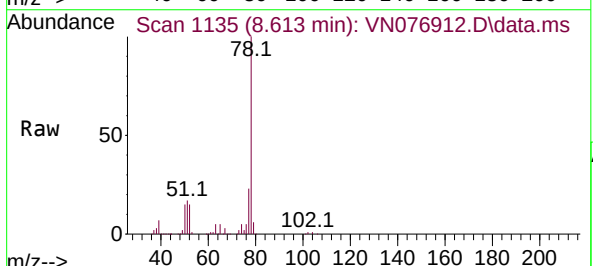
Acq: 09 Mar 2023 19:16

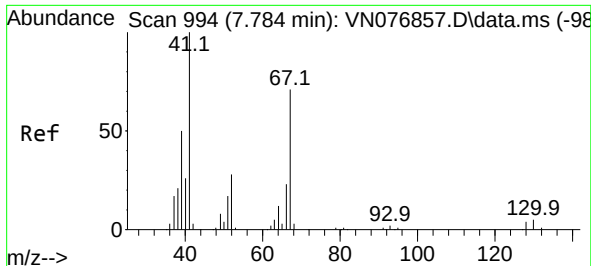
Tgt Ion: 78 Resp: 916872

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9



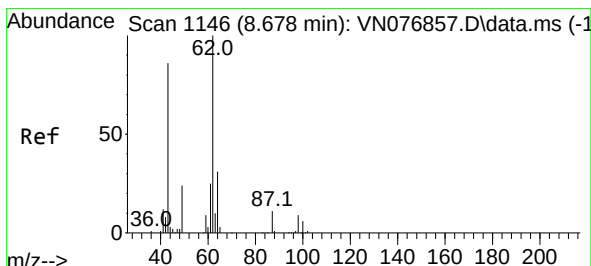
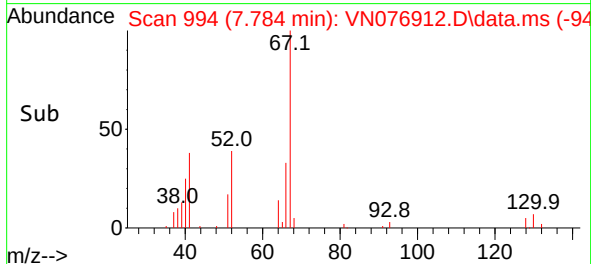
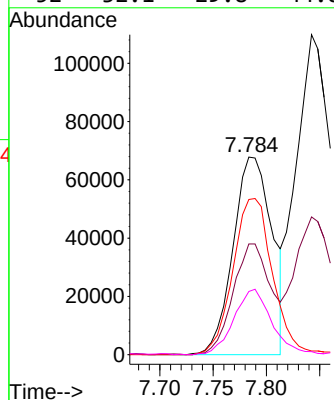
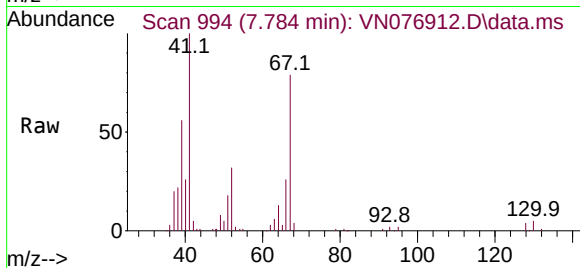


#41
Methacrylonitrile
Concen: 48.170 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 173027

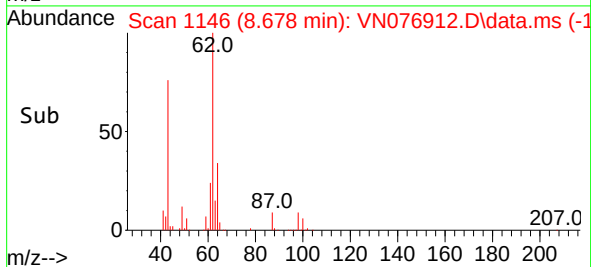
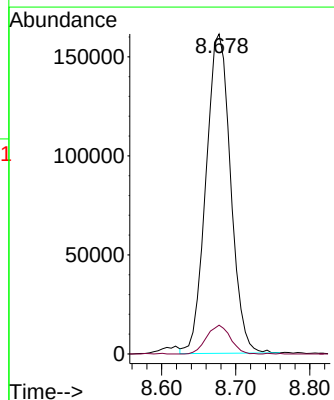
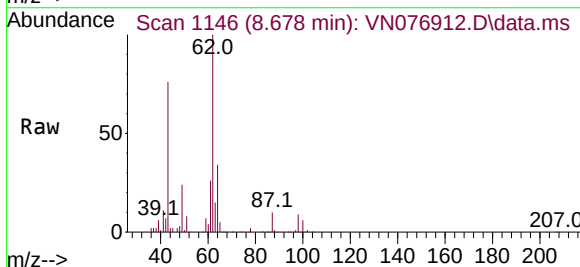
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	80.9	78.6	118.0
52	32.1	29.8	44.8

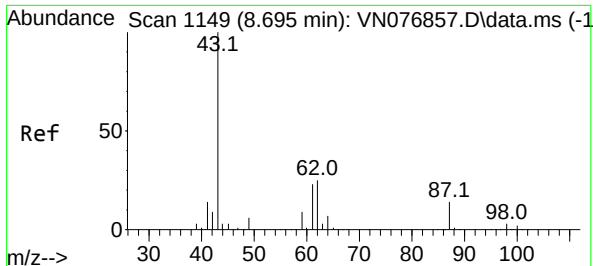


#42
1,2-Dichloroethane
Concen: 54.733 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 62 Resp: 372193

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.8





#43

Isopropyl Acetate

Concen: 54.466 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

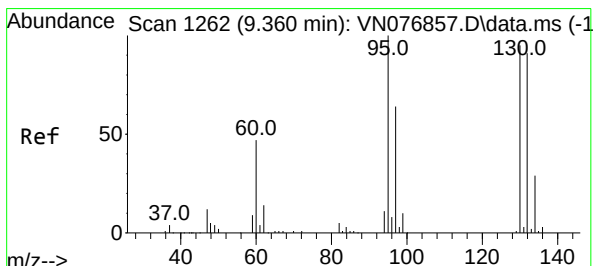
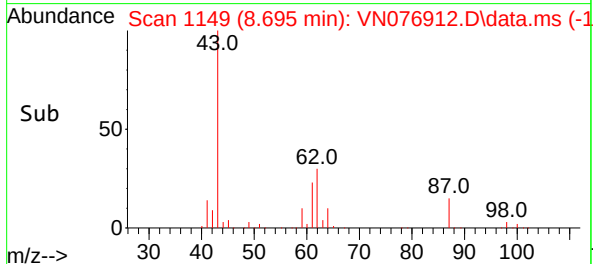
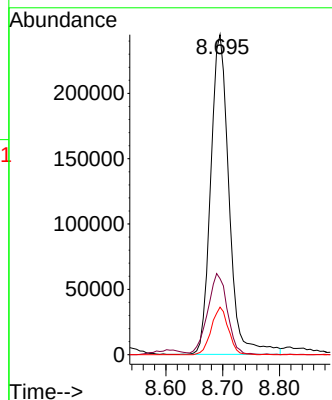
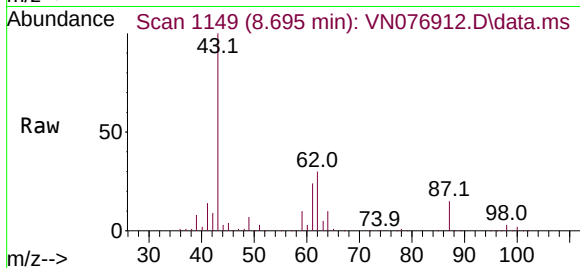
Tgt Ion: 43 Resp: 548474

Ion Ratio Lower Upper

43 100

61 27.0 26.2 39.2

87 13.8 14.8 22.2#



#44

Trichloroethene

Concen: 45.263 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VN076912.D

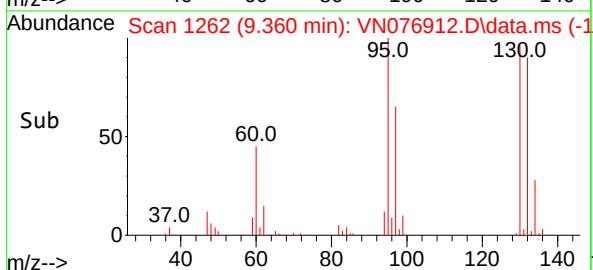
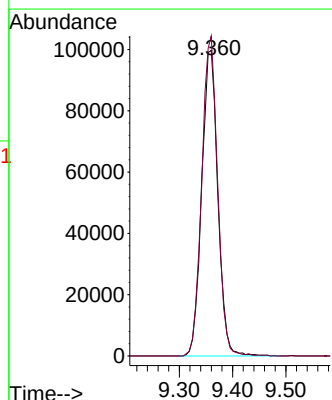
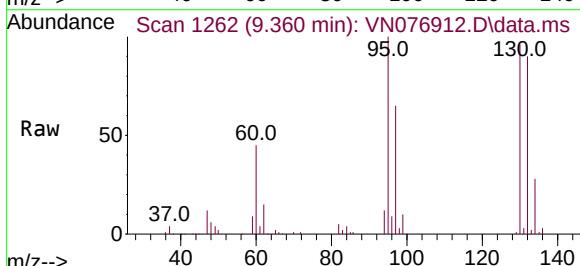
Acq: 09 Mar 2023 19:16

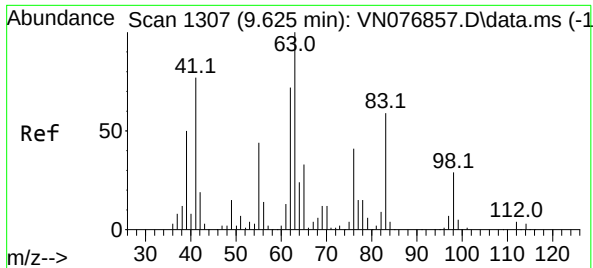
Tgt Ion:130 Resp: 209502

Ion Ratio Lower Upper

130 100

95 104.7 0.0 208.6

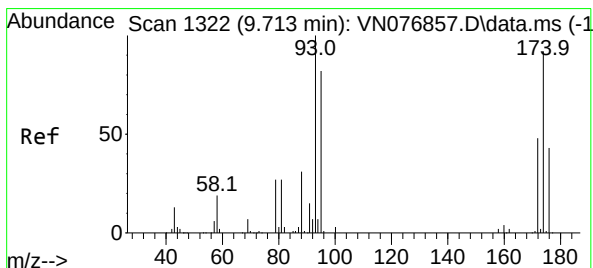
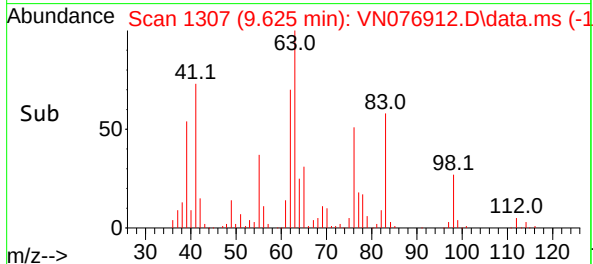
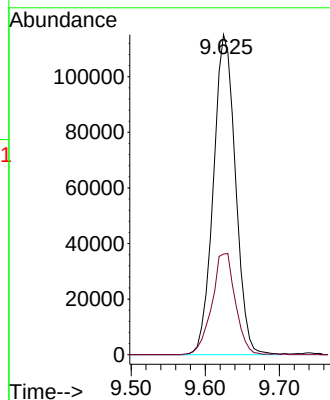
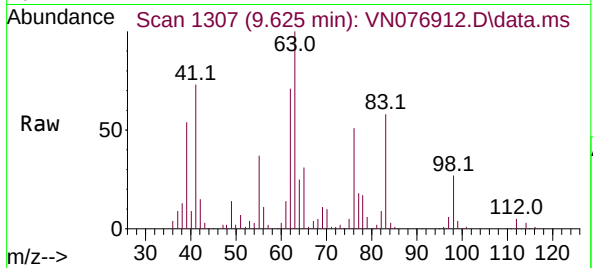




#45
1,2-Dichloropropane
Concen: 47.332 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

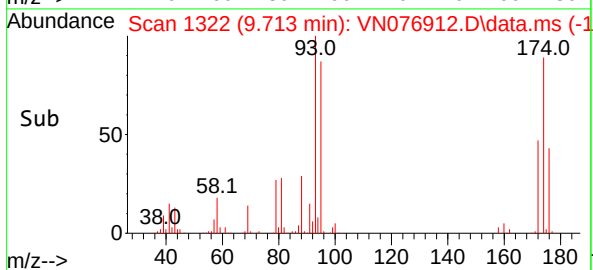
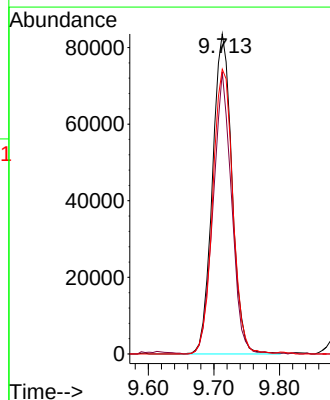
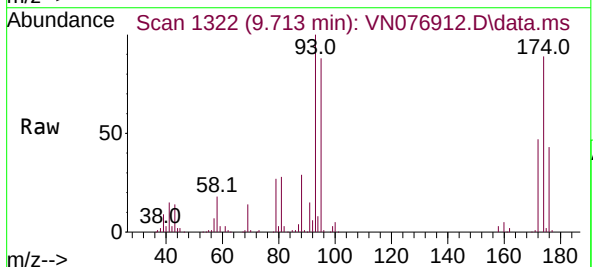
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

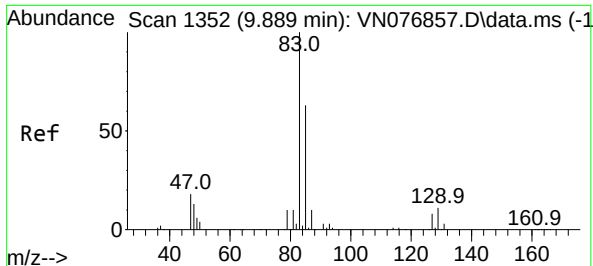
Tgt Ion: 63 Resp: 238770
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.6



#46
Dibromomethane
Concen: 53.871 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 93 Resp: 172605
Ion Ratio Lower Upper
93 100
95 83.0 65.7 98.5
174 91.4 69.3 103.9

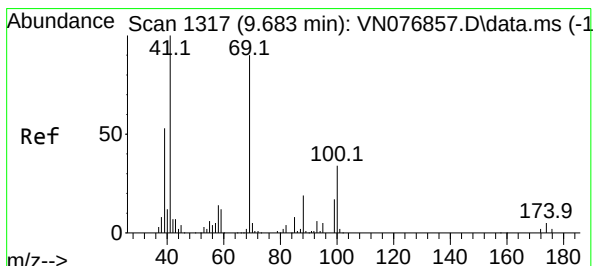
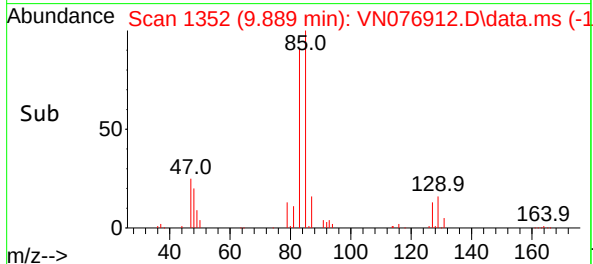
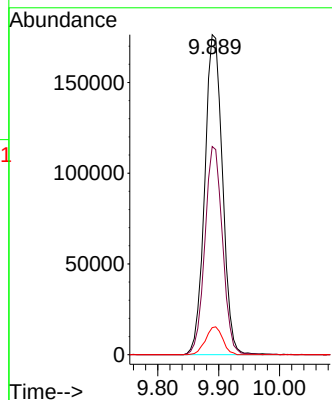
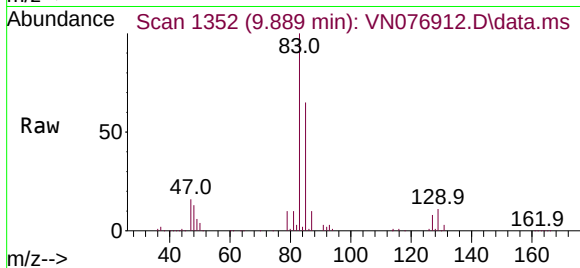




#47
Bromodichloromethane
Concen: 54.287 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

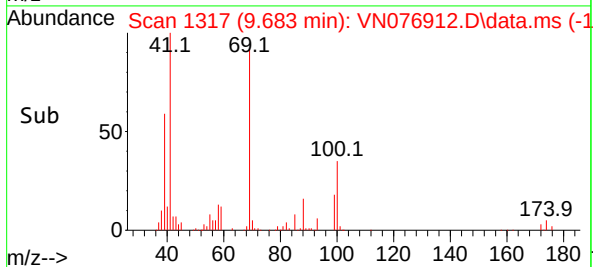
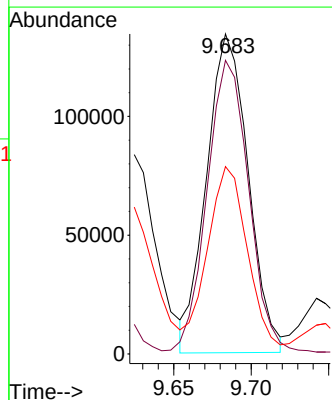
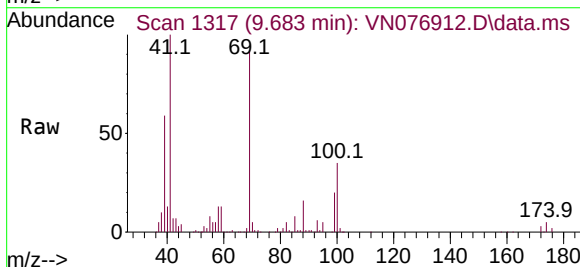
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

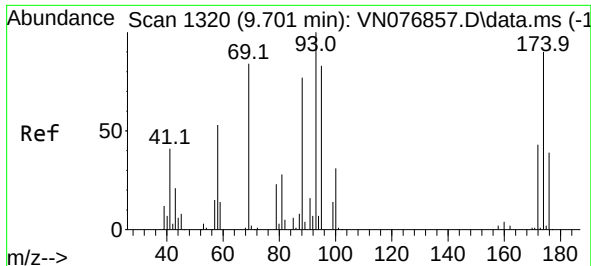
Tgt Ion: 83 Resp: 357578
Ion Ratio Lower Upper
83 100
85 65.1 52.6 78.8
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 51.310 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 41 Resp: 251071
Ion Ratio Lower Upper
41 100
69 93.8 92.6 139.0
39 57.4 51.4 77.0





#49

1,4-Dioxane

Concen: 973.815 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

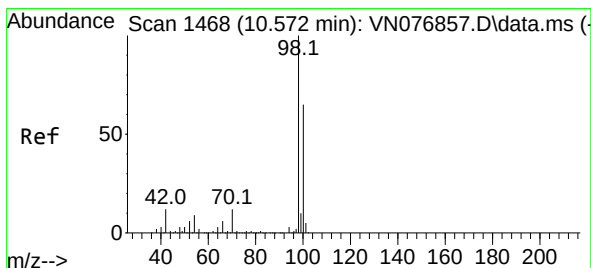
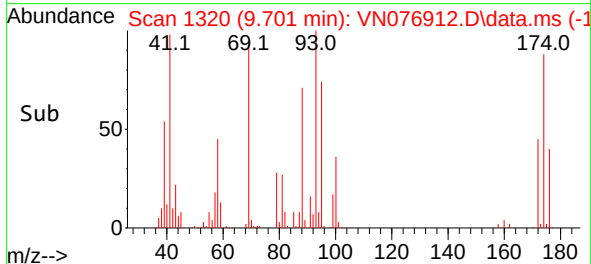
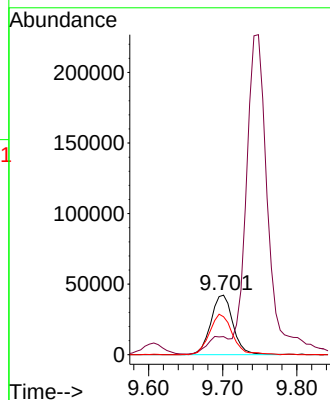
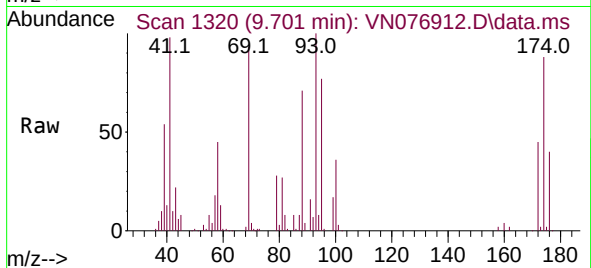
Tgt Ion: 88 Resp: 87338

Ion Ratio Lower Upper

88 100

43 27.6 15.3 22.9#

58 70.7 47.6 71.4



#50

Toluene-d8

Concen: 44.044 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076912.D

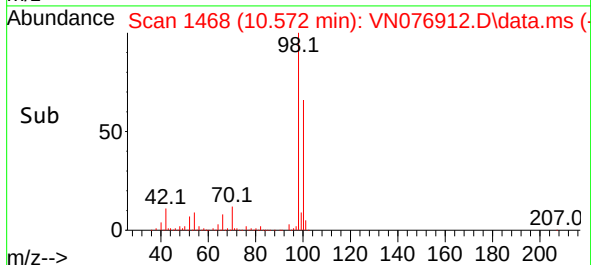
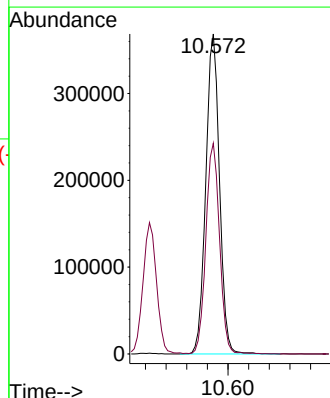
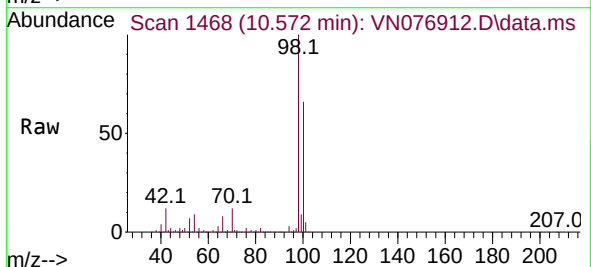
Acq: 09 Mar 2023 19:16

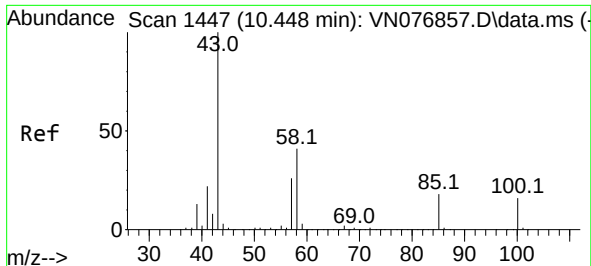
Tgt Ion: 98 Resp: 676580

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

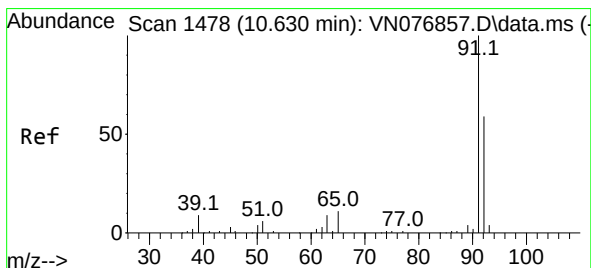
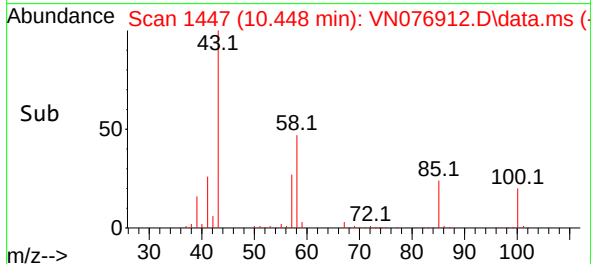
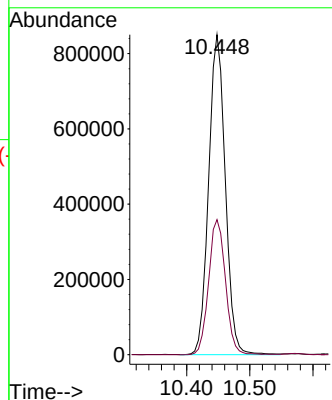
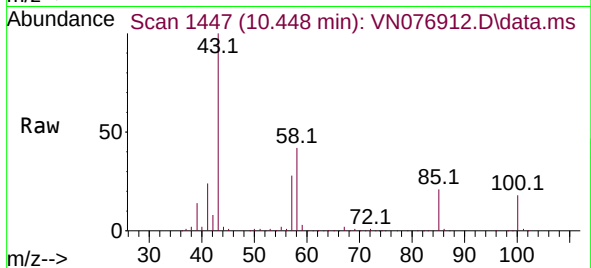




#51
4-Methyl-2-Pentanone
Concen: 244.973 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

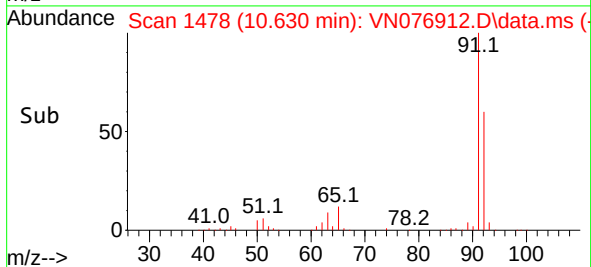
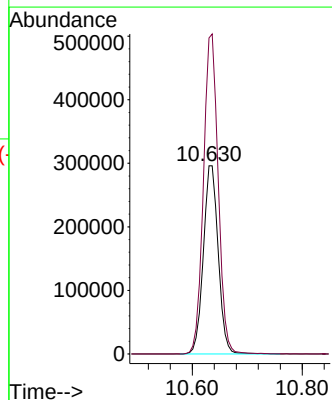
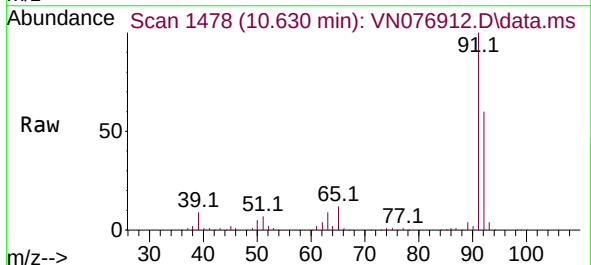
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

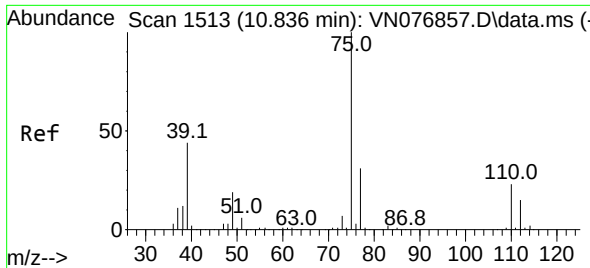
Tgt Ion: 43 Resp: 1556009
Ion Ratio Lower Upper
43 100
58 42.7 37.4 56.0



#52
Toluene
Concen: 47.726 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 92 Resp: 554742
Ion Ratio Lower Upper
92 100
91 169.2 138.2 207.2

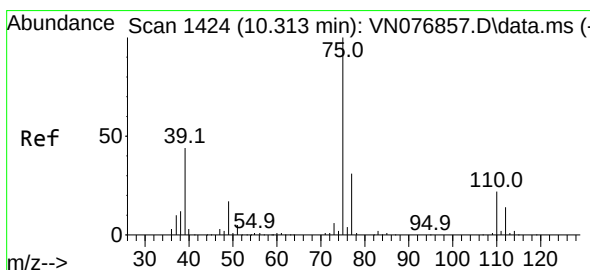
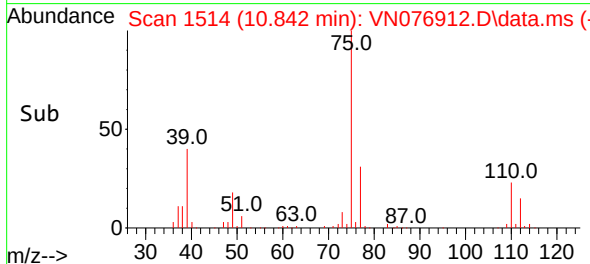
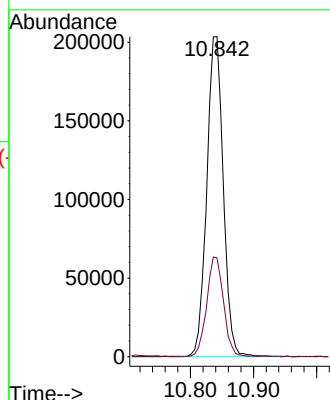
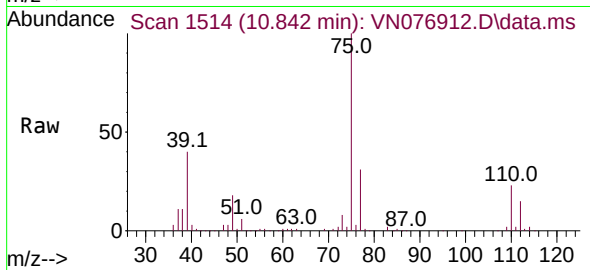




#53
 t-1,3-Dichloropropene
 Concen: 57.894 ug/l
 RT: 10.842 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

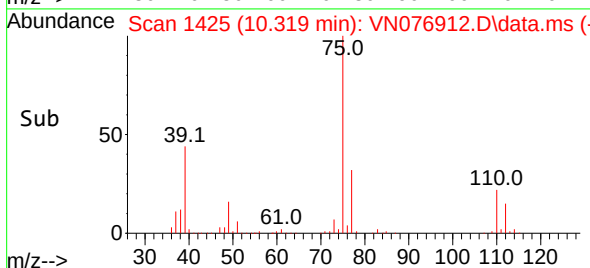
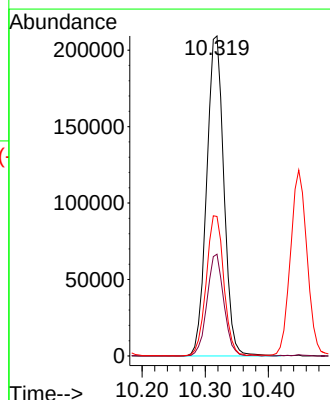
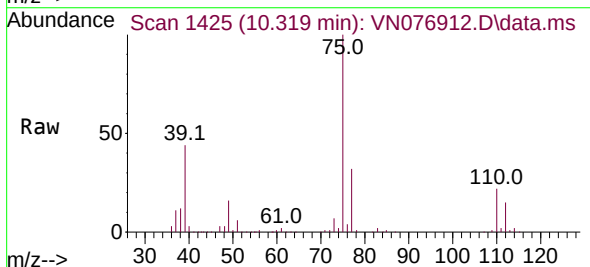
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

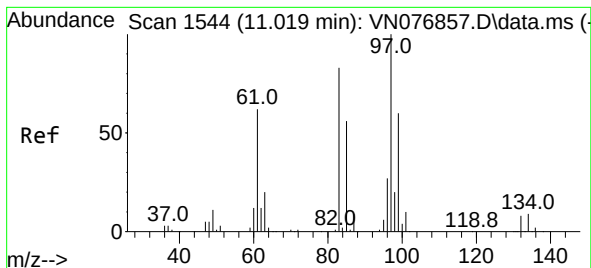
Tgt Ion: 75 Resp: 369645
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.122 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

Tgt Ion: 75 Resp: 396929
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 43.6 29.7 44.5





#55

1,1,2-Trichloroethane

Concen: 51.569 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 238447

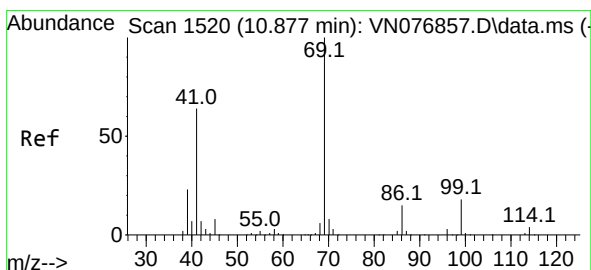
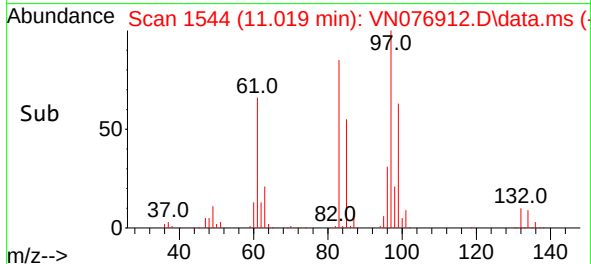
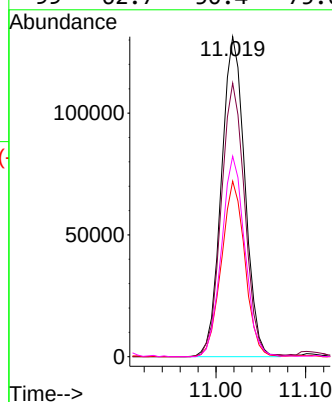
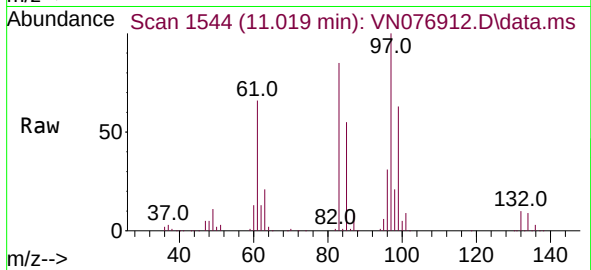
Ion Ratio Lower Upper

97 100

83 85.5 67.1 100.7

85 54.9 41.8 62.8

99 62.7 50.4 75.6



#56

Ethyl methacrylate

Concen: 56.626 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

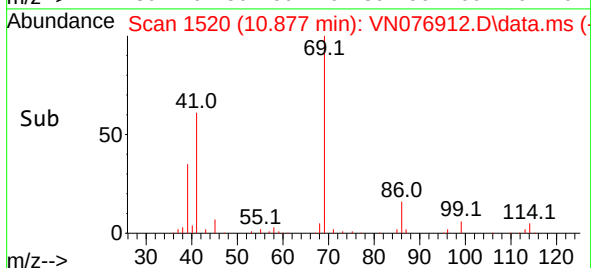
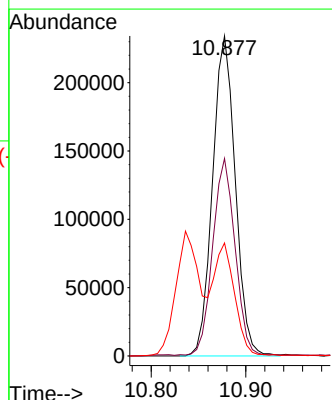
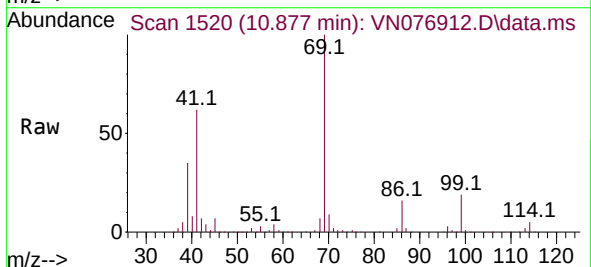
Tgt Ion: 69 Resp: 390117

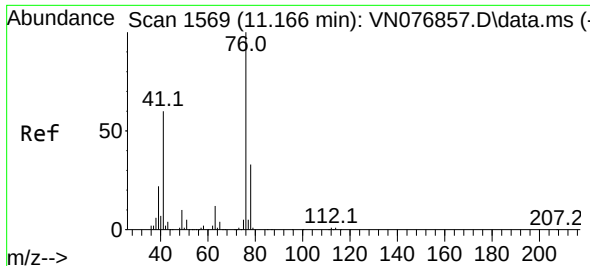
Ion Ratio Lower Upper

69 100

41 60.5 38.0 57.0#

39 31.9 22.4 33.6





#57

1,3-Dichloropropane

Concen: 51.740 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

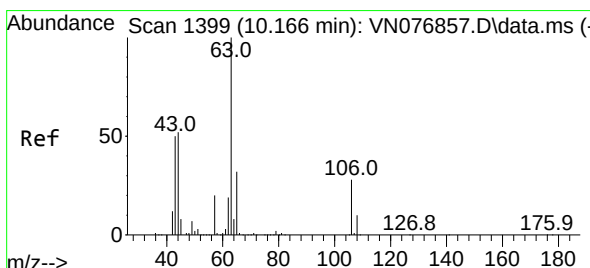
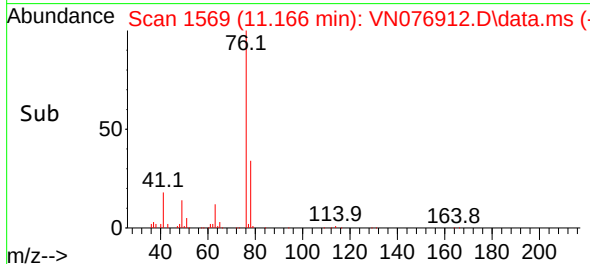
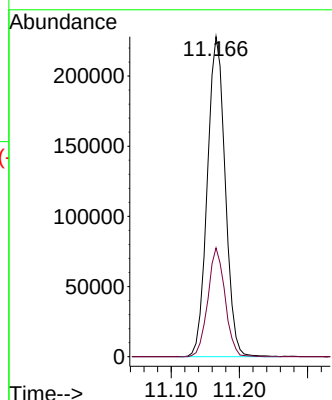
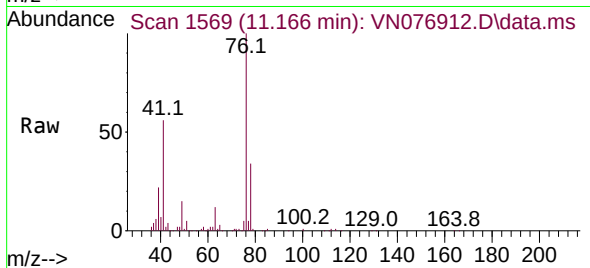
VSTDCCC050EC

Tgt Ion: 76 Resp: 415371

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 276.499 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN076912.D

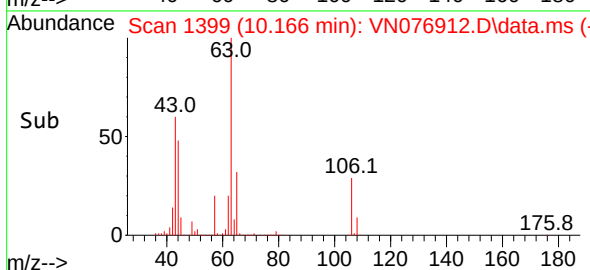
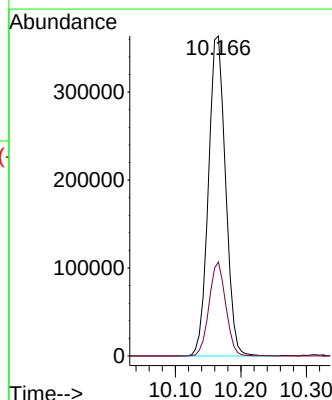
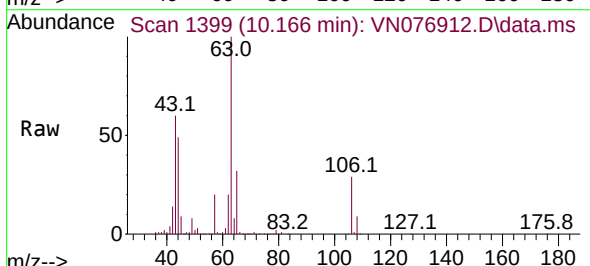
Acq: 09 Mar 2023 19:16

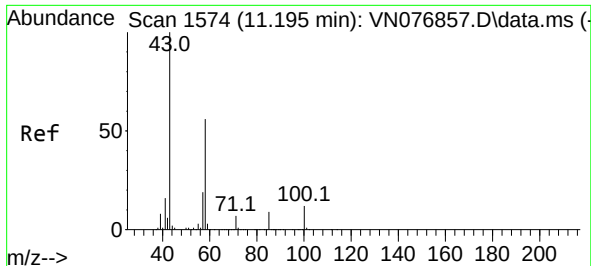
Tgt Ion: 63 Resp: 660022

Ion Ratio Lower Upper

63 100

106 28.6 25.6 38.4

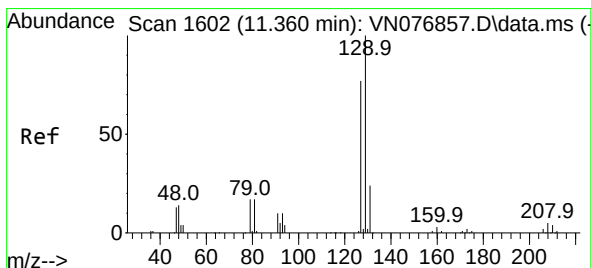
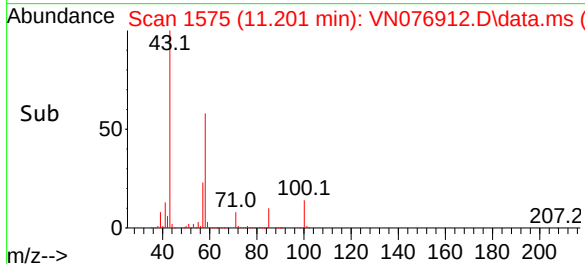
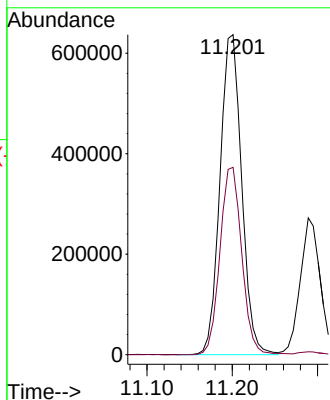
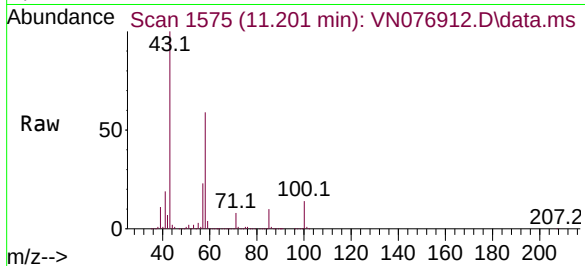




#59
2-Hexanone
Concen: 244.482 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

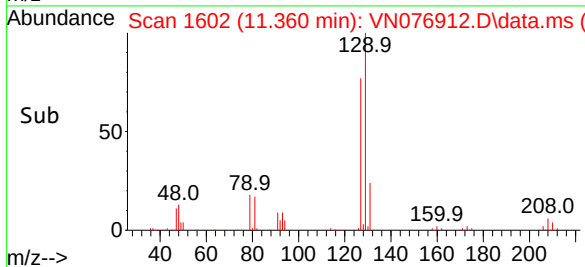
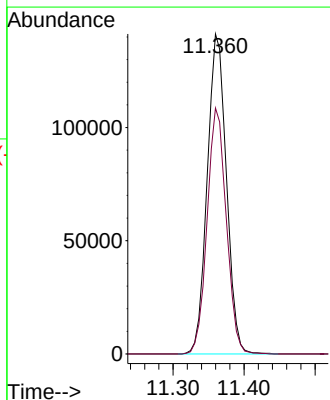
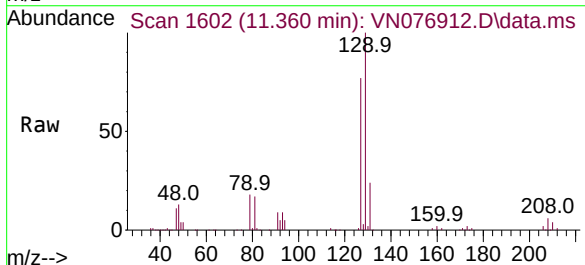
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

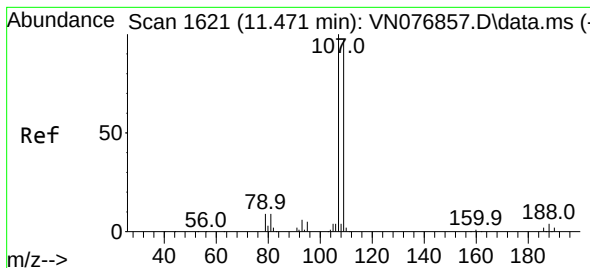
Tgt Ion: 43 Resp: 1125258
Ion Ratio Lower Upper
43 100
58 58.9 32.6 98.0



#60
Dibromochloromethane
Concen: 58.155 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion:129 Resp: 264974
Ion Ratio Lower Upper
129 100
127 76.9 39.6 118.8

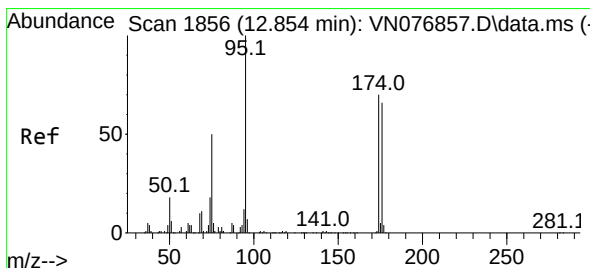
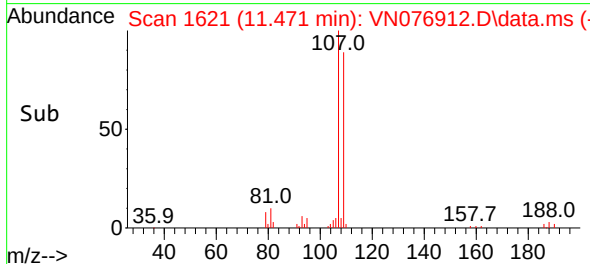
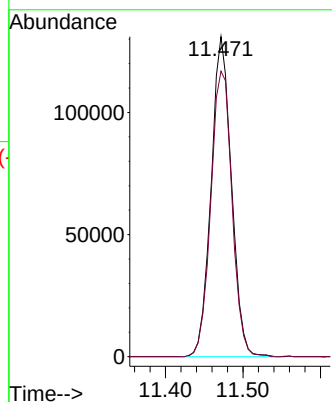
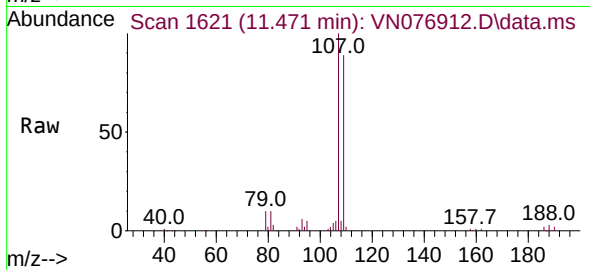




#61
1,2-Dibromoethane
Concen: 53.641 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

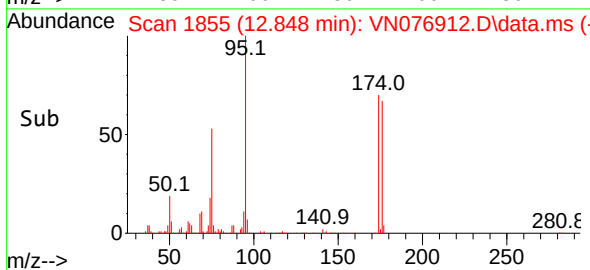
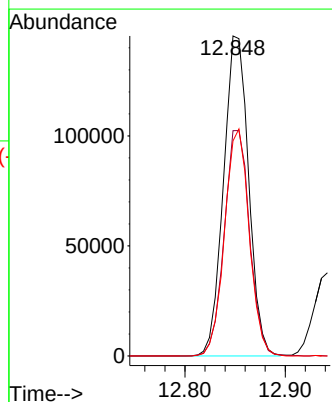
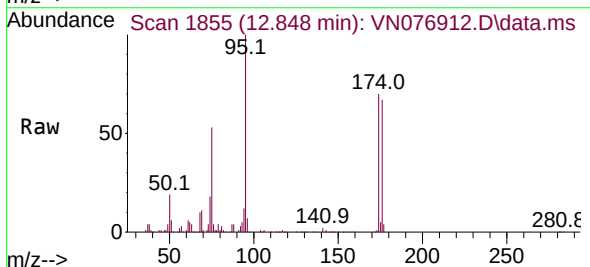
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

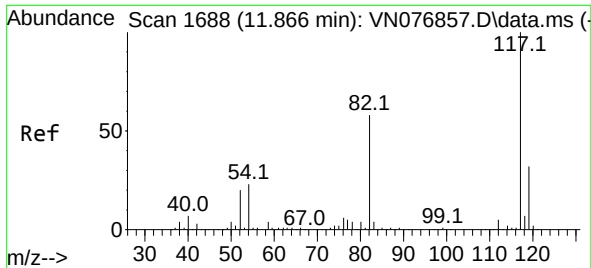
Tgt Ion:107 Resp: 238390
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 95 Resp: 253044
Ion Ratio Lower Upper
95 100
174 71.4 0.0 162.4
176 69.6 0.0 157.4

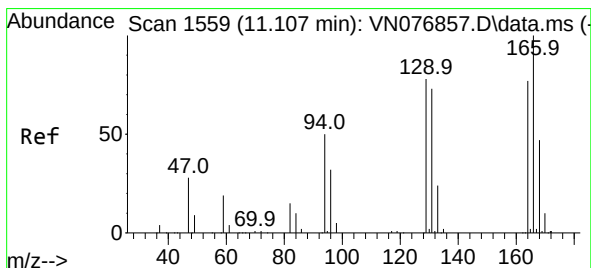
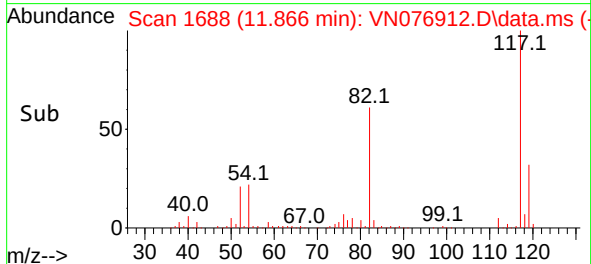
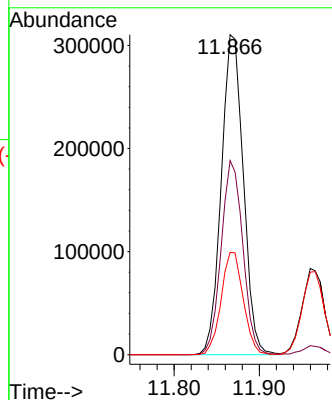
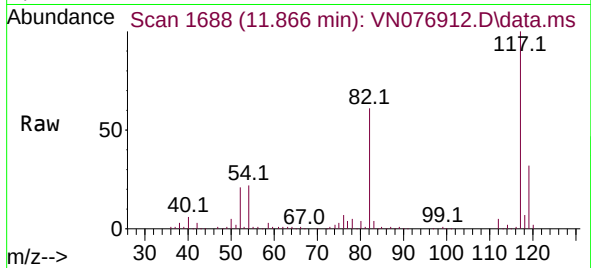




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

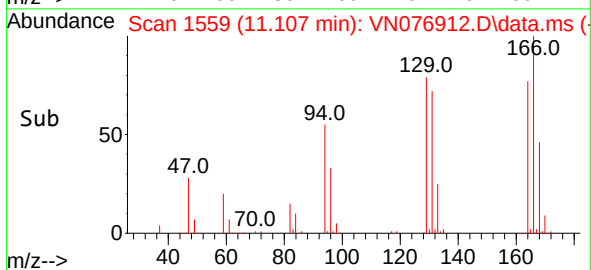
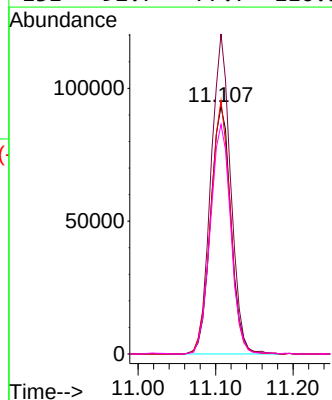
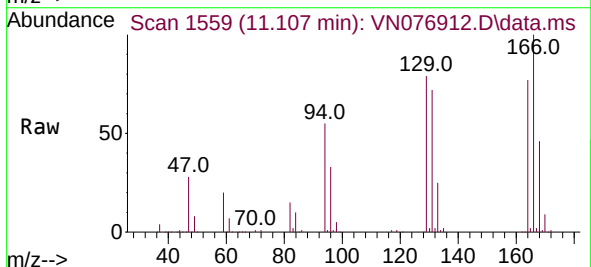
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

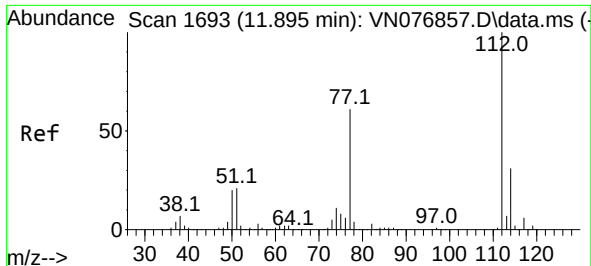
Tgt Ion:117 Resp: 557700
Ion Ratio Lower Upper
117 100
82 60.7 43.5 65.3
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 40.768 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion:164 Resp: 169198
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 102.4 81.5 122.3
131 92.7 77.7 116.5

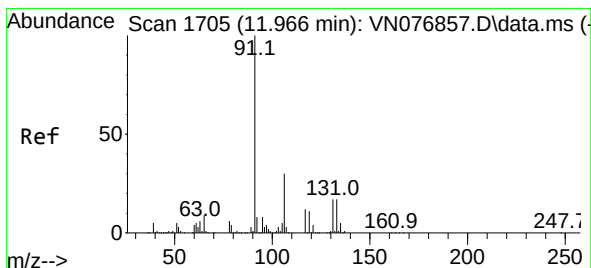
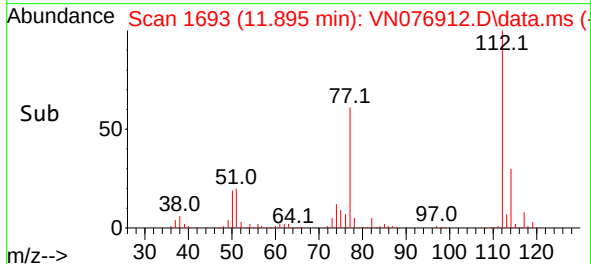
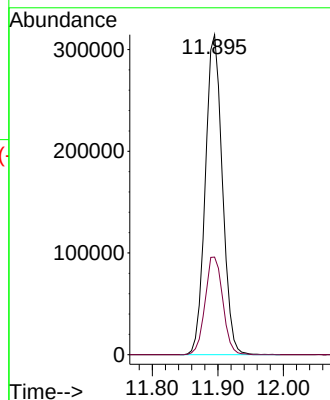
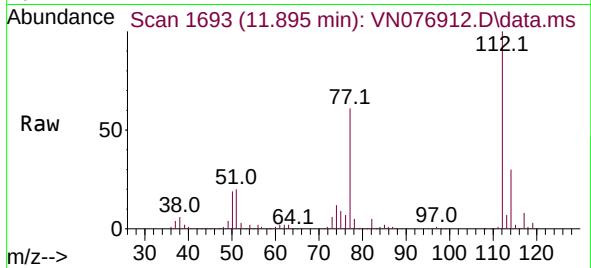




#65
Chlorobenzene
Concen: 47.197 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

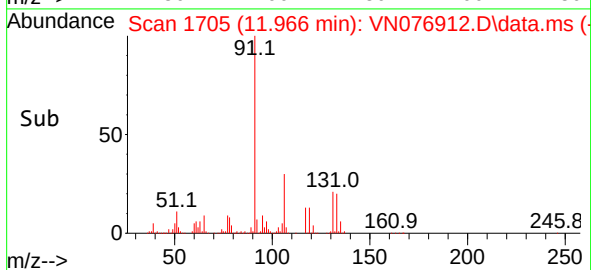
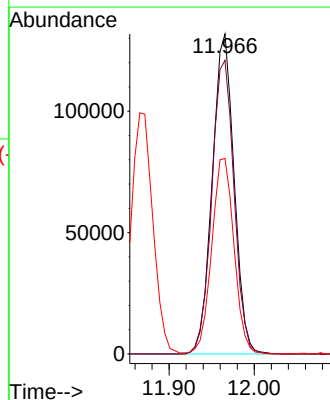
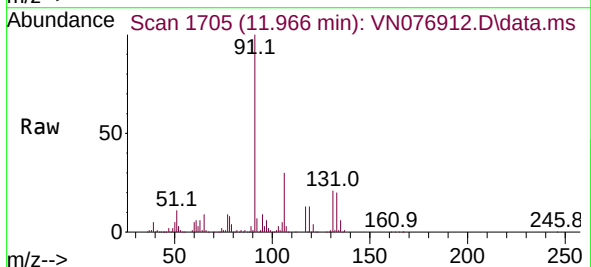
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

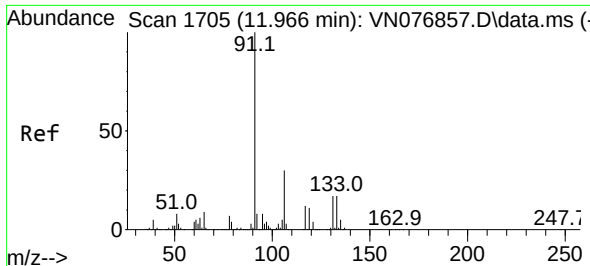
Tgt Ion:112 Resp: 568843
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.967 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion:131 Resp: 235288
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.8
119 62.4 33.1 99.2





#67

Ethyl Benzene

Concen: 47.435 ug/l

RT: 11.966 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

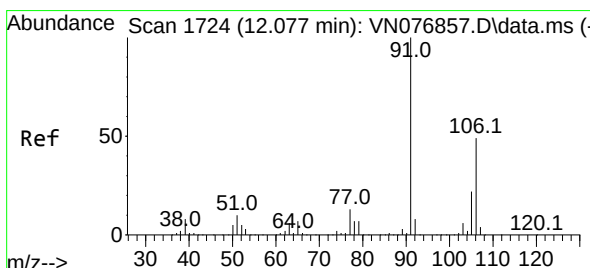
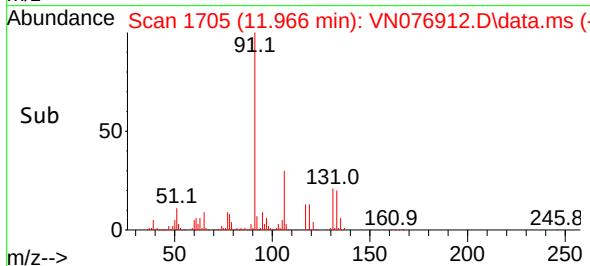
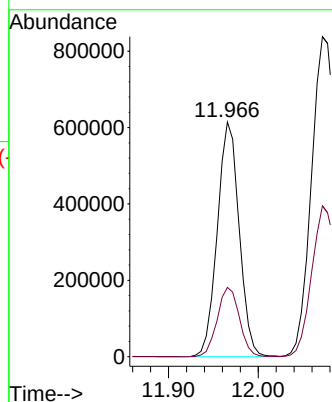
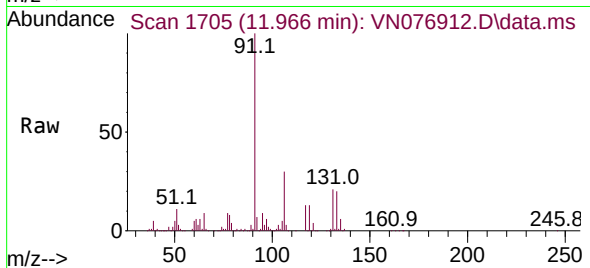
VSTDCCC050EC

Tgt Ion: 91 Resp: 1038086

Ion Ratio Lower Upper

91 100

106 29.5 25.1 37.7



#68

m/p-Xylenes

Concen: 94.370 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VN076912.D

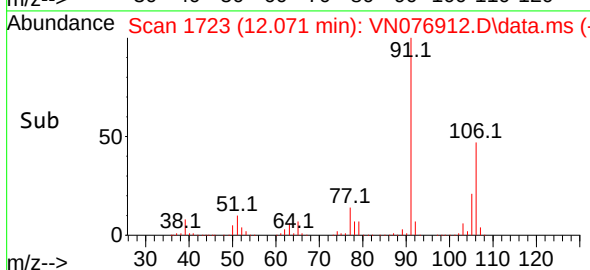
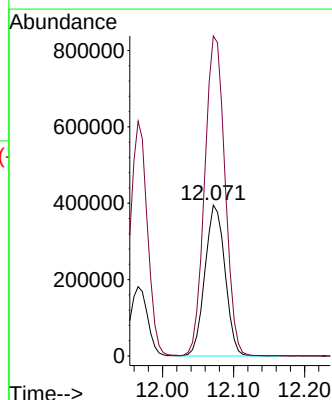
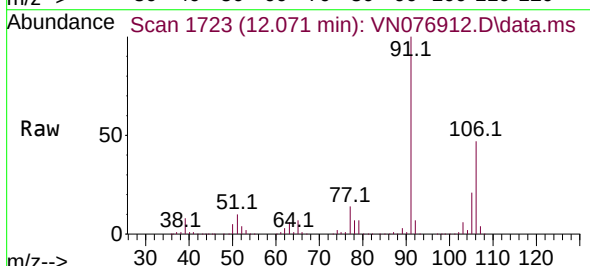
Acq: 09 Mar 2023 19:16

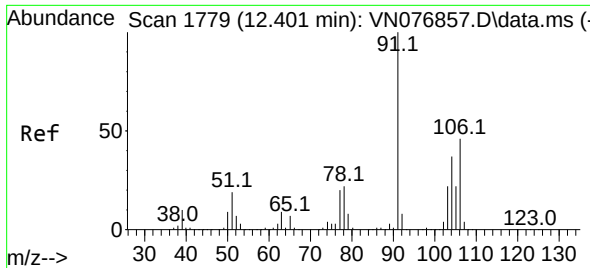
Tgt Ion:106 Resp: 777008

Ion Ratio Lower Upper

106 100

91 214.5 158.0 237.0

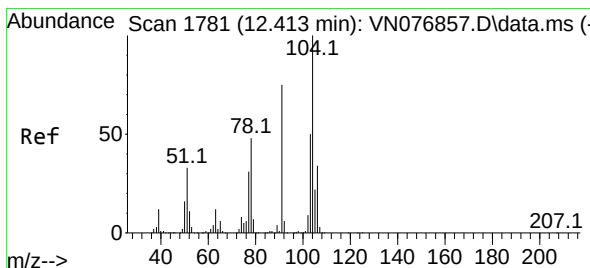
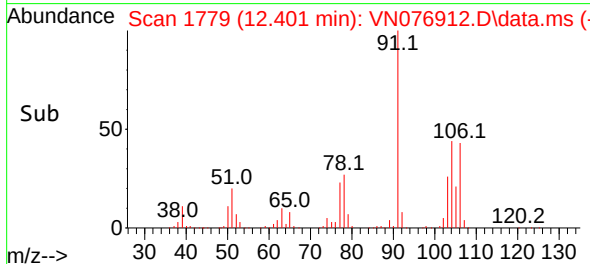
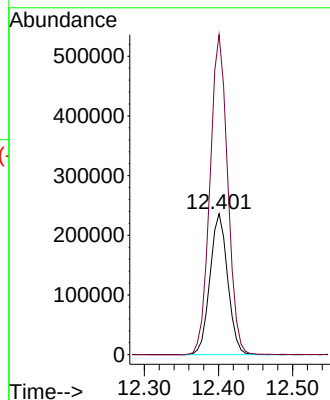
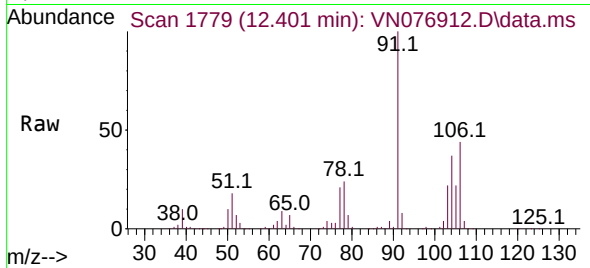




#69
o-Xylene
Concen: 48.365 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

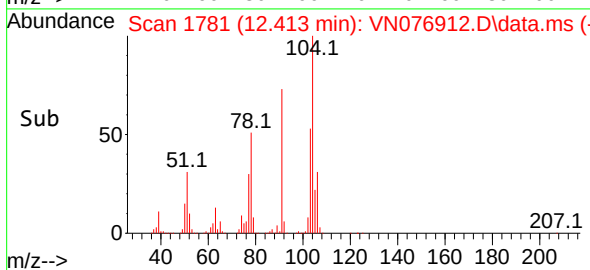
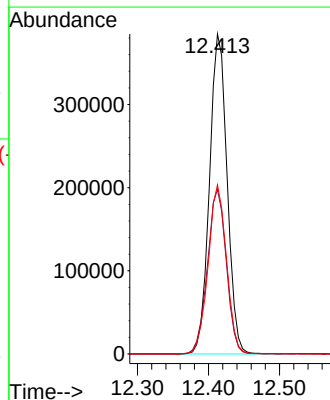
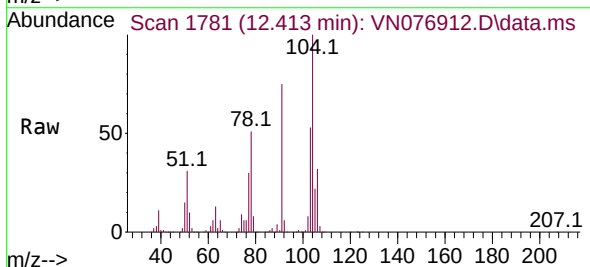
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

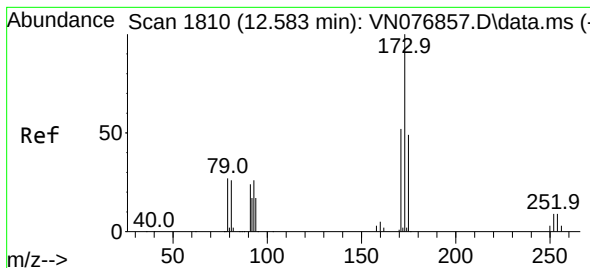
Tgt Ion:106 Resp: 392153
Ion Ratio Lower Upper
106 100
91 227.3 101.8 305.4



#70
Styrene
Concen: 52.247 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion:104 Resp: 664180
Ion Ratio Lower Upper
104 100
78 55.0 36.6 55.0#
103 55.0 43.4 65.0





#71

Bromoform

Concen: 62.756 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

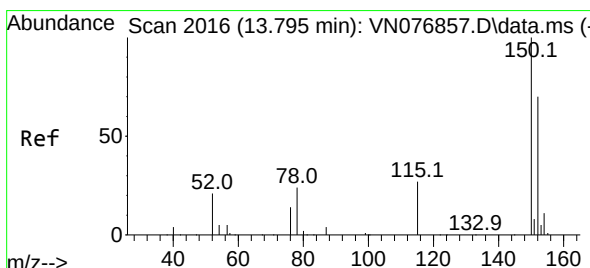
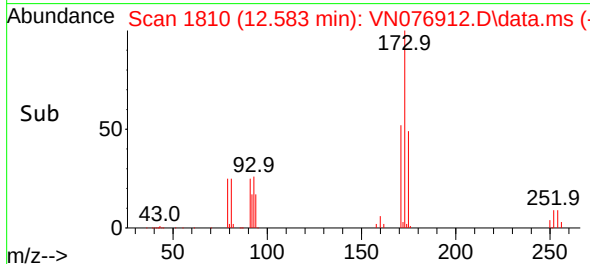
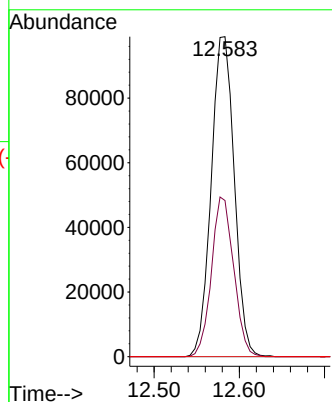
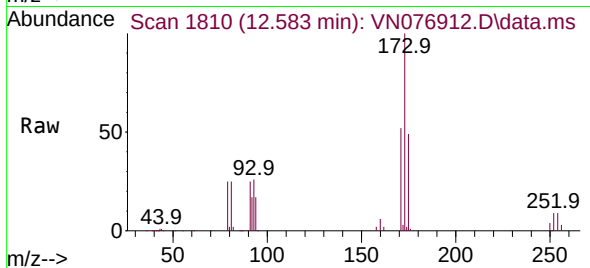
Tgt Ion:173 Resp: 186237

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

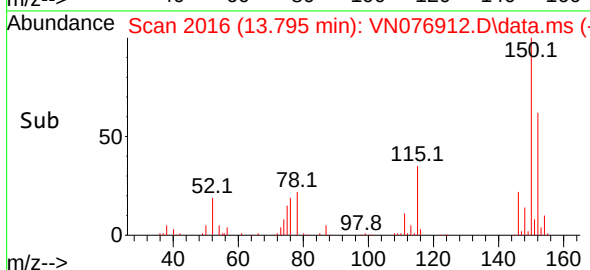
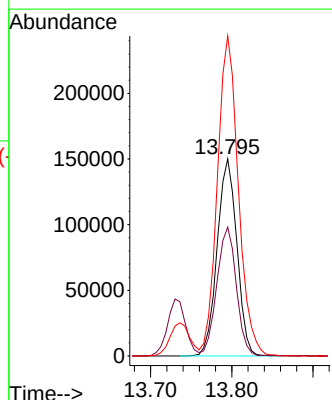
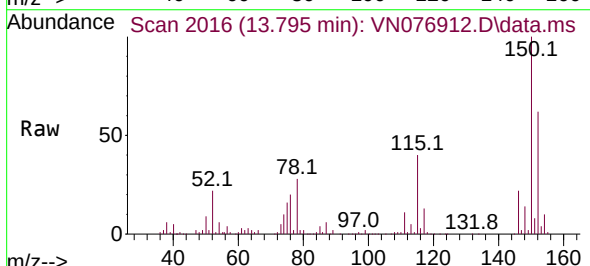
Tgt Ion:152 Resp: 253670

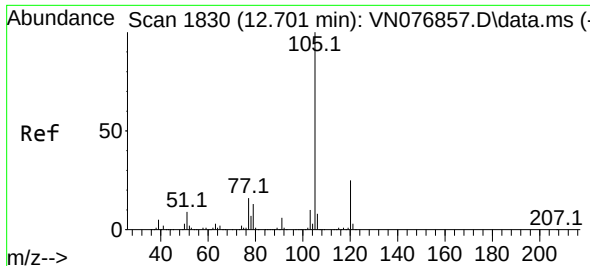
Ion Ratio Lower Upper

152 100

115 64.1 30.3 90.9

150 172.5 0.0 353.6

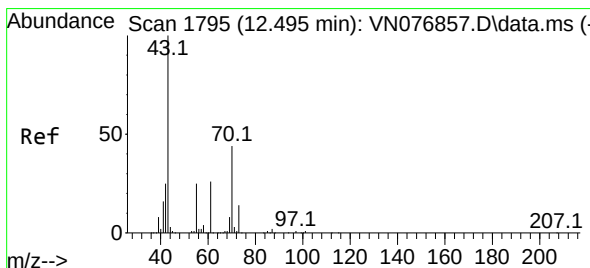
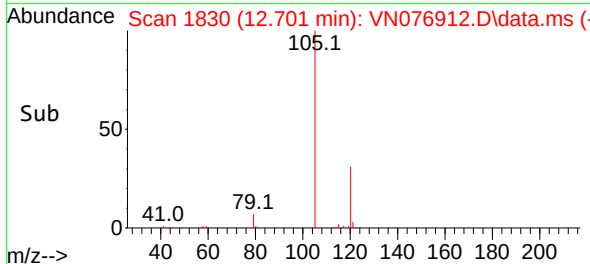
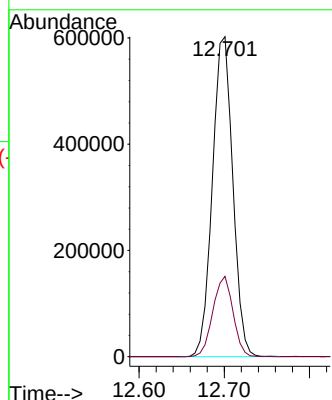
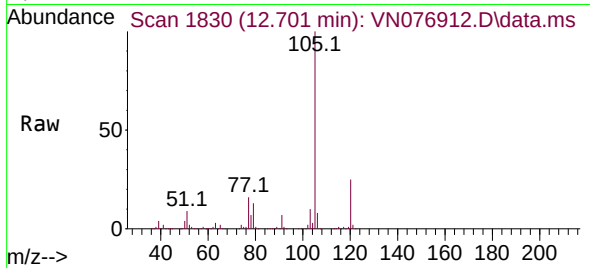




#73
Isopropylbenzene
Concen: 45.304 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

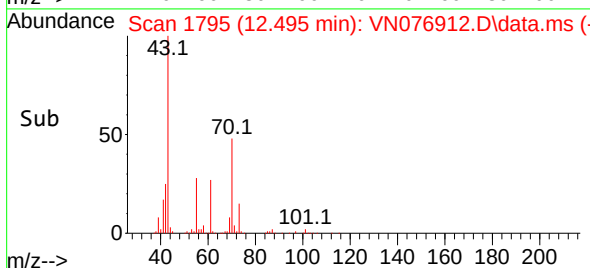
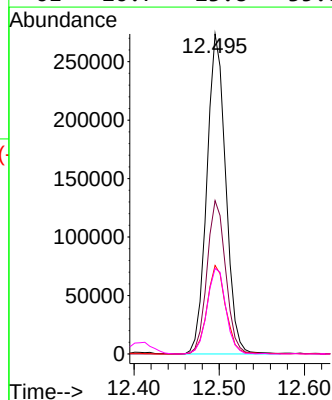
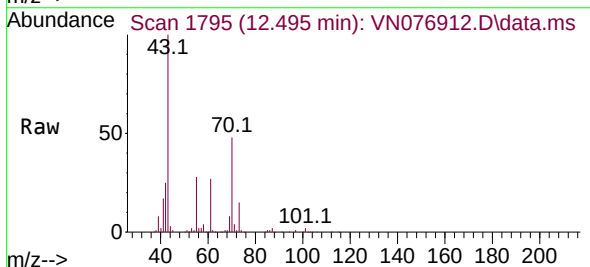
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

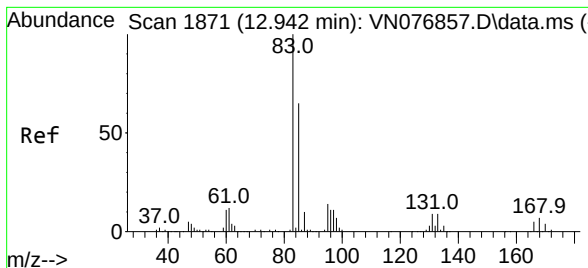
Tgt Ion:105 Resp: 1001743
Ion Ratio Lower Upper
105 100
120 24.7 13.8 41.4



#74
N-ethyl acetate
Concen: 48.684 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 43 Resp: 421006
Ion Ratio Lower Upper
43 100
70 47.7 46.8 70.2
55 27.5 23.4 35.2
61 26.7 23.8 35.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.544 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

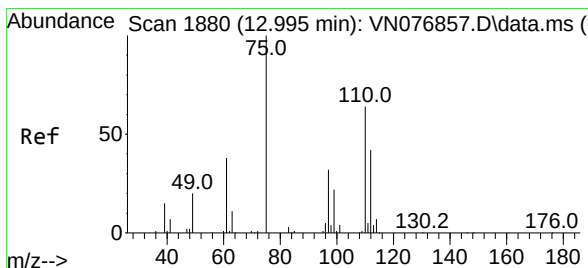
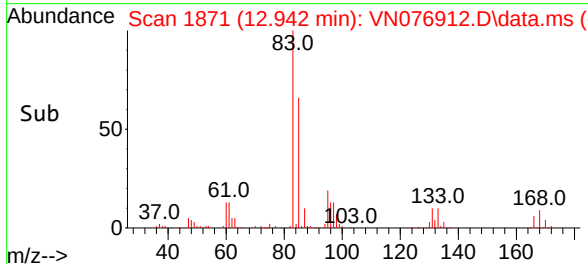
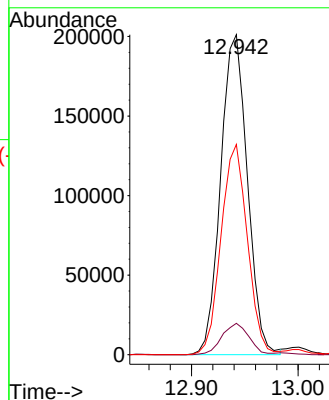
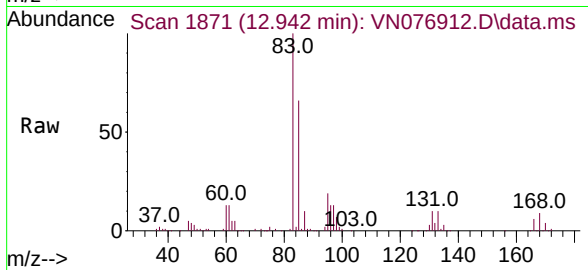
Tgt Ion: 83 Resp: 351088

Ion Ratio Lower Upper

83 100

131 9.9 5.3 16.1

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 69.098 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076912.D

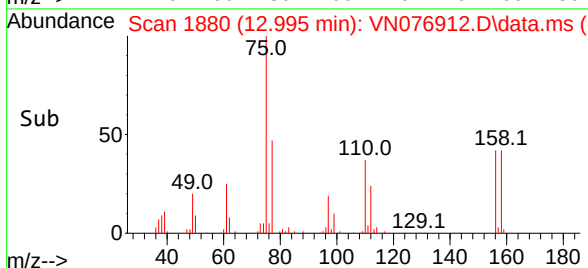
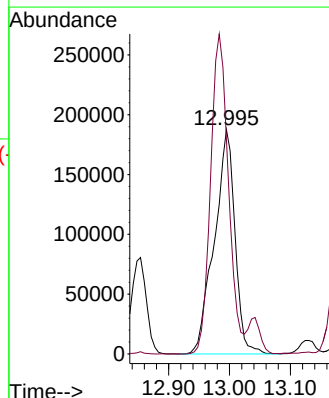
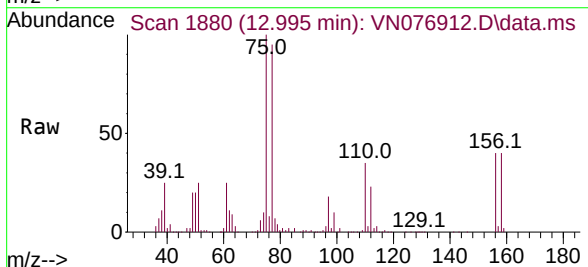
Acq: 09 Mar 2023 19:16

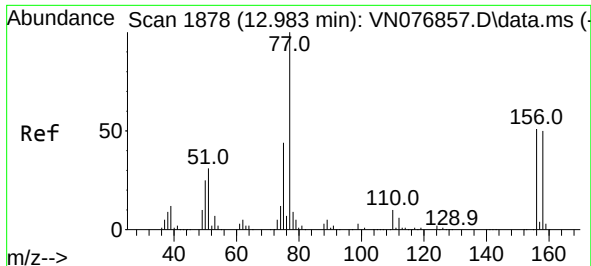
Tgt Ion: 75 Resp: 442052

Ion Ratio Lower Upper

75 100

77 123.3 93.8 281.4

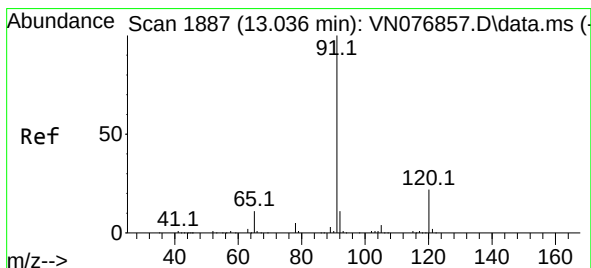
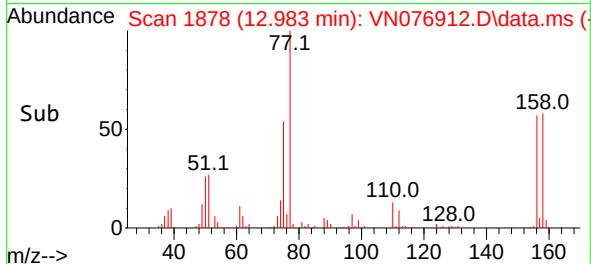
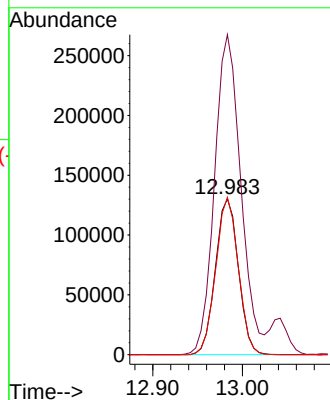
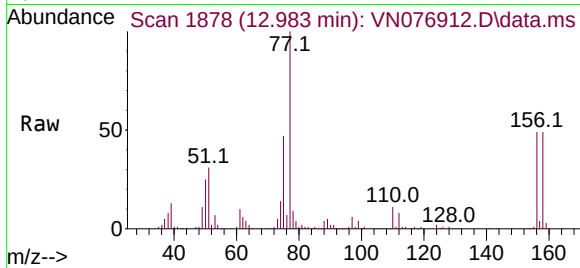




#77
Bromobenzene
Concen: 47.315 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

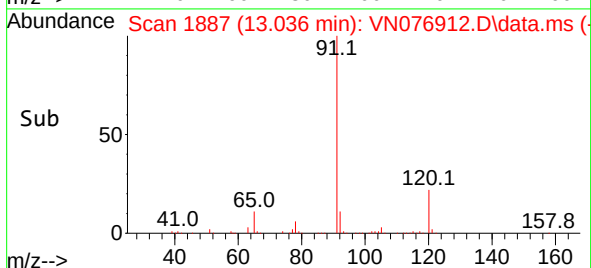
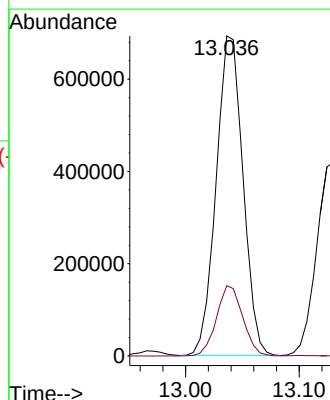
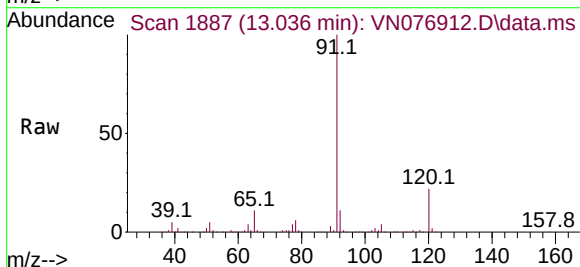
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

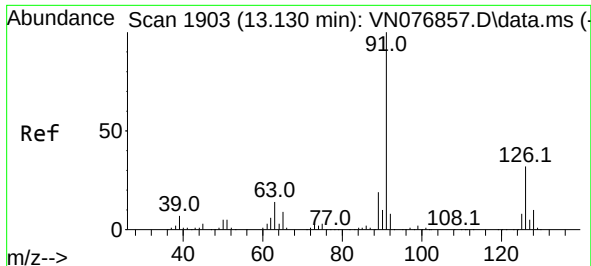
Tgt Ion:156 Resp: 231515
Ion Ratio Lower Upper
156 100
77 235.4 101.3 303.7
158 99.0 48.9 146.7



#78
n-propylbenzene
Concen: 45.172 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 91 Resp: 1139055
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 45.474 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

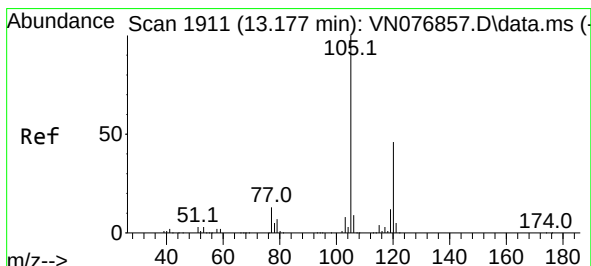
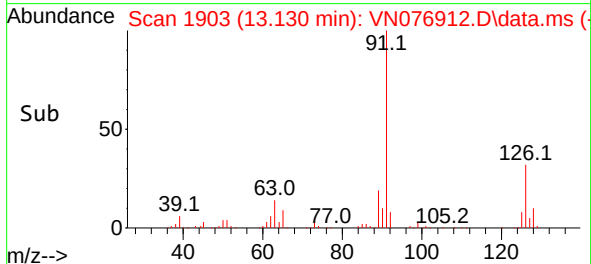
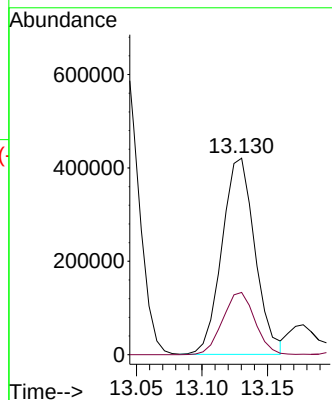
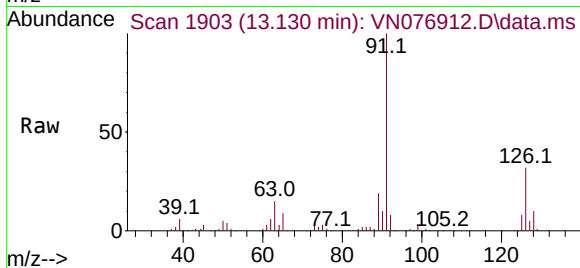
VSTDCCC050EC

Tgt Ion: 91 Resp: 735548

Ion Ratio Lower Upper

91 100

126 31.1 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 47.560 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076912.D

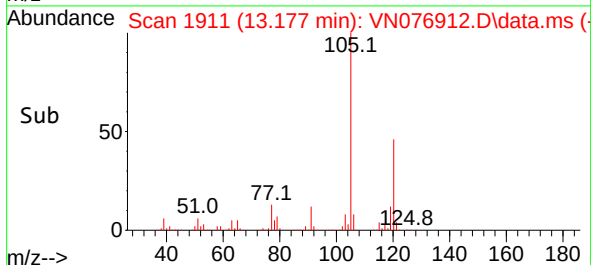
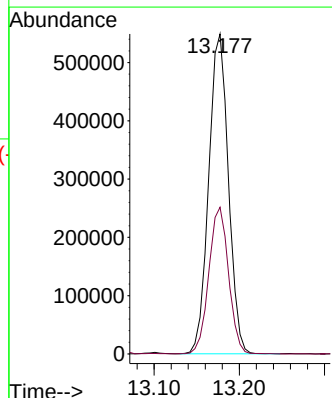
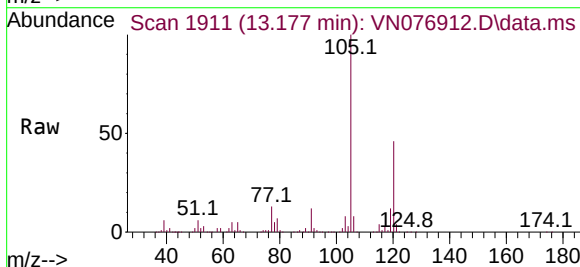
Acq: 09 Mar 2023 19:16

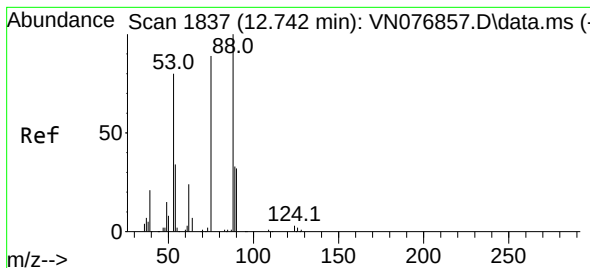
Tgt Ion:105 Resp: 881389

Ion Ratio Lower Upper

105 100

120 46.1 25.2 75.6

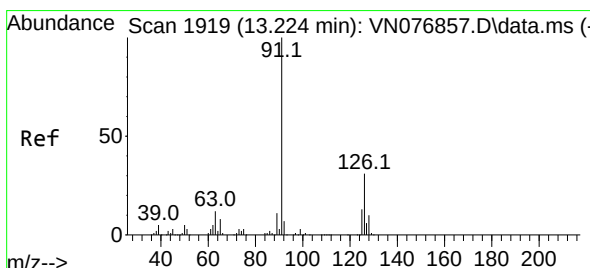
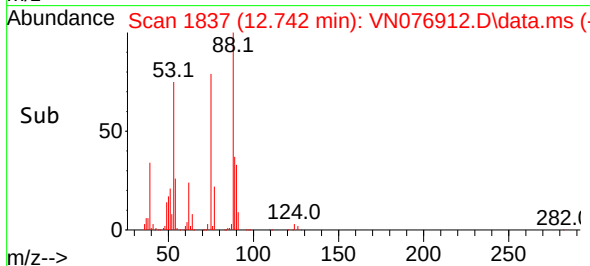
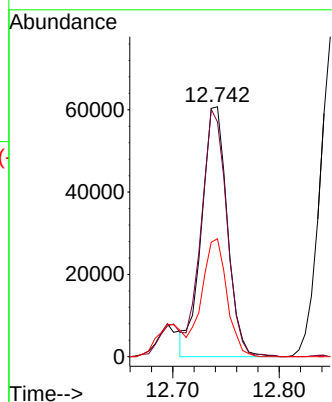
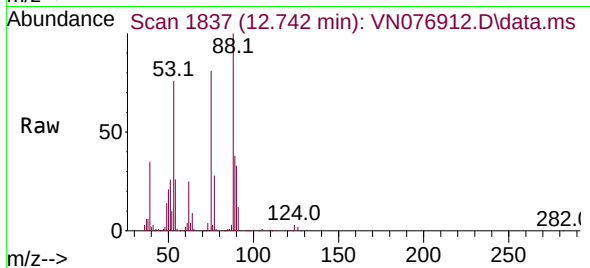




#81
trans-1,4-Dichloro-2-butene
Concen: 52.761 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

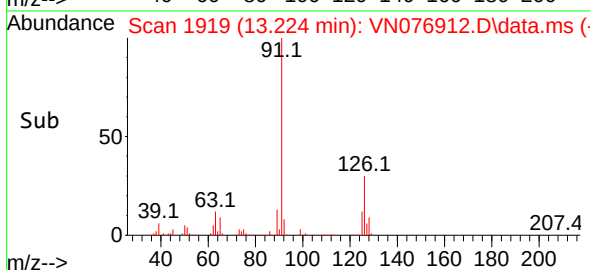
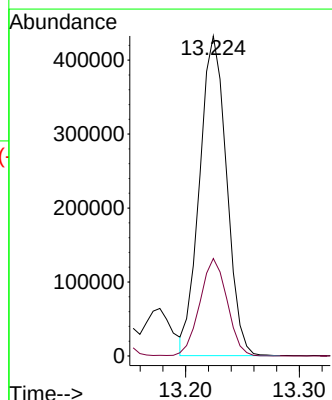
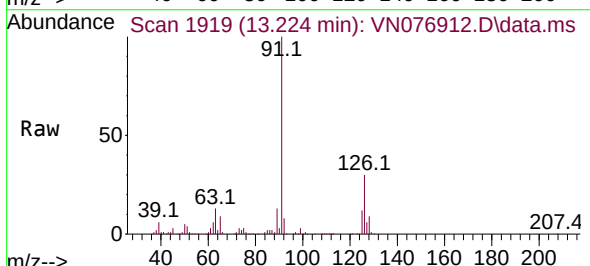
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

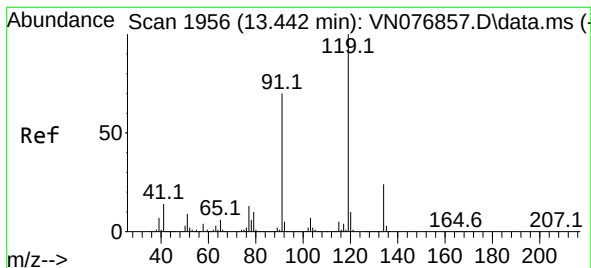
Tgt Ion: 75 Resp: 102346
Ion Ratio Lower Upper
75 100
53 97.2 67.4 101.0
89 45.9 39.5 59.3



#82
4-Chlorotoluene
Concen: 46.550 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 91 Resp: 713820
Ion Ratio Lower Upper
91 100
126 30.8 18.0 54.0

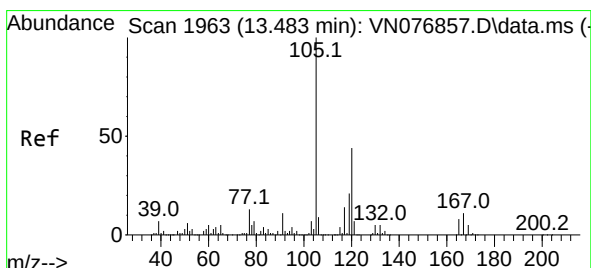
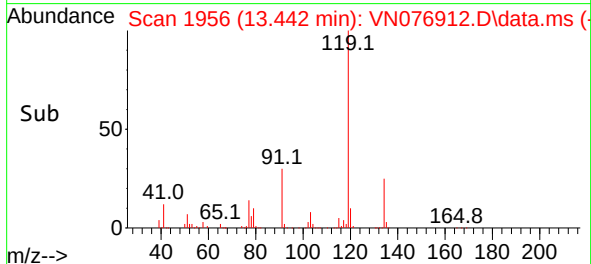
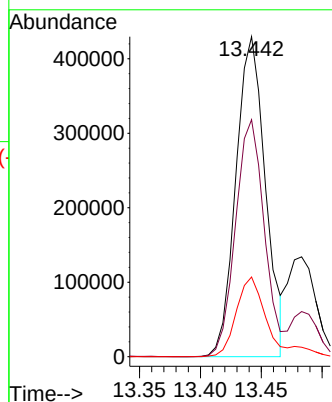
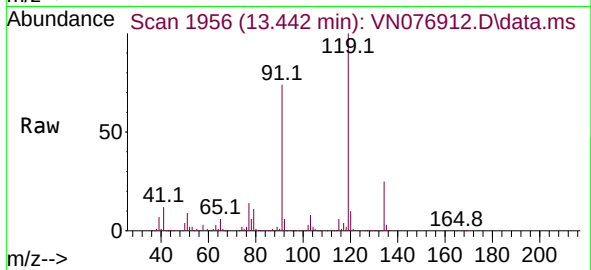




#83
 tert-Butylbenzene
 Concen: 45.822 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

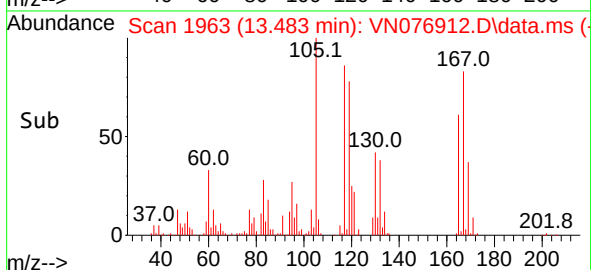
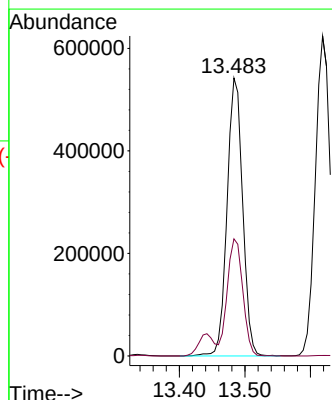
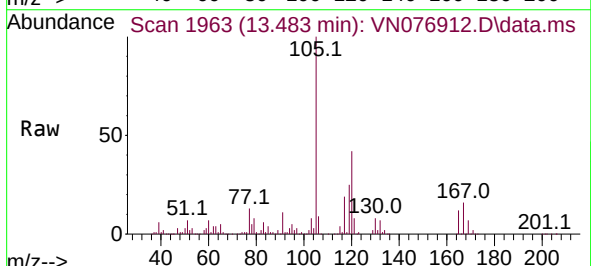
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

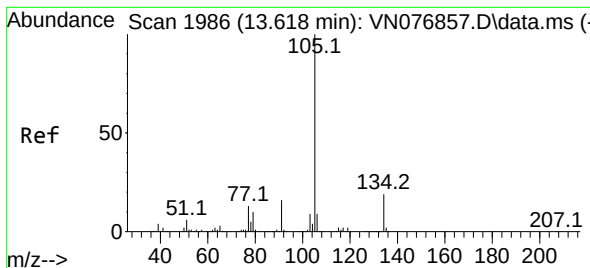
Tgt Ion:119 Resp: 725661
 Ion Ratio Lower Upper
 119 100
 91 73.6 31.9 95.5
 134 26.4 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.621 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN076912.D
 Acq: 09 Mar 2023 19:16

Tgt Ion:105 Resp: 888820
 Ion Ratio Lower Upper
 105 100
 120 41.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 45.697 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

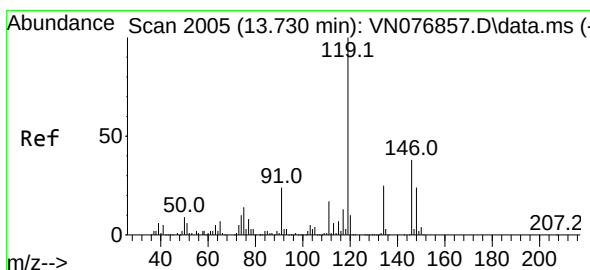
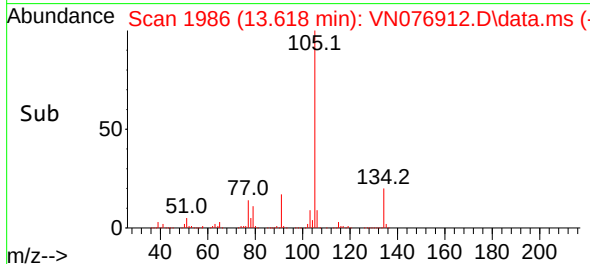
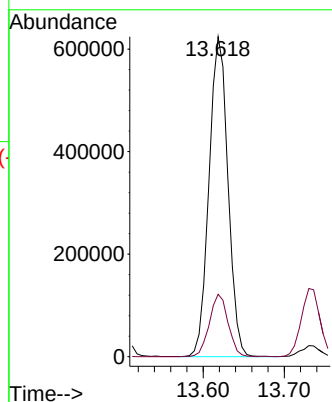
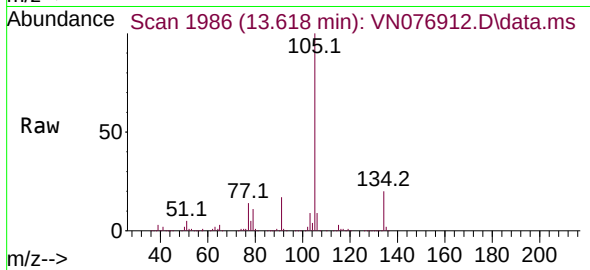
VSTDCCC050EC

Tgt Ion:105 Resp: 1010392

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 48.370 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

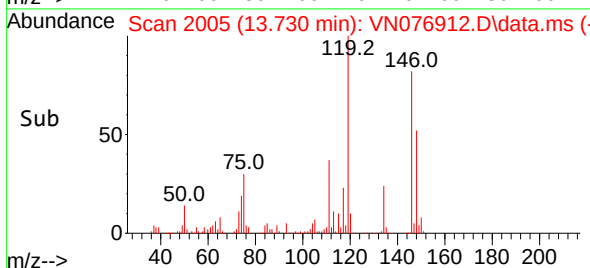
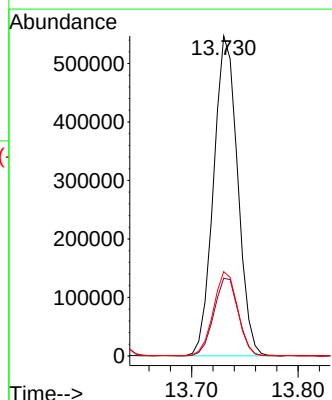
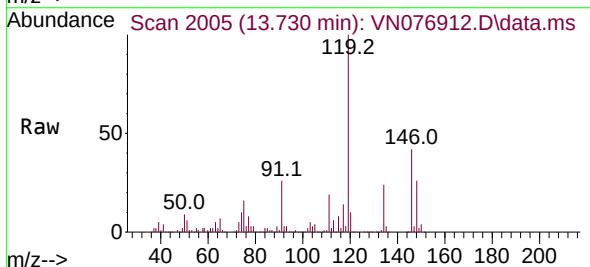
Tgt Ion:119 Resp: 855422

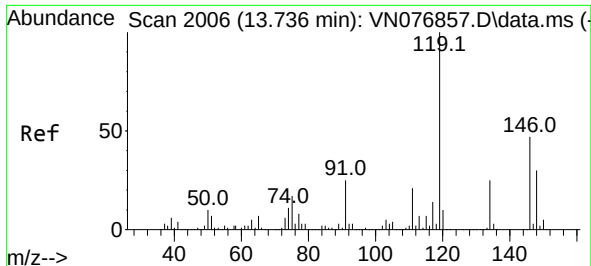
Ion Ratio Lower Upper

119 100

134 24.8 13.5 40.5

91 26.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 47.337 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

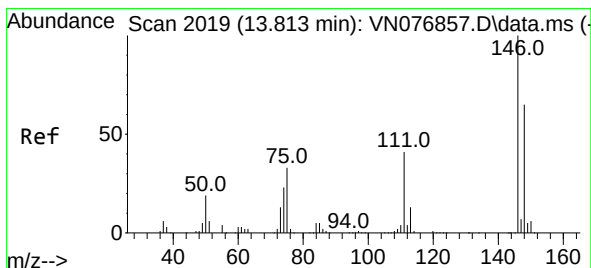
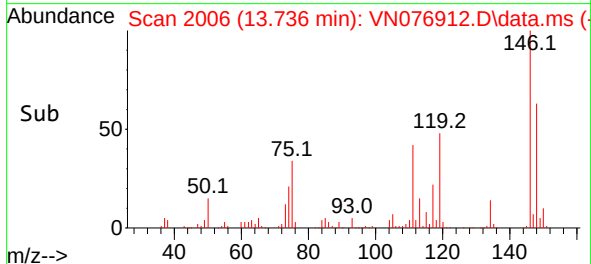
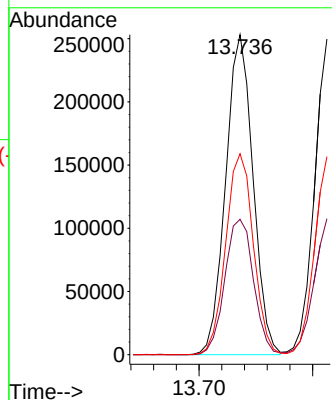
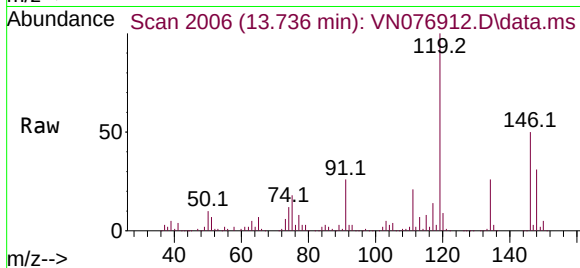
Tgt Ion:146 Resp: 422925

Ion Ratio Lower Upper

146 100

111 44.4 20.4 61.2

148 63.6 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 46.048 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

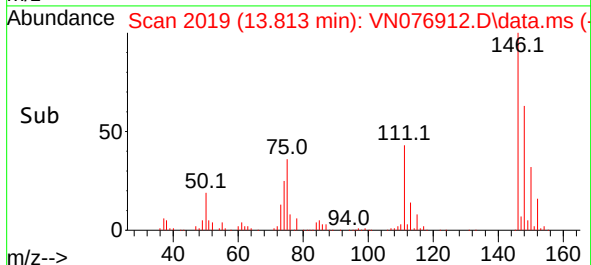
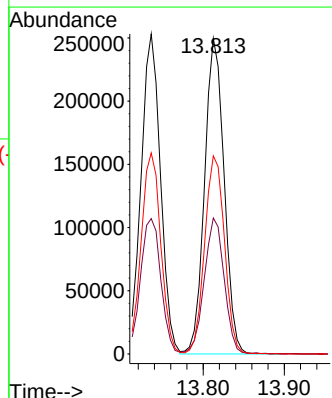
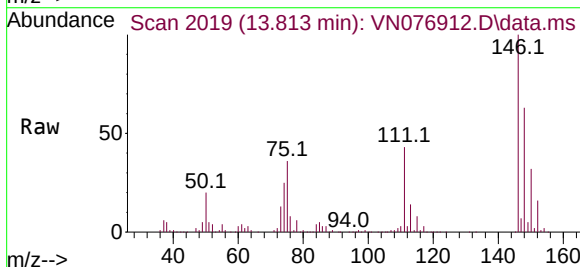
Tgt Ion:146 Resp: 417733

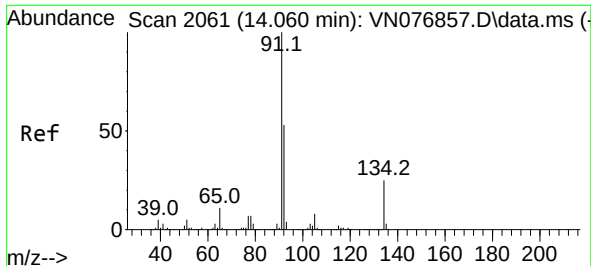
Ion Ratio Lower Upper

146 100

111 44.2 20.0 60.0

148 63.8 31.8 95.4

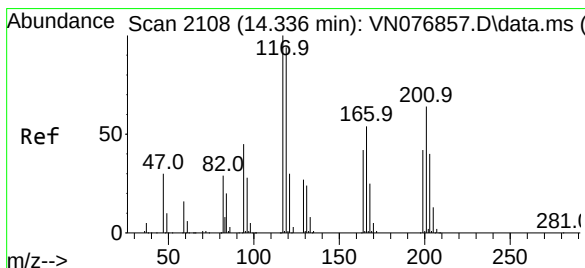
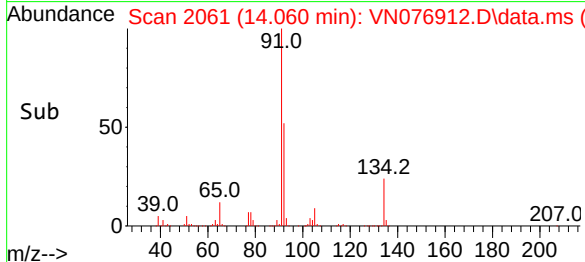
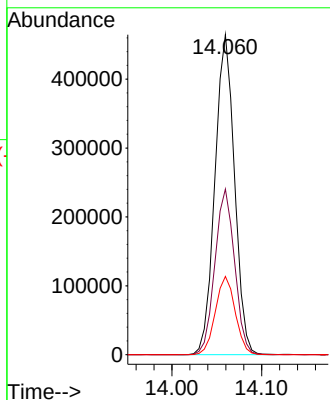
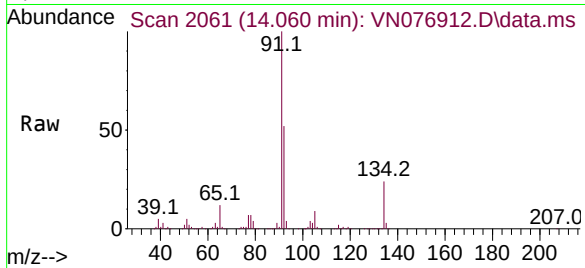




#89
n-Butylbenzene
Concen: 46.107 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

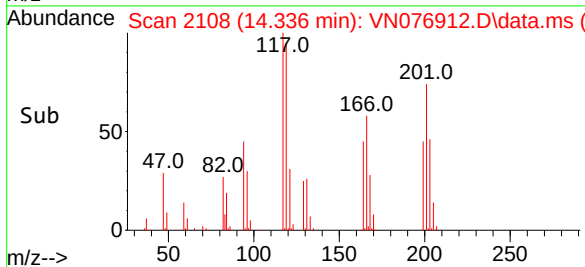
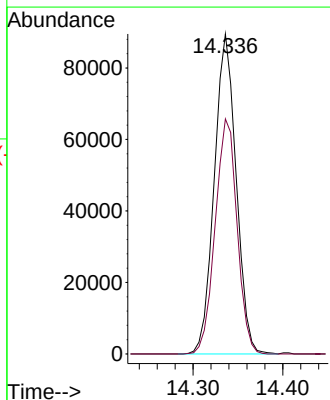
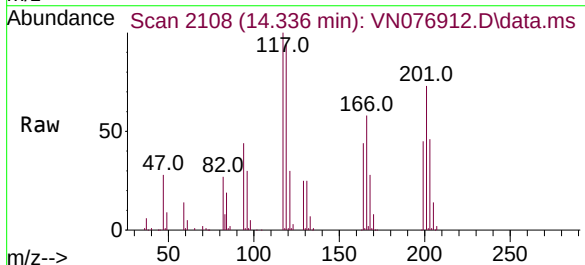
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

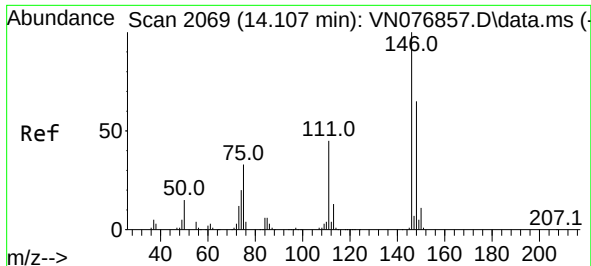
Tgt Ion: 91 Resp: 704427
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.7
134 24.8 13.6 40.7



#90
Hexachloroethane
Concen: 47.453 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 117 Resp: 151623
Ion Ratio Lower Upper
117 100
201 73.4 31.9 95.7

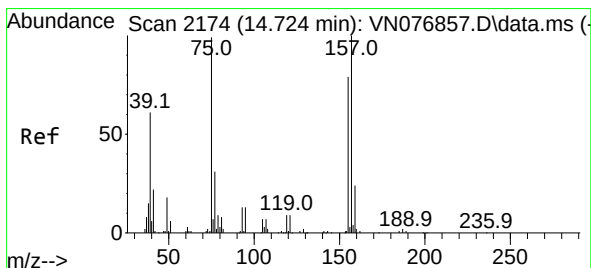
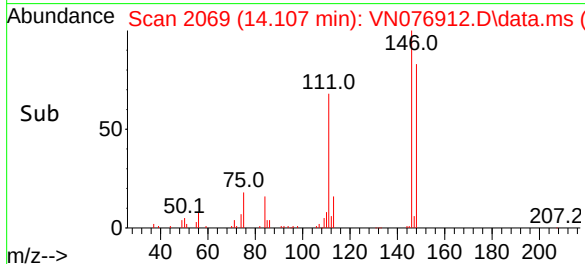
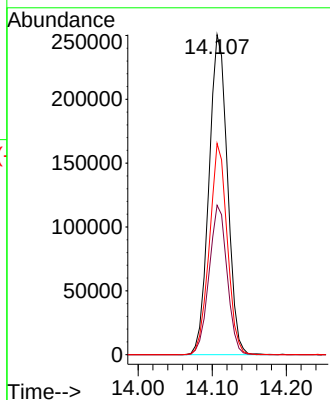
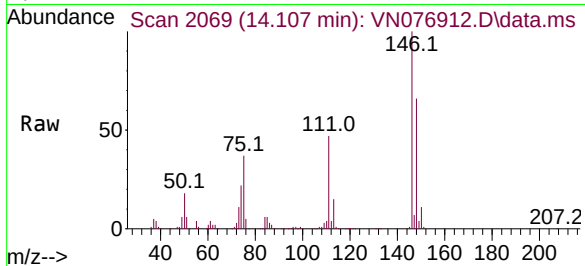




#91
1,2-Dichlorobenzene
Concen: 47.881 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

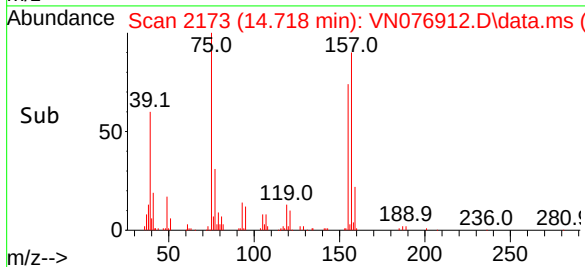
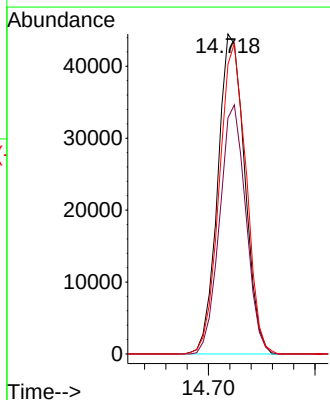
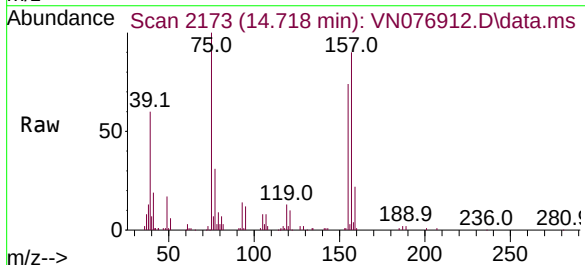
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

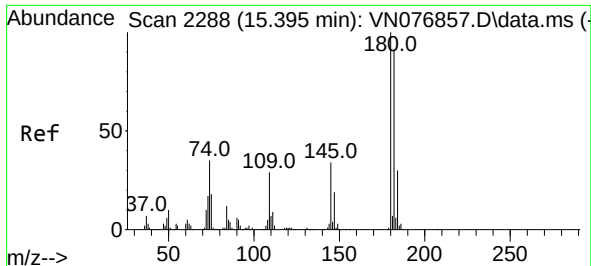
Tgt Ion:146 Resp: 433327
Ion Ratio Lower Upper
146 100
111 45.6 21.4 64.2
148 63.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.048 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076912.D
Acq: 09 Mar 2023 19:16

Tgt Ion: 75 Resp: 77946
Ion Ratio Lower Upper
75 100
155 75.8 44.3 132.8
157 96.6 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 53.366 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

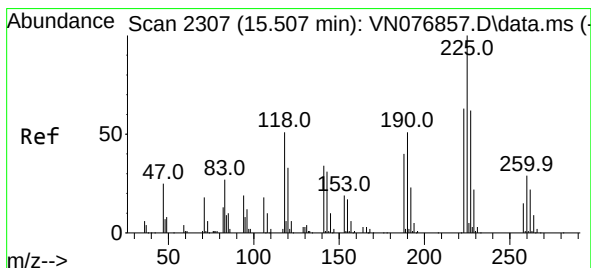
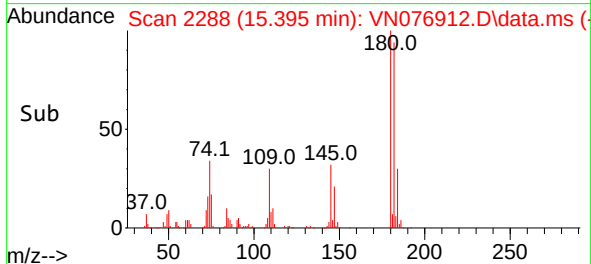
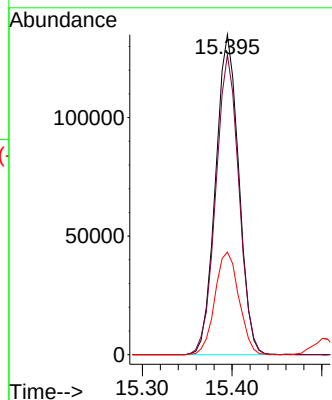
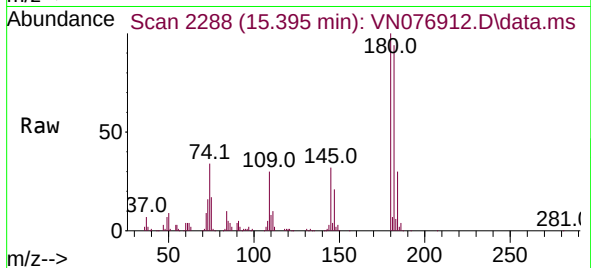
Tgt Ion:180 Resp: 241614

Ion Ratio Lower Upper

180 100

182 93.8 47.4 142.2

145 33.3 15.8 47.3



#94

Hexachlorobutadiene

Concen: 50.955 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

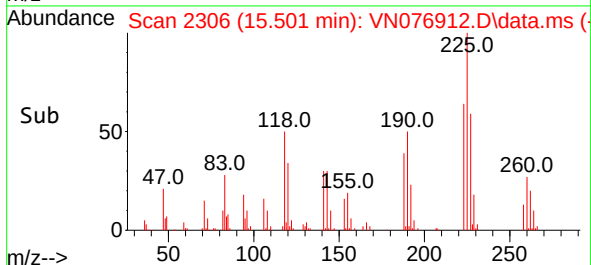
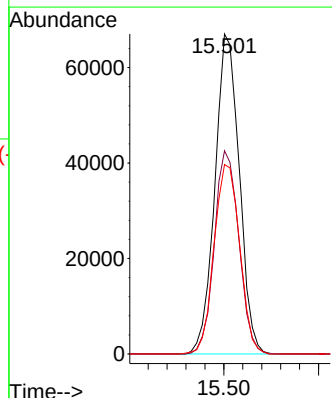
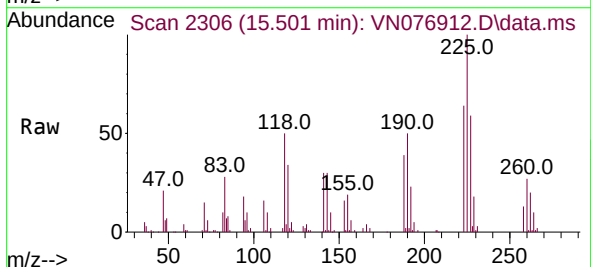
Tgt Ion:225 Resp: 120120

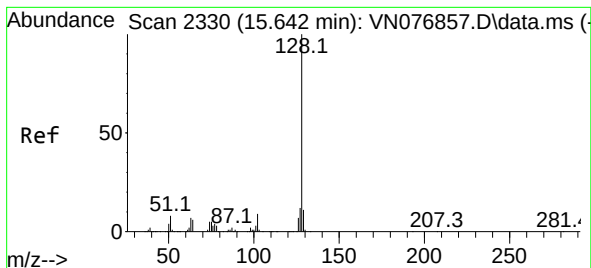
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.0

227 62.2 30.9 92.7





#95

Naphthalene

Concen: 57.216 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

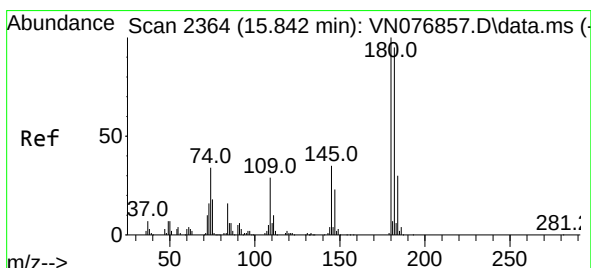
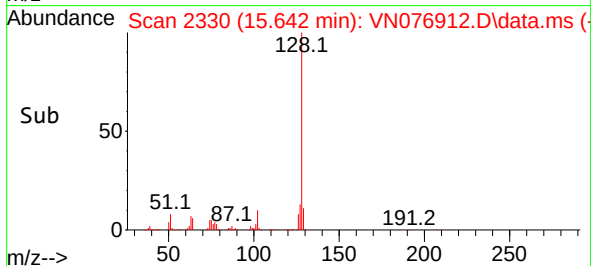
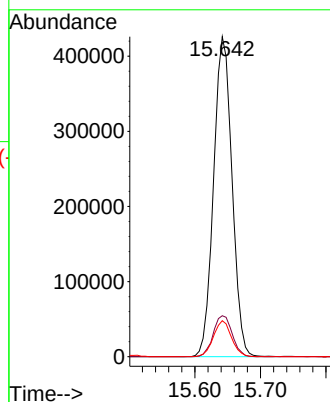
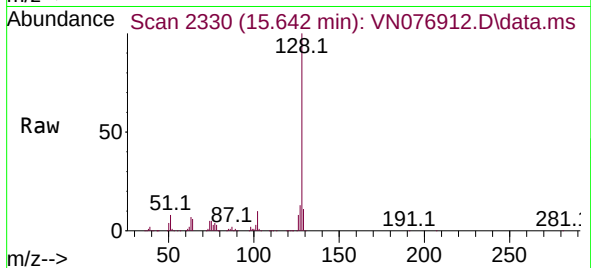
Tgt Ion:128 Resp: 829770

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.721 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076912.D

Acq: 09 Mar 2023 19:16

Tgt Ion:180 Resp: 243509

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 35.9 17.0 51.0

