

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077592.D
 Acq On : 05 May 2023 14:53
 Operator : JC\MD
 Sample : VN0505WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

Quant Time: May 06 02:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	62801	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	430368	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	484828	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	179845	32.122	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.067%	
60) 4-Bromofluorobenzene	12.848	95	272128	32.038	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 106.800%	
63) Toluene-d8	10.566	98	508415	29.760	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	141979	18.159	ug/l	99
3) Chloromethane	2.372	50	126367	21.879	ug/l	96
4) Vinyl Chloride	2.525	62	152954	19.041	ug/l	91
5) Bromomethane	2.960	94	114840	16.935	ug/l	99
6) Chloroethane	3.125	64	104773	18.111	ug/l	92
7) Trichlorofluoromethane	3.507	101	218483	18.442	ug/l	95
8) Diethyl Ether	3.972	74	91850	22.156	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.384	101	117344	17.526	ug/l	98
10) 1,1-Dichloroethene	4.354	96	118491	18.447	ug/l	95
11) Methyl Iodide	4.596	142	152946	19.409	ug/l	97
12) Methyl Acetate	5.037	43	231894	25.032	ug/l	97
13) Acrolein	4.196	56	124094	111.723	ug/l	98
14) Acrylonitrile	5.725	53	331583	116.667	ug/l	97
15) Acetone	4.443	58	88973	98.050	ug/l	81
16) Carbon Disulfide	4.719	76	292778	18.176	ug/l	98
17) Allyl chloride	5.037	41	146321	20.774	ug/l	96
18) Methylene Chloride	5.284	84	146143	19.286	ug/l	92
19) trans-1,2-Dichloroethene	5.796	96	134127	18.898	ug/l	92
20) Diisopropyl ether	6.678	45	374015	22.812	ug/l	95
21) 1,1-Dichloroethane	6.572	63	246095	20.539	ug/l	98
22) cis-1,2-Dichloroethene	7.490	96	166082	19.538	ug/l	96
23) tert-Butyl Alcohol	5.525	59	80502	65.655	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	482862	21.673	ug/l	98
25) Chloroform	7.972	83	284495	20.658	ug/l	95
26) Cyclohexane	8.260	56	185429	18.971	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	189435	20.882	ug/l	97
30) 2-Butanone	7.490	43	397059	119.382	ug/l	96
31) 2,2-Dichloropropane	7.501	77	202965	19.122	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	237118	20.251	ug/l	96
33) Carbon Tetrachloride	8.366	117	196689	19.353	ug/l	96
34) Benzene	8.607	78	579170	20.760	ug/l #	92
35) Methacrylonitrile	7.784	41	91923	27.069	ug/l	97
36) 1,2-Dichloroethane	8.672	62	227431	23.871	ug/l	98
37) Trichloroethene	9.360	130	140300	19.897	ug/l	97
38) Methylcyclohexane	9.601	83	222668	18.683	ug/l	95
39) 1,2-Dichloropropane	9.625	63	144446	22.355	ug/l	96
40) Dibromomethane	9.713	93	111545	21.889	ug/l	99
41) Bromodichloromethane	9.889	83	223045	22.162	ug/l	94
42) Vinyl Acetate	6.613	43	1240277	118.406	ug/l	94

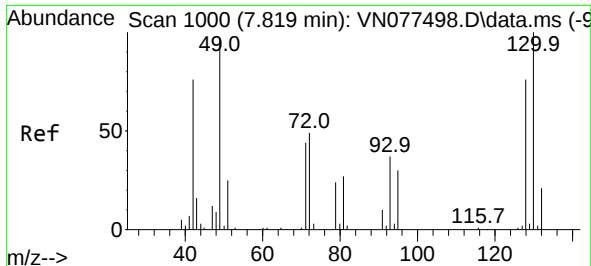
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.848	43	61130	9.496	ug/l	99
44) Isopropyl Acetate	8.695	43	292509	25.650	ug/l	93
45) 1,4-Dioxane	9.695	88	59864	432.861	ug/l	93
46) Methyl methacrylate	9.684	41	130158	25.079	ug/l	96
47) n-amyl Acetate	12.495	43	229797	25.138	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	226254	22.081	ug/l	96
49) cis-1,3-Dichloropropene	10.319	75	247688	22.393	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	161165	22.280	ug/l	98
51) Ethyl methacrylate	10.878	69	236170	23.582	ug/l	92
52) 1,3-Dichloropropane	11.166	76	271892	23.162	ug/l	98
53) Dibromochloromethane	11.360	129	163598	21.967	ug/l	98
54) 1,2-Dibromoethane	11.472	107	162601	21.965	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	321668	97.880	ug/l	97
56) Bromoform	12.583	173	97939	21.084	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	872635	124.979	ug/l	95
59) 2-Hexanone	11.195	43	634200	123.285	ug/l	95
61) Tetrachloroethene	11.107	164	107966	19.065	ug/l	93
62) Toluene	10.631	91	662437	20.316	ug/l	100
64) Chlorobenzene	11.895	112	399569	20.059	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.966	131	148852	20.910	ug/l	98
66) Ethyl Benzene	11.966	91	720843	20.246	ug/l	97
67) m/p-Xylenes	12.072	106	552064	39.819	ug/l	94
68) o-Xylene	12.401	106	278967	20.257	ug/l	95
69) Styrene	12.413	104	447263	20.886	ug/l	98
70) Isopropylbenzene	12.701	105	707489	20.239	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	234083	21.984	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	273714	30.219	ug/l	62
73) Bromobenzene	12.983	156	152978	20.350	ug/l	93
74) n-propylbenzene	13.036	91	778328	20.009	ug/l	99
75) 2-Chlorotoluene	13.130	91	498348	20.771	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	548195	20.345	ug/l	98
77) t-1,4-Dichloro-2-butene	12.736	75	59767	19.978	ug/l	84
78) 4-Chlorotoluene	13.225	91	463665	20.413	ug/l	99
79) tert-butylbenzene	13.442	119	496182	19.906	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	511049	20.622	ug/l	99
81) sec-Butylbenzene	13.619	105	689067	19.829	ug/l	100
82) p-Isopropyltoluene	13.730	119	527413	19.369	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	264030	20.078	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	261801	20.148	ug/l	99
85) n-Butylbenzene	14.060	91	405264	19.259	ug/l	98
86) Hexachloroethane	14.336	117	103152	18.700	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	270631	20.228	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.719	75	42725	21.707	ug/l	94
89) 1,2,4-Trichlorobenzene	15.401	180	60839	17.325	ug/l	99
90) Hexachlorobutadiene	15.501	225	50556	17.702	ug/l	94
91) Naphthalene	15.642	128	243310	18.980	ug/l	98
92) 1,2,3-Trichlorobenzene	15.848	180	59478	18.104	ug/l	96

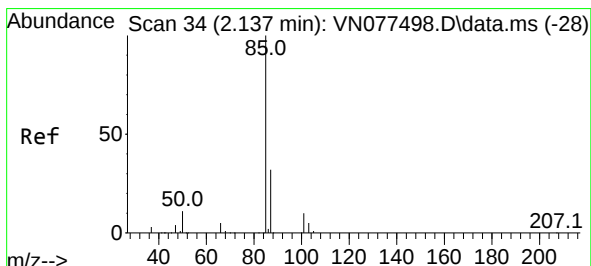
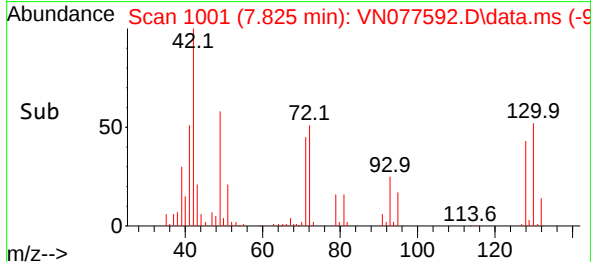
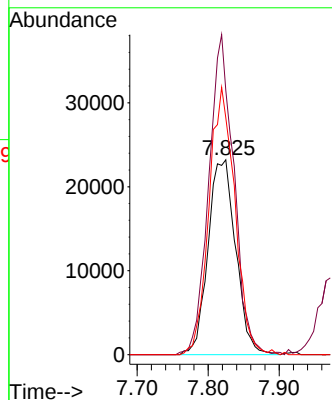
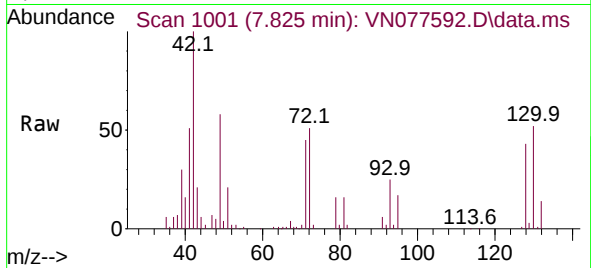
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

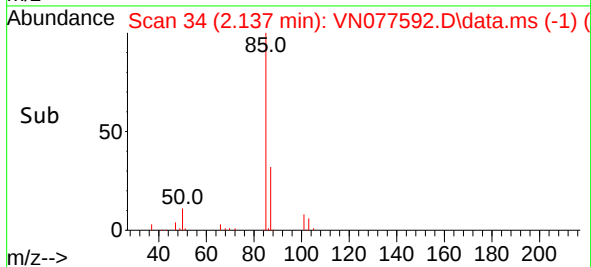
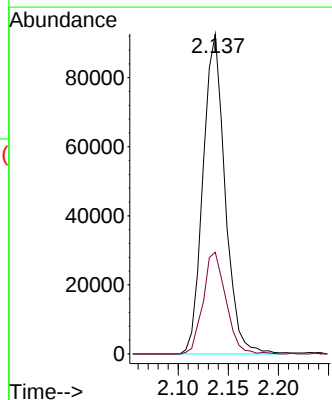
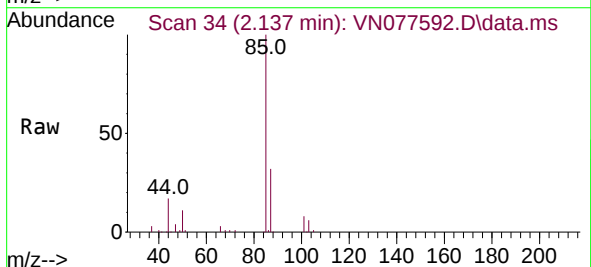
Instrument :
MSVOA_N
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VN0505WBSD01

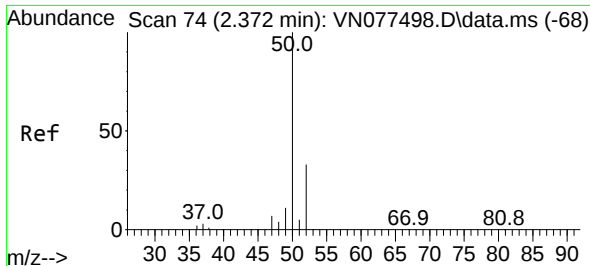
Tgt Ion:128 Resp: 62801
Ion Ratio Lower Upper
128 100
49 148.9 0.0 338.5
130 128.3 0.0 326.3



#2
Dichlorodifluoromethane
Concen: 18.159 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 85 Resp: 141979
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.3

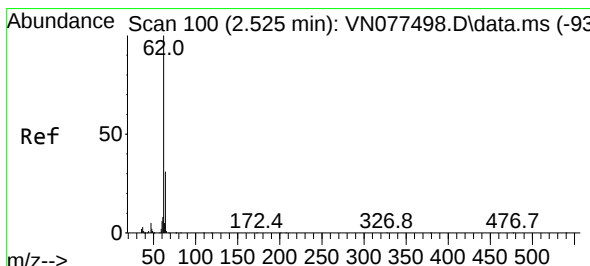
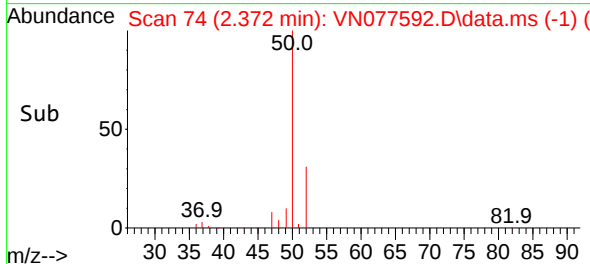
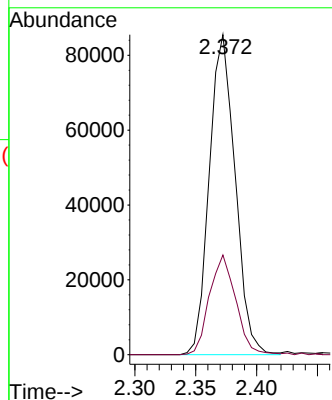
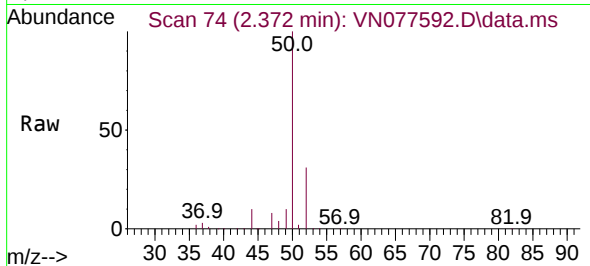




#3
Chloromethane
Concen: 21.879 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

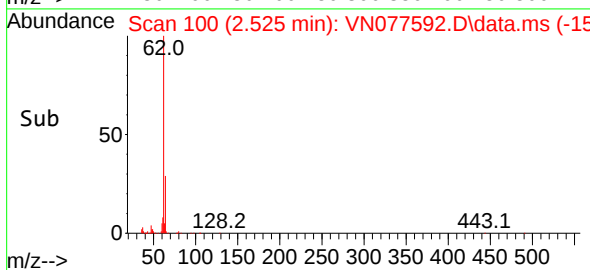
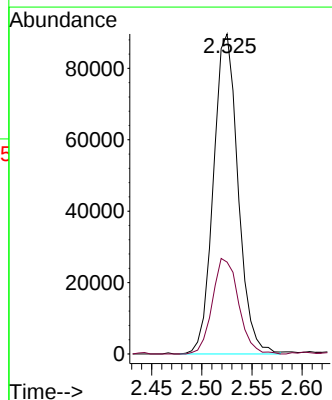
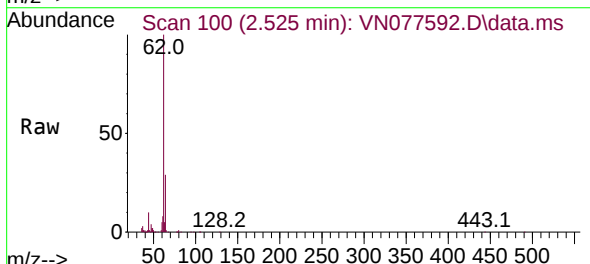
Instrument :
MSVOA_N
ClientSampleId :
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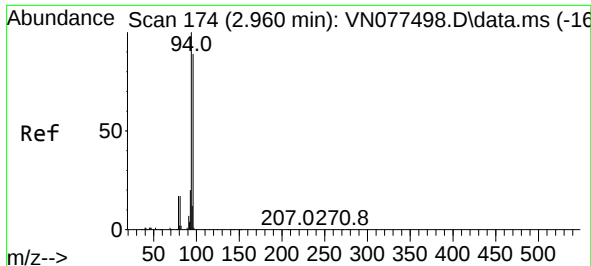
Tgt Ion: 50 Resp: 126367
Ion Ratio Lower Upper
50 100
52 31.1 26.6 39.8



#4
Vinyl Chloride
Concen: 19.041 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 62 Resp: 152954
Ion Ratio Lower Upper
62 100
64 28.7 27.1 40.7

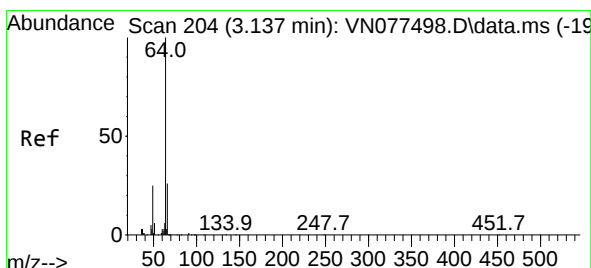
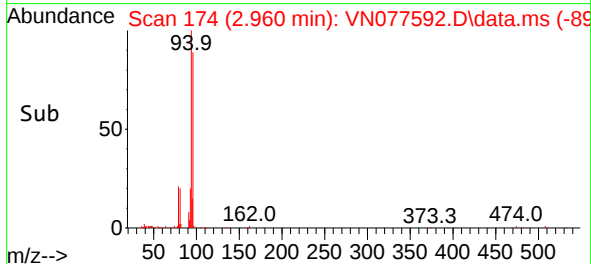
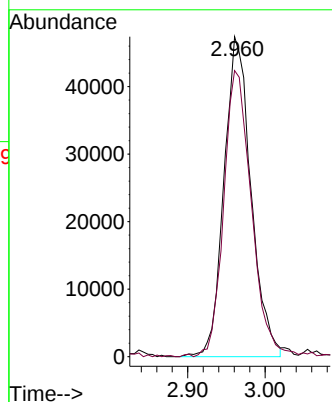
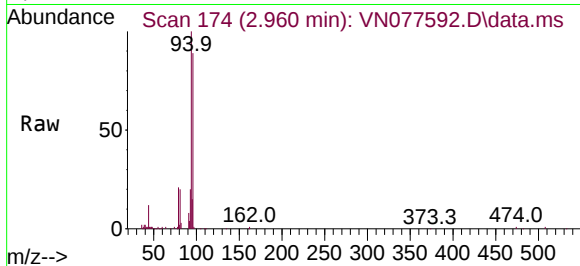




#5
Bromomethane
Concen: 16.935 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

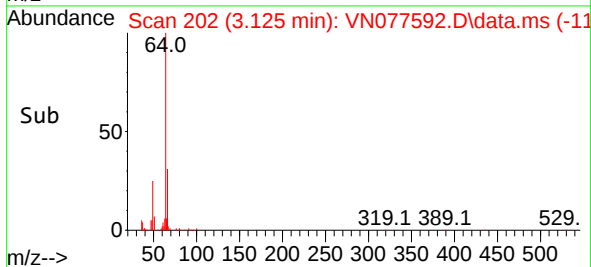
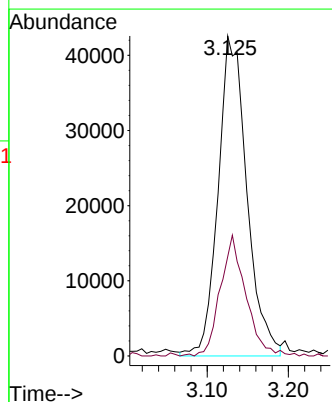
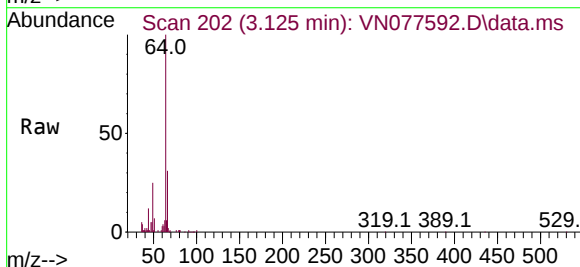
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ClientSampleId :
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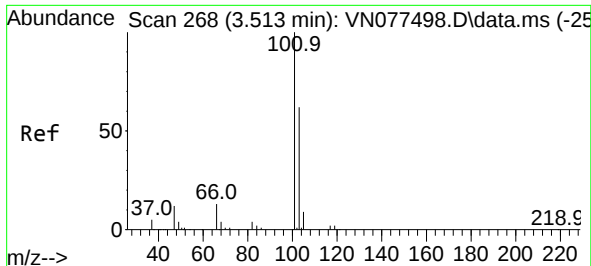
Tgt Ion: 94 Resp: 114840
Ion Ratio Lower Upper
94 100
96 89.4 72.6 108.8



#6
Chloroethane
Concen: 18.111 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 64 Resp: 104773
Ion Ratio Lower Upper
64 100
66 31.4 29.1 43.7

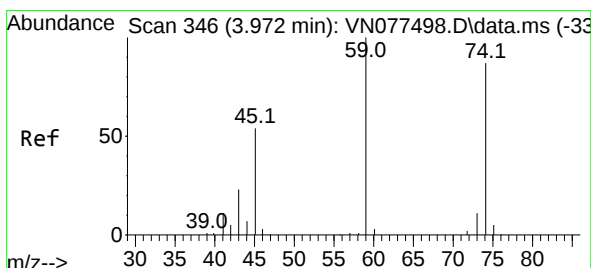
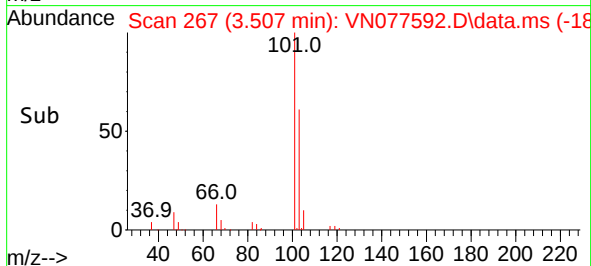
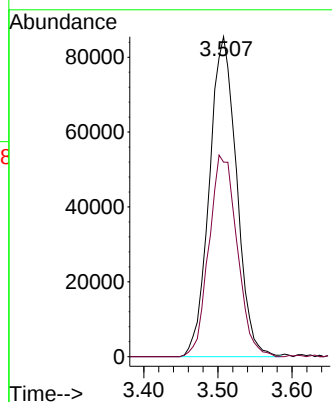
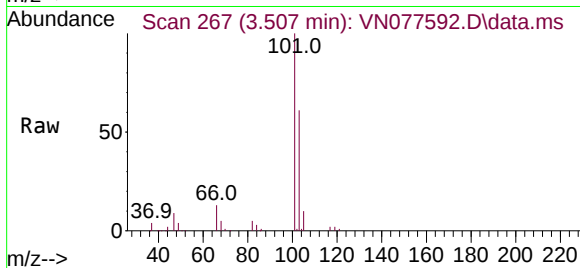




#7
Trichlorofluoromethane
Concen: 18.442 ug/l
RT: 3.507 min Scan# 218
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

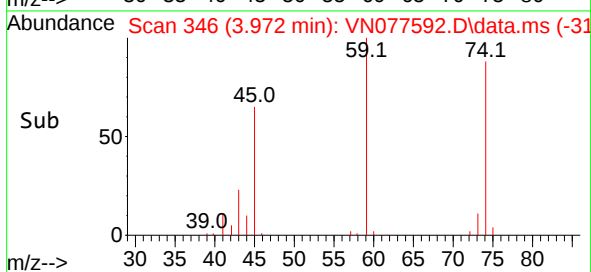
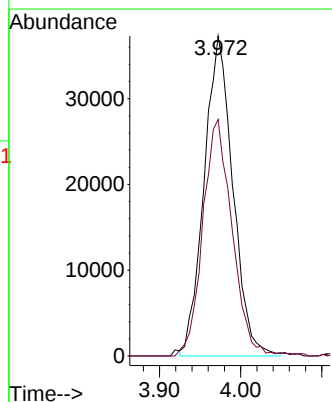
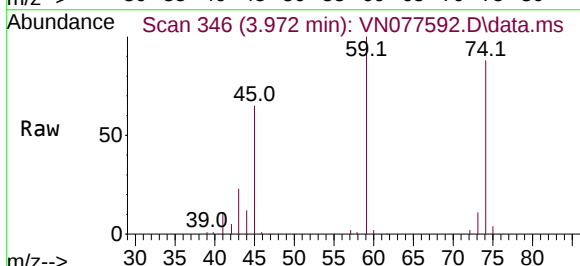
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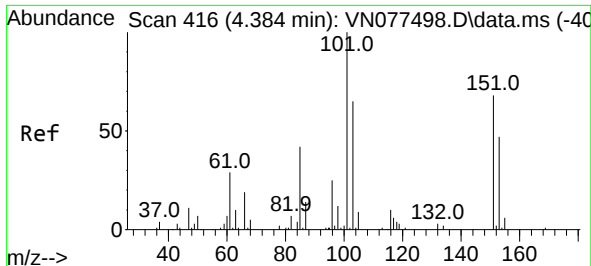
Tgt Ion:101 Resp: 218483
Ion Ratio Lower Upper
101 100
103 60.8 51.8 77.8



#8
Diethyl Ether
Concen: 22.156 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 74 Resp: 91850
Ion Ratio Lower Upper
74 100
45 74.6 13.6 122.0

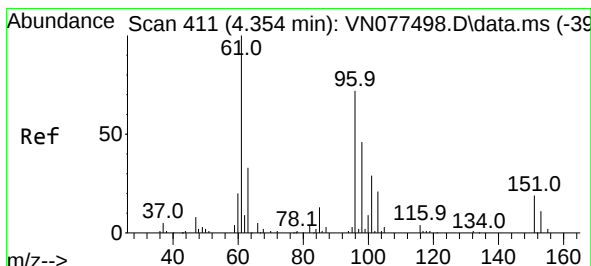
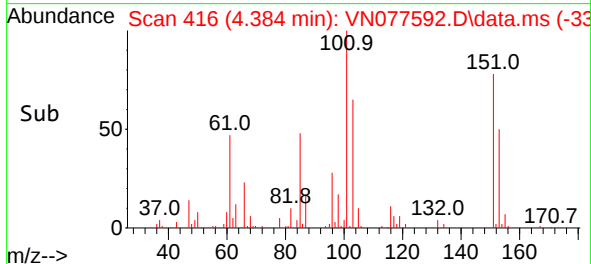
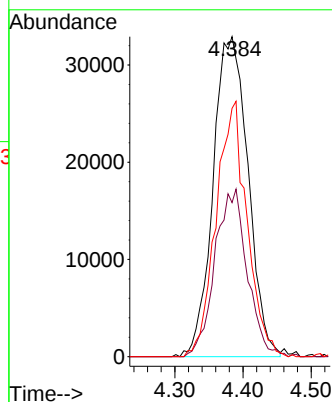
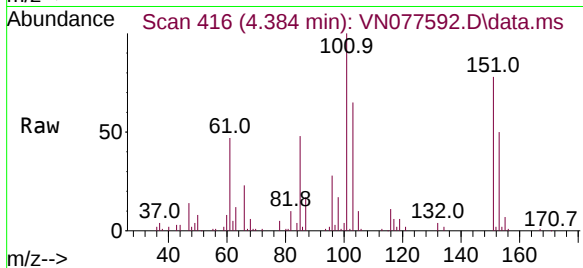




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.526 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

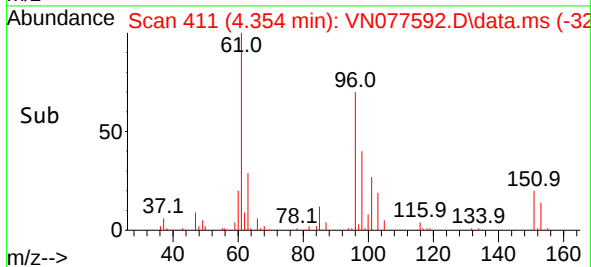
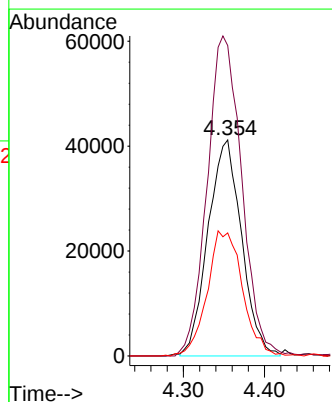
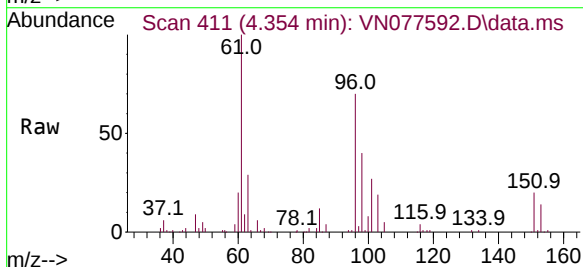
Instrument :
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ClientSampleId :
VN0505WBSD01

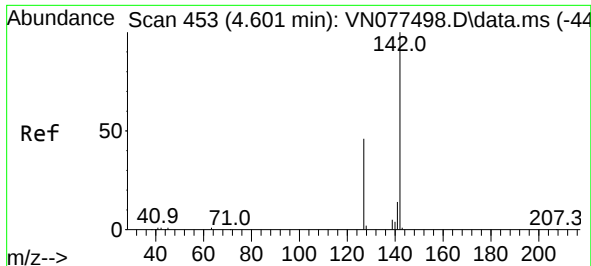
Tgt Ion:101 Resp: 117344
Ion Ratio Lower Upper
101 100
85 47.9 0.0 90.4
151 70.7 0.0 140.8



#10
1,1-Dichloroethene
Concen: 18.447 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 96 Resp: 118491
Ion Ratio Lower Upper
96 100
61 143.0 108.8 163.2
98 56.3 43.5 65.3

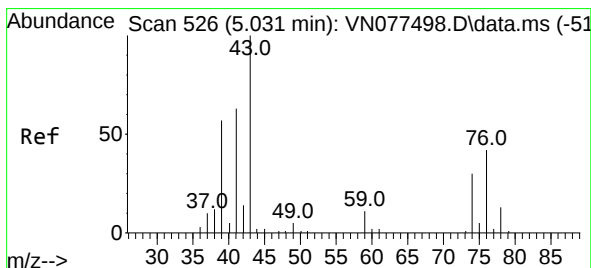
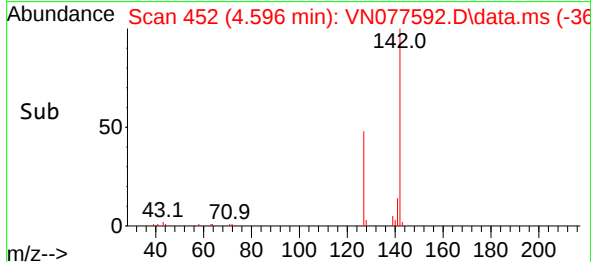
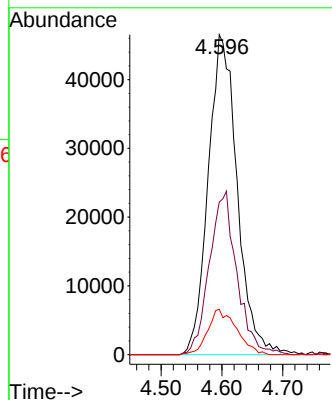
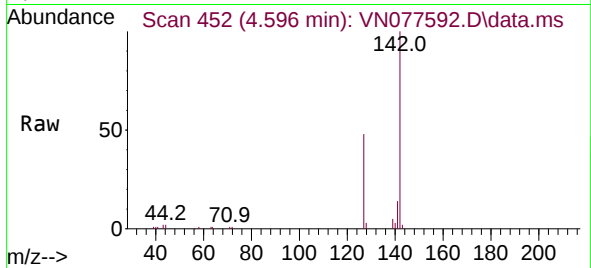




#11
Methyl Iodide
Concen: 19.409 ug/l
RT: 4.596 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

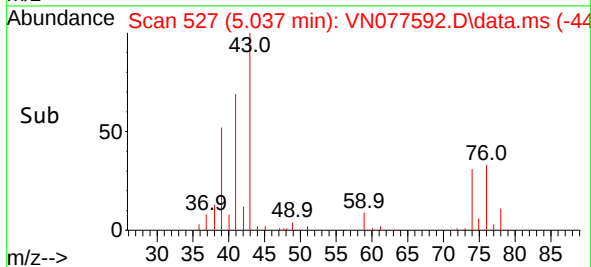
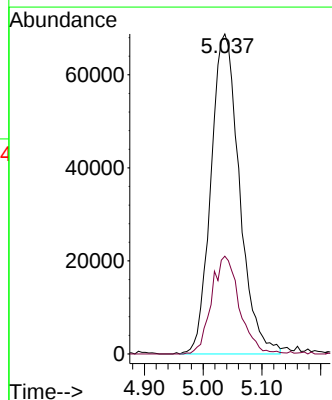
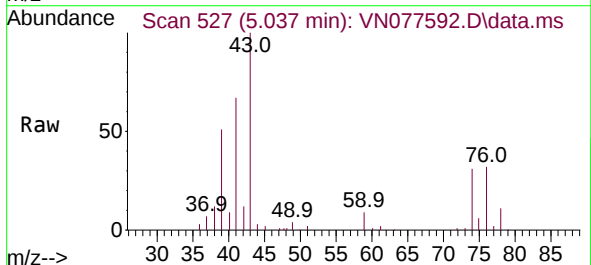
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

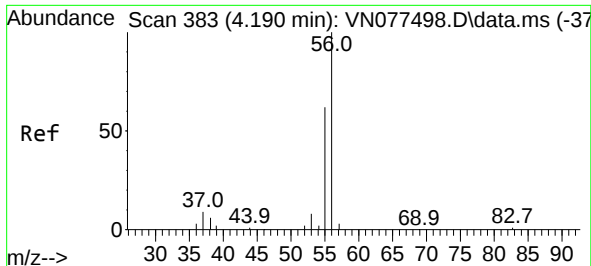
Tgt Ion:142 Resp: 152946
Ion Ratio Lower Upper
142 100
127 47.5 23.1 69.3
141 14.3 6.0 18.0



#12
Methyl Acetate
Concen: 25.032 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 43 Resp: 231894
Ion Ratio Lower Upper
43 100
74 30.7 25.8 38.8

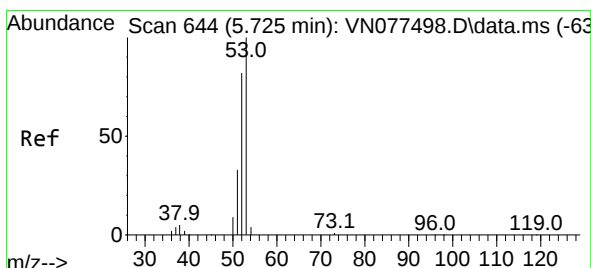
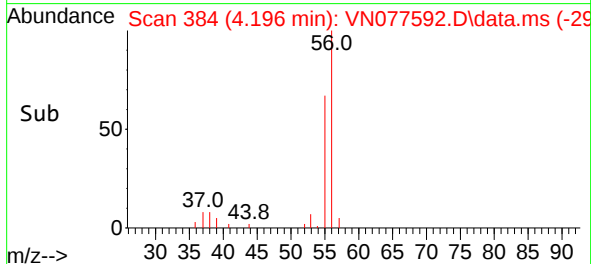
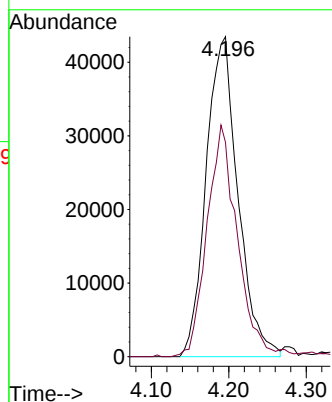
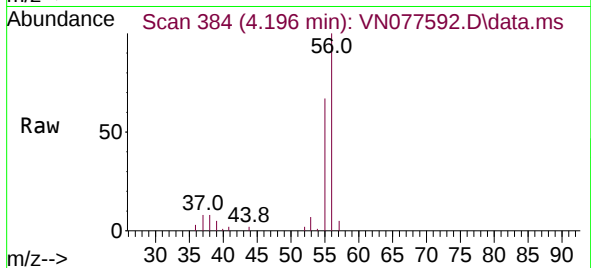




#13
Acrolein
Concen: 111.723 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

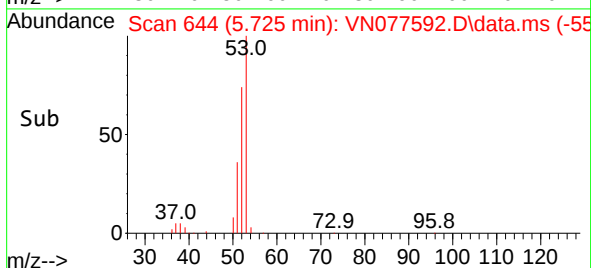
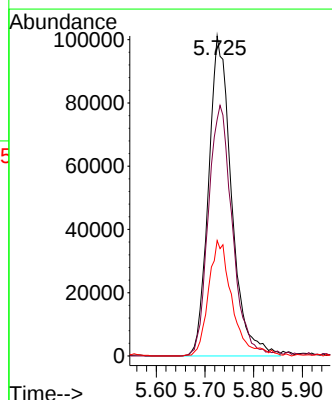
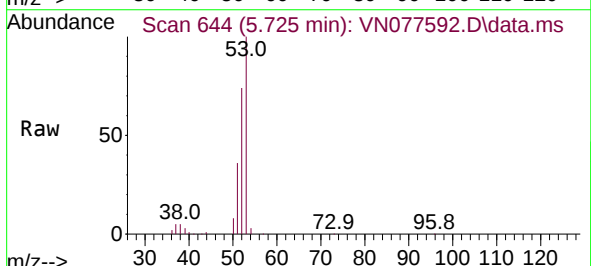
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

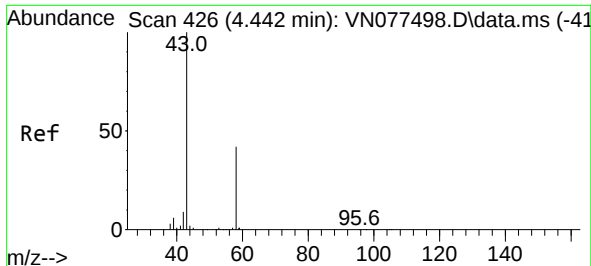
Tgt Ion: 56 Resp: 124094
Ion Ratio Lower Upper
56 100
55 68.4 55.8 83.6



#14
Acrylonitrile
Concen: 116.667 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 53 Resp: 331583
Ion Ratio Lower Upper
53 100
52 80.7 41.9 125.6
51 35.0 18.0 54.0





#15

Acetone

Concen: 98.050 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

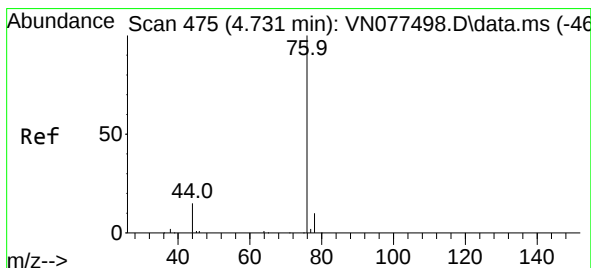
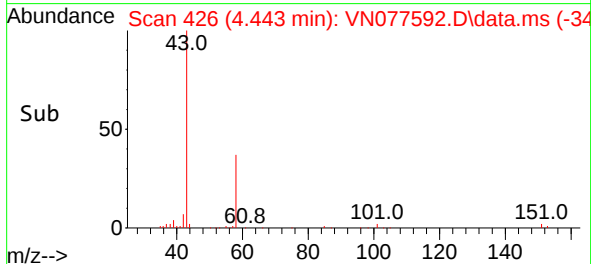
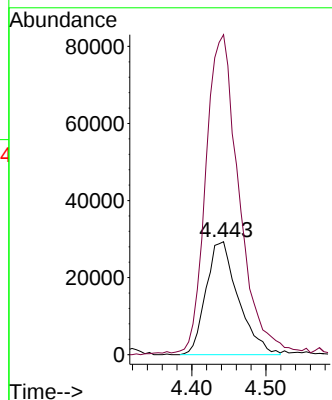
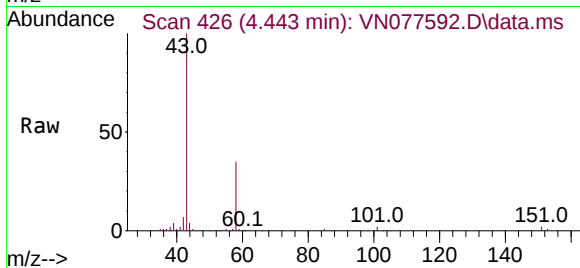
VN0505WBSD01

Tgt Ion: 58 Resp: 88973

Ion Ratio Lower Upper

58 100

43 280.0 197.2 295.8



#16

Carbon Disulfide

Concen: 18.176 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077592.D

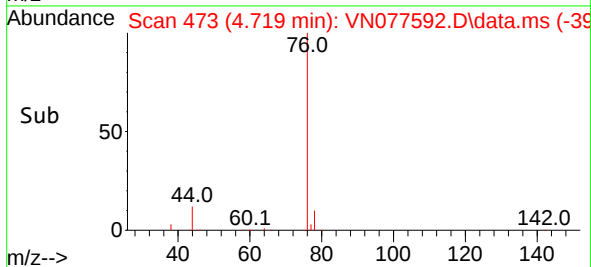
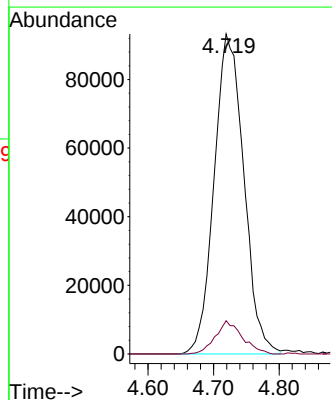
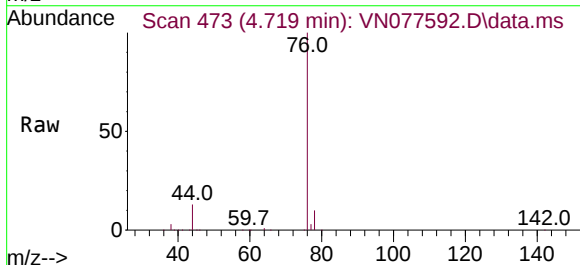
Acq: 05 May 2023 14:53

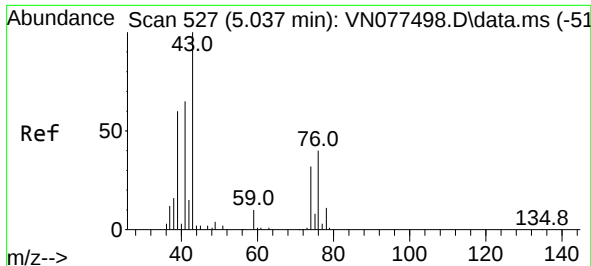
Tgt Ion: 76 Resp: 292778

Ion Ratio Lower Upper

76 100

78 10.4 7.8 11.8

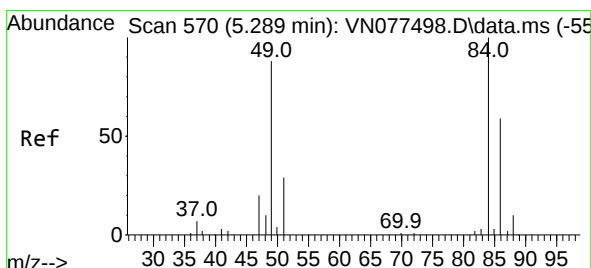
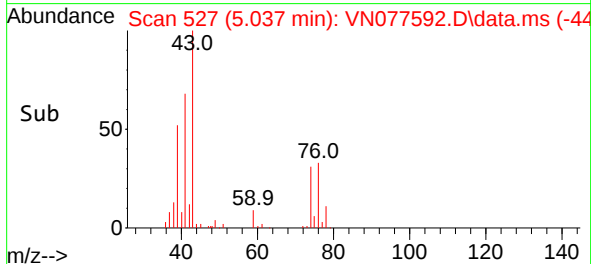
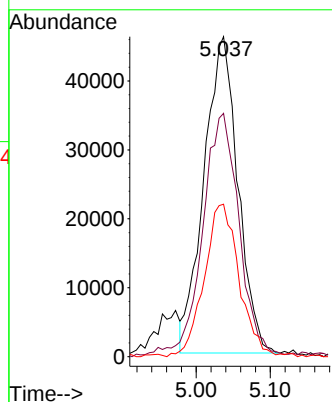
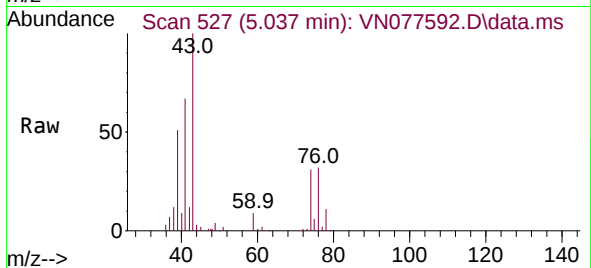




#17
 Allyl chloride
 Concen: 20.774 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

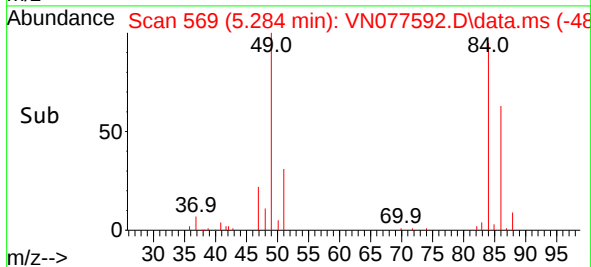
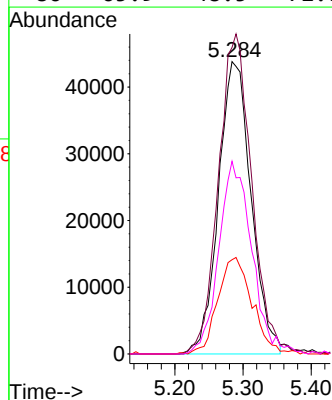
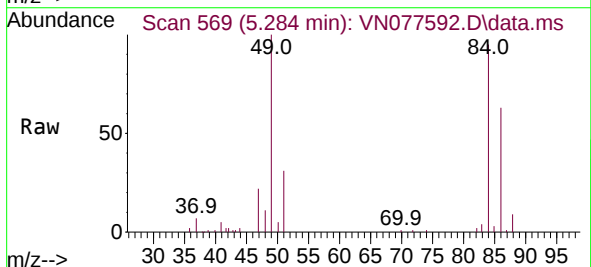
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

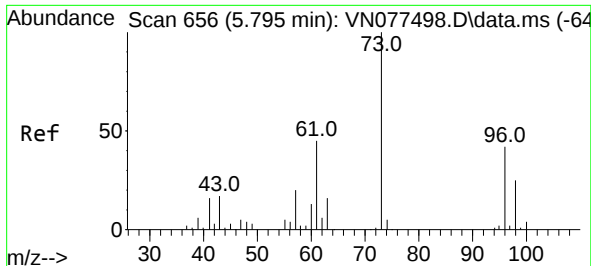
Tgt Ion: 41 Resp: 146321
 Ion Ratio Lower Upper
 41 100
 39 75.8 38.6 116.0
 76 47.4 26.1 78.3



#18
 Methylene Chloride
 Concen: 19.286 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.005 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

Tgt Ion: 84 Resp: 146143
 Ion Ratio Lower Upper
 84 100
 49 104.8 74.6 112.0
 51 31.8 25.0 37.6
 86 65.9 48.5 72.7





#19

trans-1,2-Dichloroethene

Concen: 18.898 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

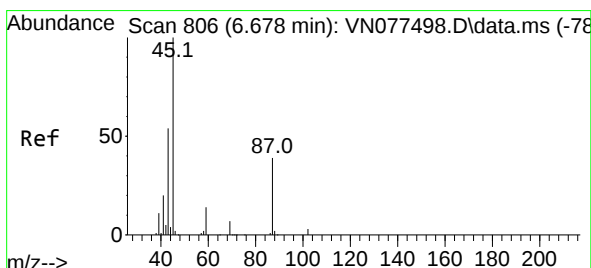
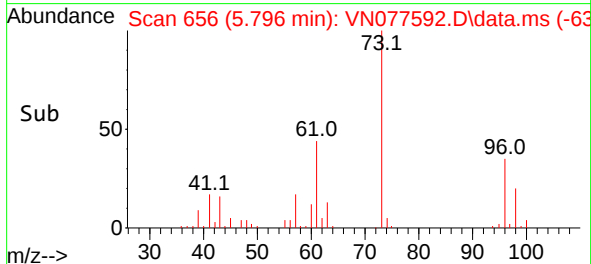
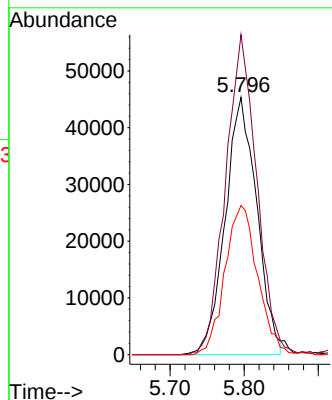
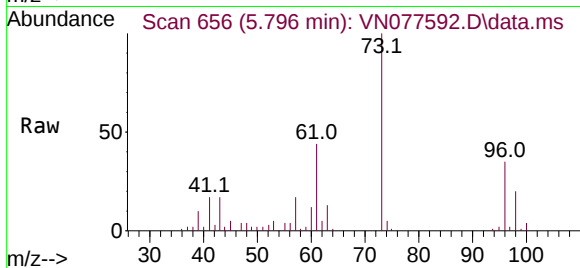
Tgt Ion: 96 Resp: 134127

Ion Ratio Lower Upper

96 100

61 124.4 89.7 134.5

98 58.0 47.0 70.4



#20

Diisopropyl ether

Concen: 22.812 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Tgt Ion: 45 Resp: 374015

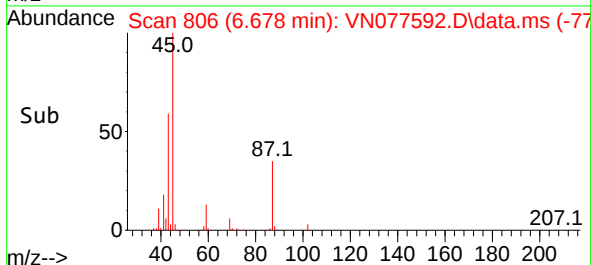
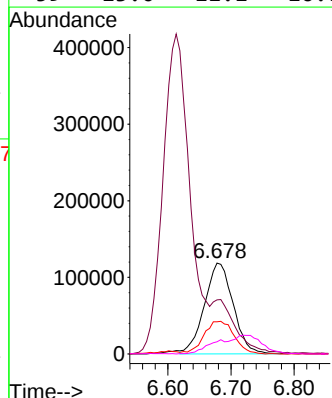
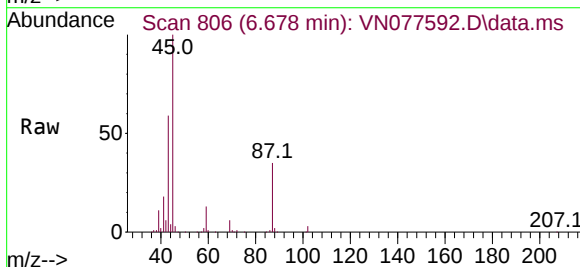
Ion Ratio Lower Upper

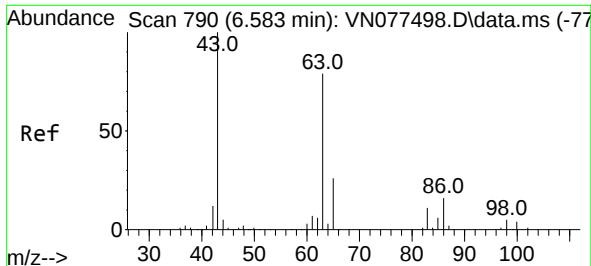
45 100

43 57.8 46.6 69.8

87 35.6 34.6 52.0

59 13.0 11.1 16.7

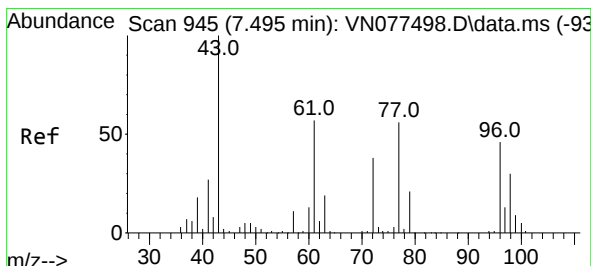
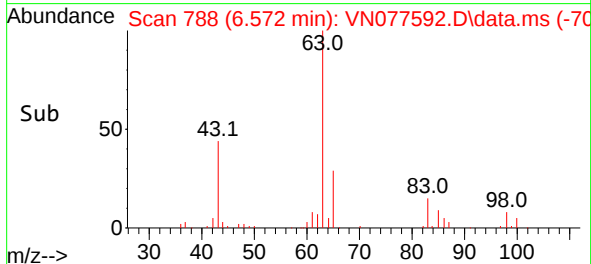
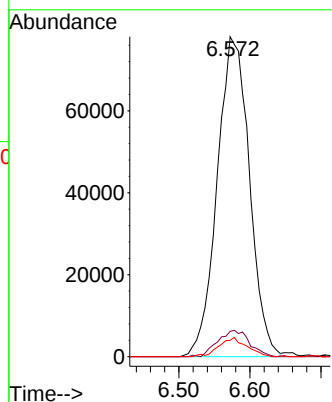
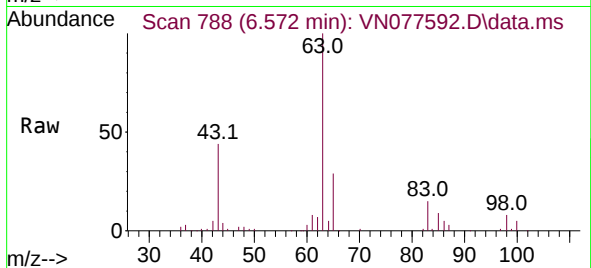




#21
1,1-Dichloroethane
Concen: 20.539 ug/l
RT: 6.572 min Scan# 71
Delta R.T. -0.011 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

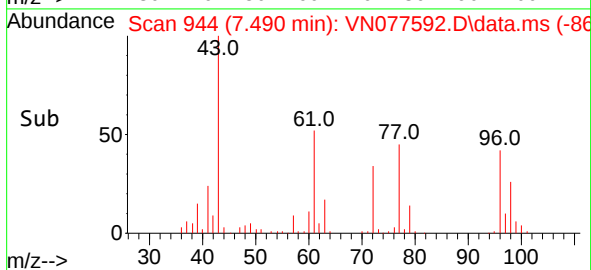
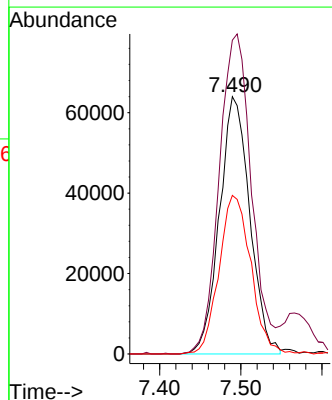
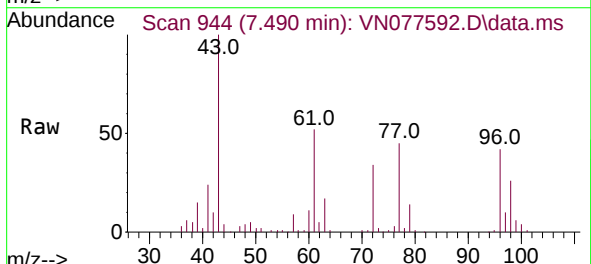
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

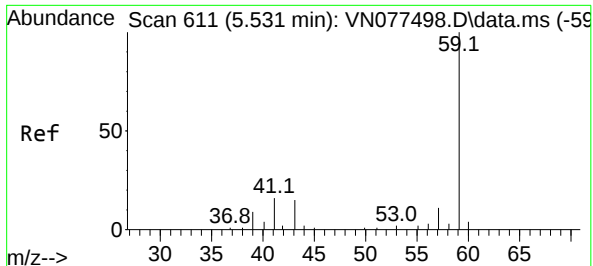
Tgt Ion: 63 Resp: 246095
Ion Ratio Lower Upper
63 100
98 7.9 4.0 12.0
100 5.1 3.4 10.1



#22
cis-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 96 Resp: 166082
Ion Ratio Lower Upper
96 100
61 131.8 100.2 150.2
98 64.5 51.6 77.4

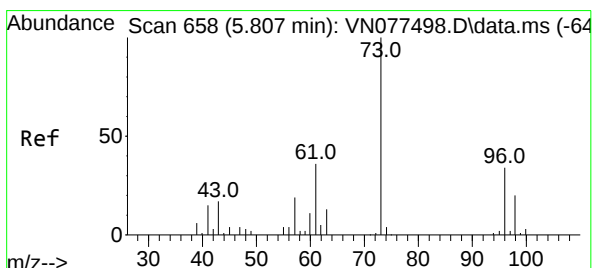
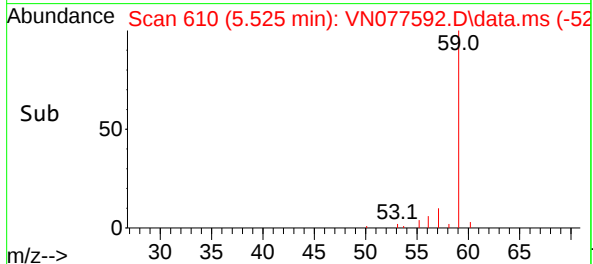
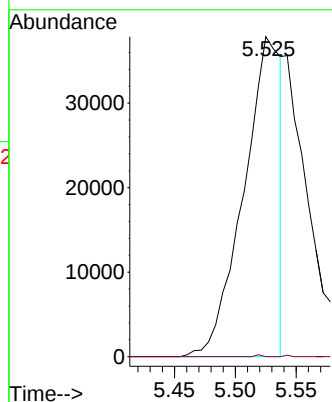
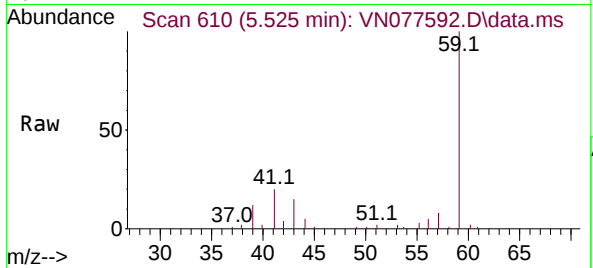




#23
tert-Butyl Alcohol
Concen: 65.655 ug/l
RT: 5.525 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

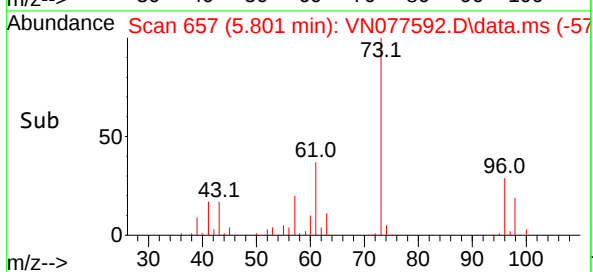
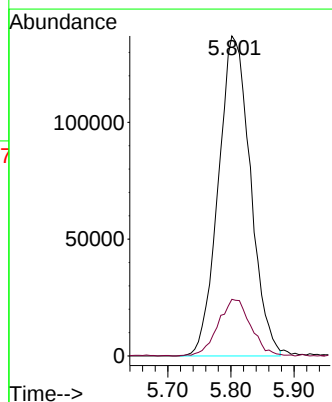
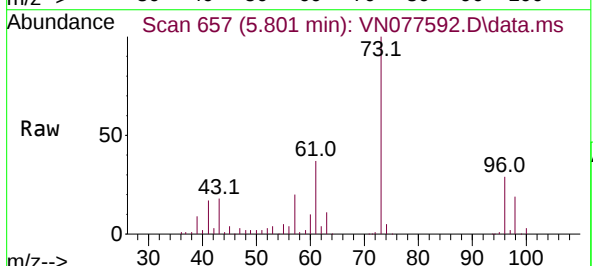
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

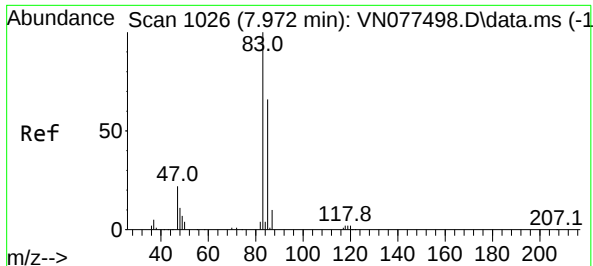
Tgt Ion: 59 Resp: 80502
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.673 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 73 Resp: 482862
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3





#25

Chloroform

Concen: 20.658 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

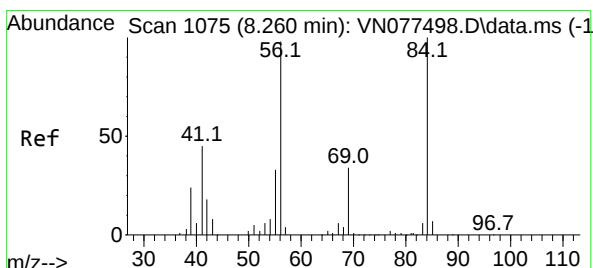
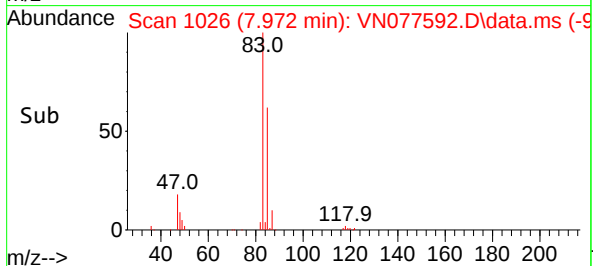
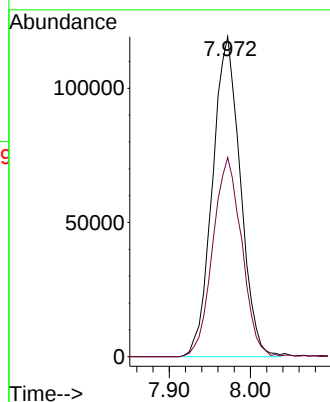
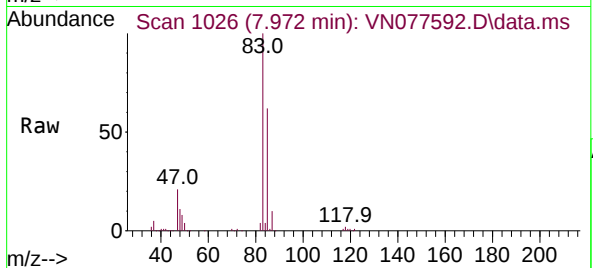
VN0505WBSD01

Tgt Ion: 83 Resp: 284495

Ion Ratio Lower Upper

83 100

85 62.3 53.0 79.4



#26

Cyclohexane

Concen: 18.971 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

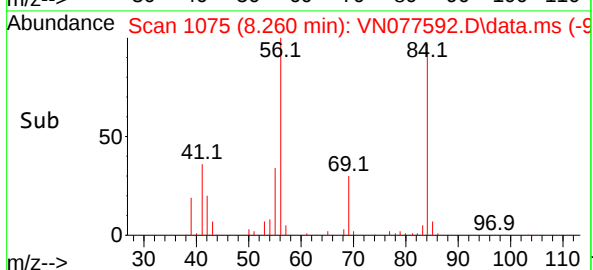
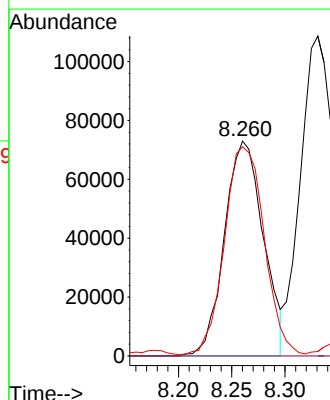
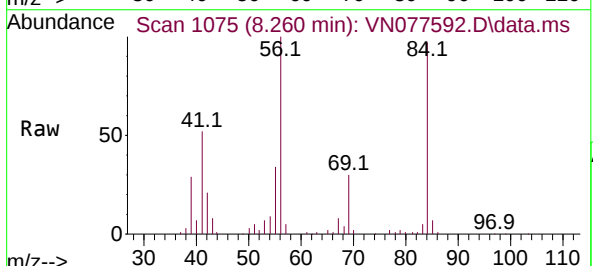
Tgt Ion: 56 Resp: 185429

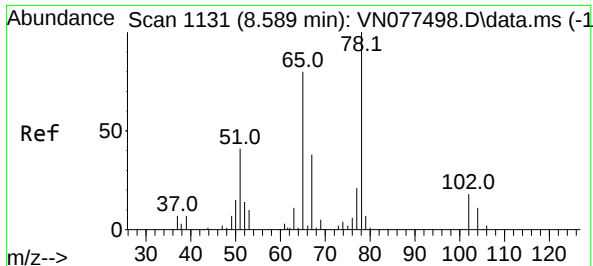
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 100.2 85.4 128.2

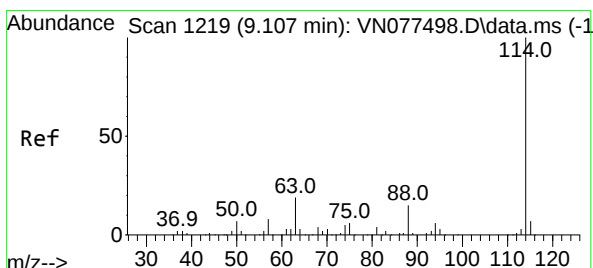
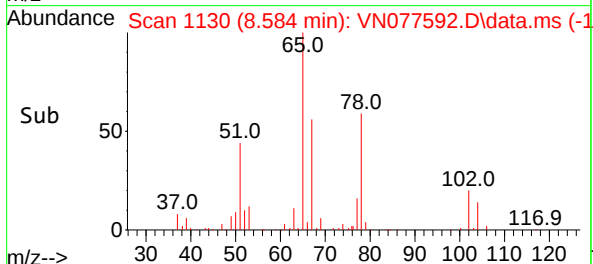
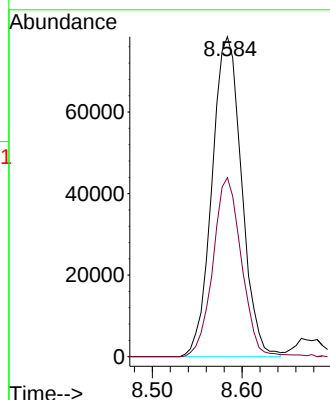
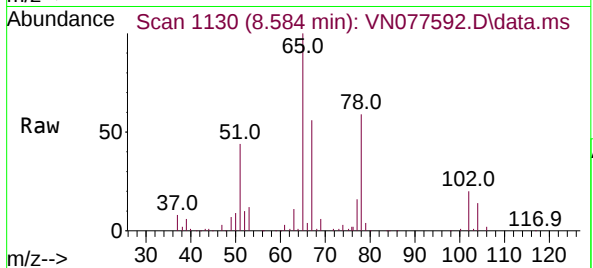




#27
1,2-Dichloroethane-d4
Concen: 32.122 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

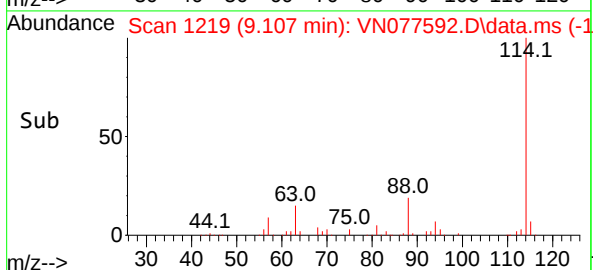
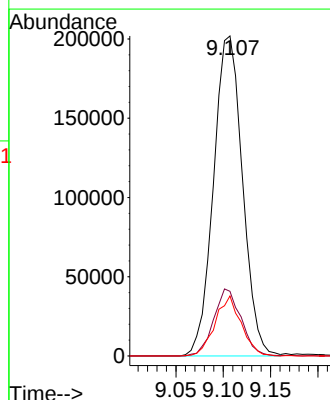
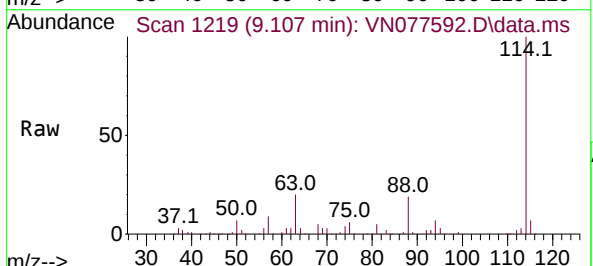
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

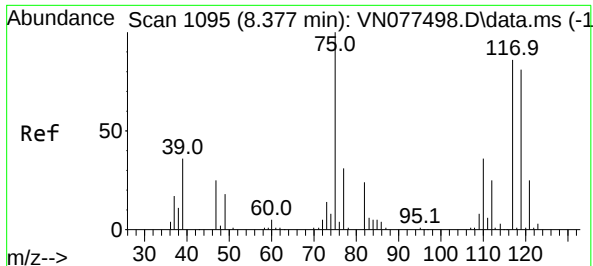
Tgt Ion: 65 Resp: 179845
Ion Ratio Lower Upper
65 100
67 53.7 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 114 Resp: 430368
Ion Ratio Lower Upper
114 100
63 19.7 14.1 21.1
88 16.9 12.3 18.5





#29

1,1-Dichloropropene

Concen: 20.882 ug/l

RT: 8.378 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

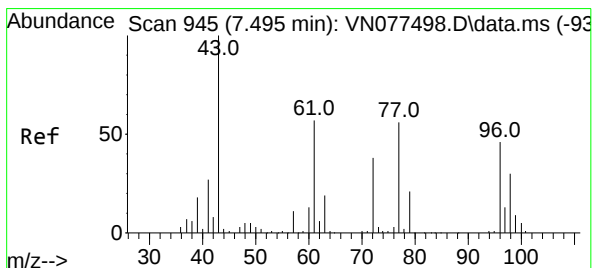
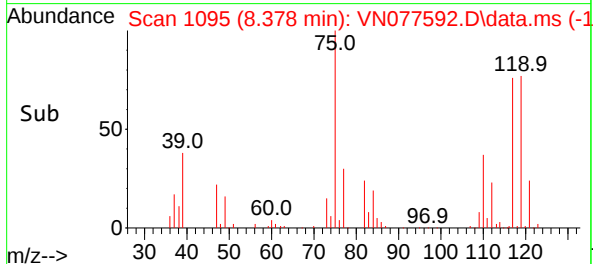
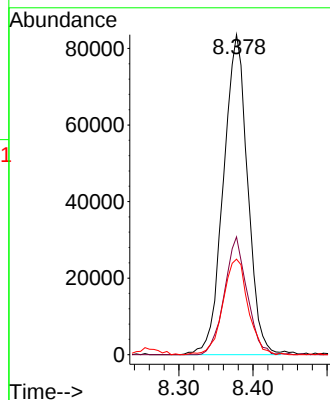
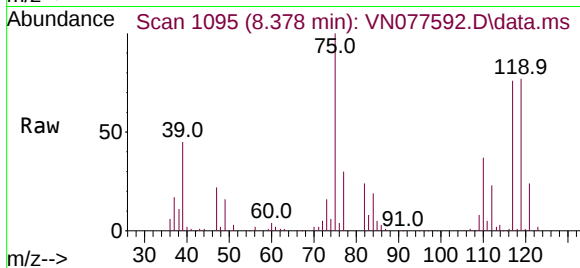
Tgt Ion: 75 Resp: 189435

Ion Ratio Lower Upper

75 100

110 34.4 0.0 74.0

77 30.9 0.0 62.8



#30

2-Butanone

Concen: 119.382 ug/l

RT: 7.490 min Scan# 944

Delta R.T. -0.005 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

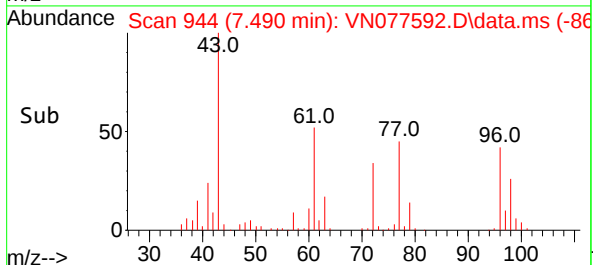
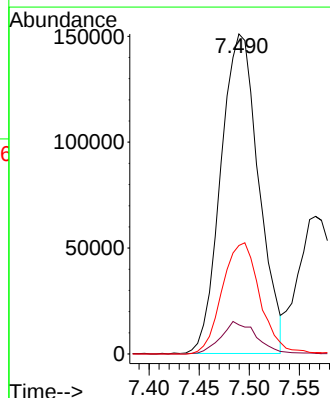
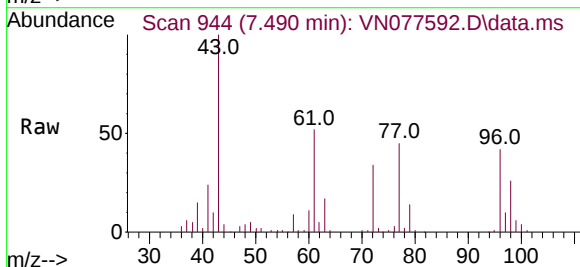
Tgt Ion: 43 Resp: 397059

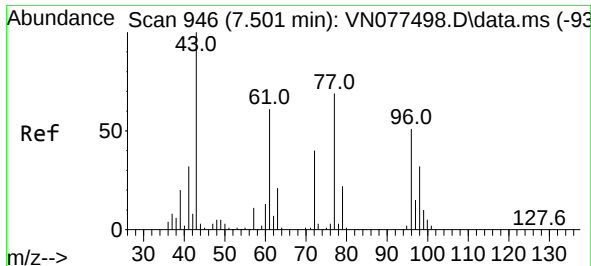
Ion Ratio Lower Upper

43 100

57 9.7 8.0 12.0

72 34.8 30.4 45.6

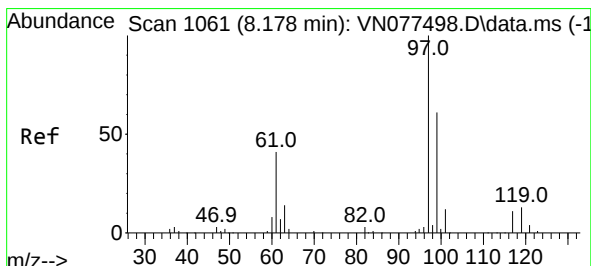
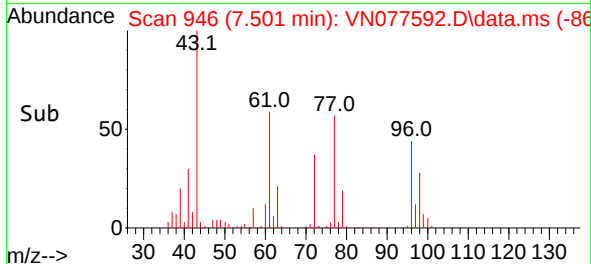
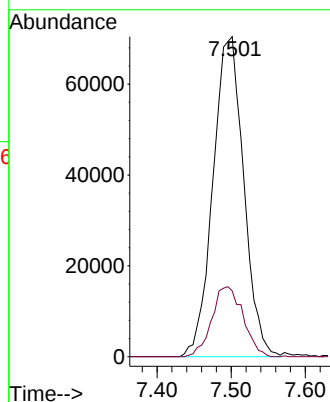
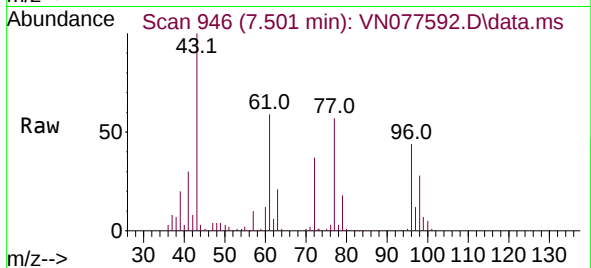




#31
2,2-Dichloropropane
Concen: 19.122 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

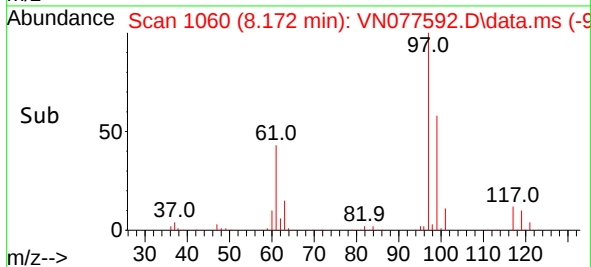
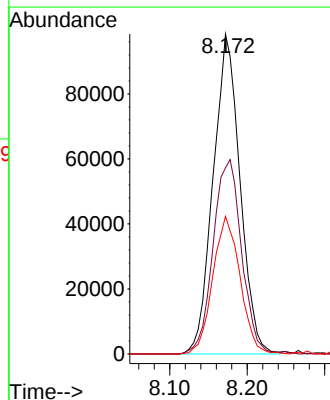
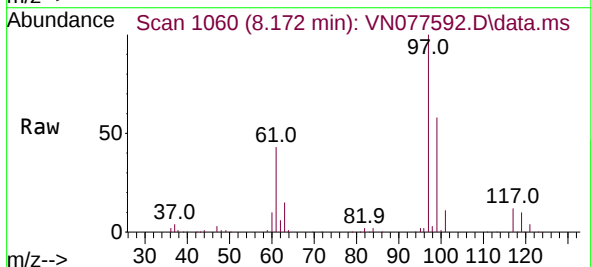
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

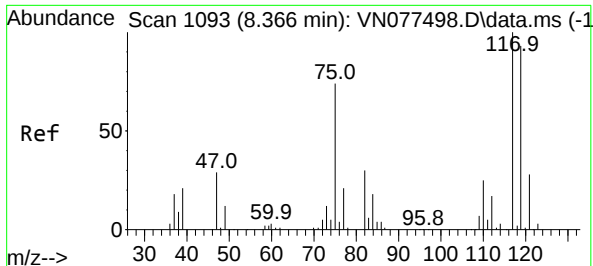
Tgt Ion: 77 Resp: 202965
Ion Ratio Lower Upper
77 100
97 22.2 18.1 27.1



#32
1,1,1-Trichloroethane
Concen: 20.251 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 97 Resp: 237118
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 43.7 31.1 46.7

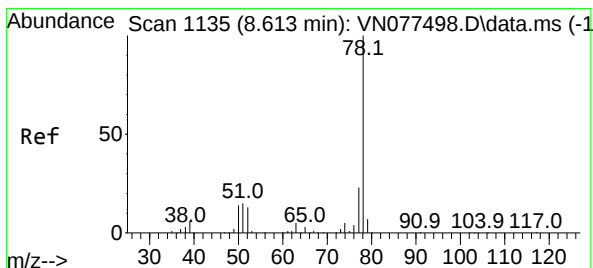
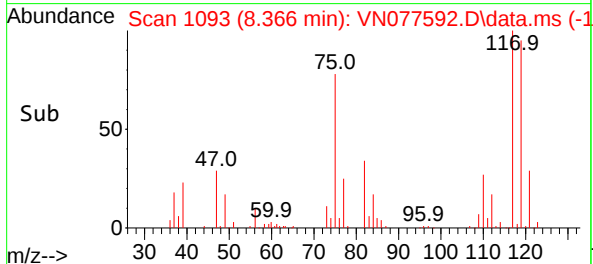
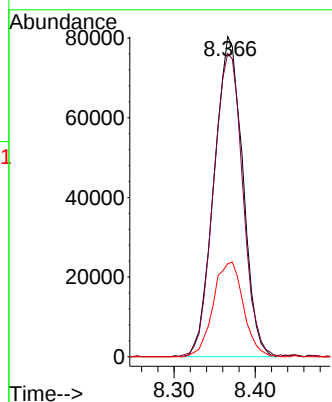
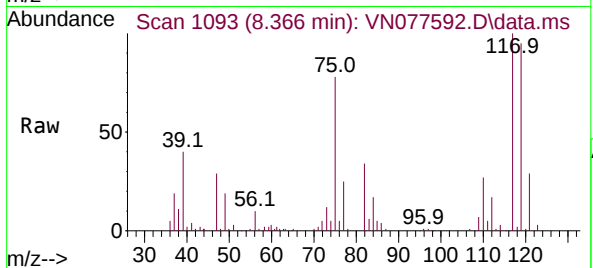




#33
Carbon Tetrachloride
Concen: 19.353 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

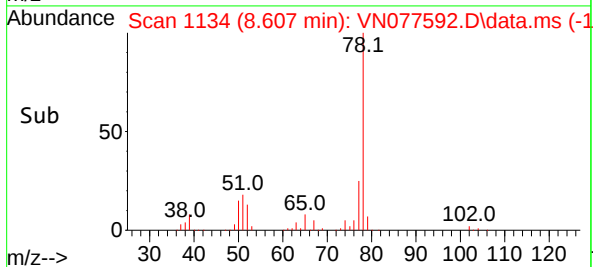
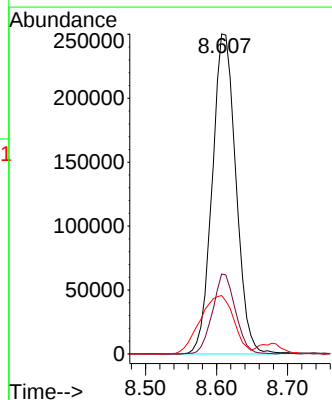
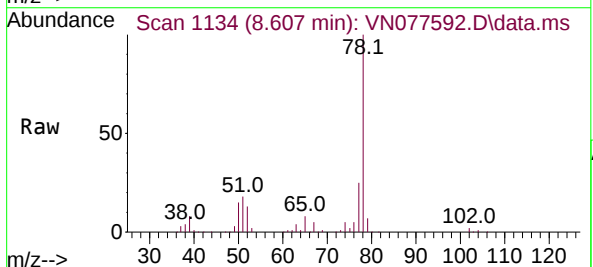
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

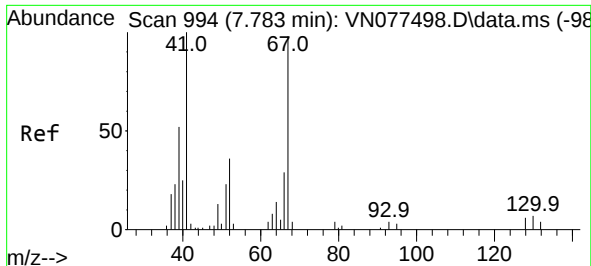
Tgt Ion:117 Resp: 196689
Ion Ratio Lower Upper
117 100
119 94.5 72.6 109.0
121 29.0 24.3 36.5



#34
Benzene
Concen: 20.760 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 78 Resp: 579170
Ion Ratio Lower Upper
78 100
77 25.0 17.1 25.7
51 17.4 11.3 16.9#

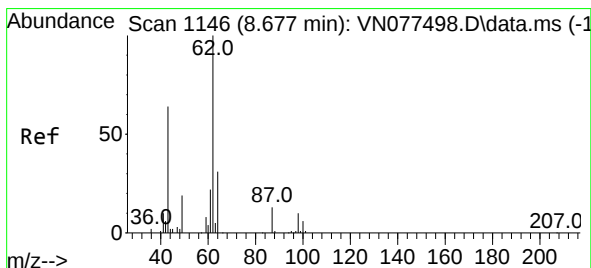
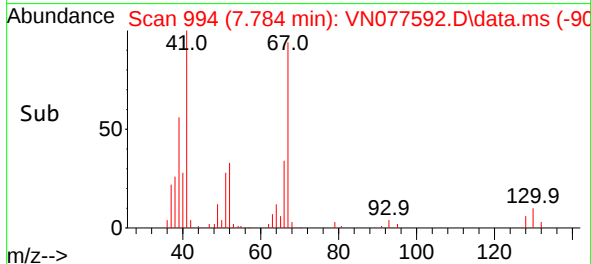
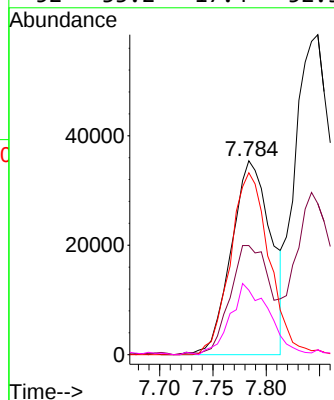
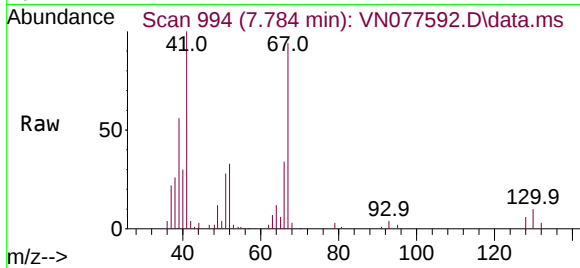




#35
Methacrylonitrile
Concen: 27.069 ug/l
RT: 7.784 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

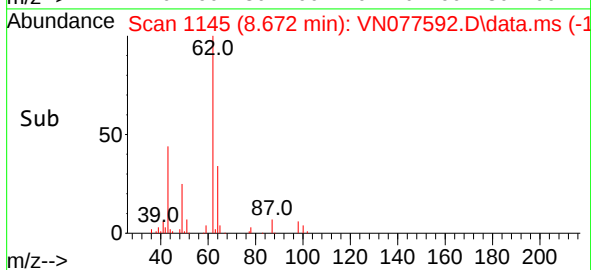
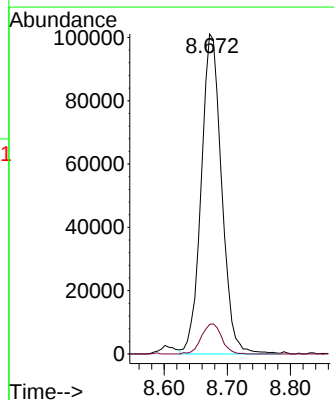
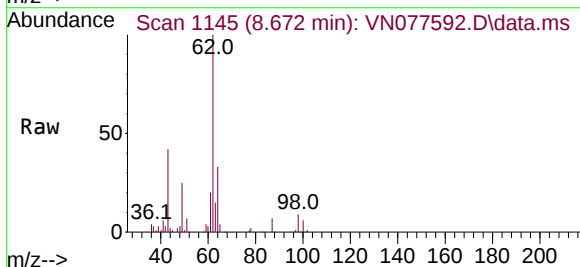
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

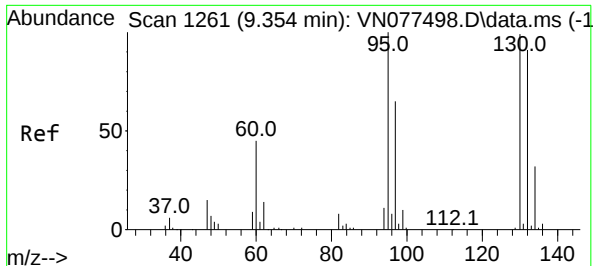
Tgt Ion:	41	Resp:	91923
Ion	Ratio	Lower	Upper
41	100		
39	55.7	25.9	77.8
67	93.8	48.1	144.4
52	33.2	17.4	52.3



#36
1,2-Dichloroethane
Concen: 23.871 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:	62	Resp:	227431
Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.0	12.0





#37

Trichloroethene

Concen: 19.897 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

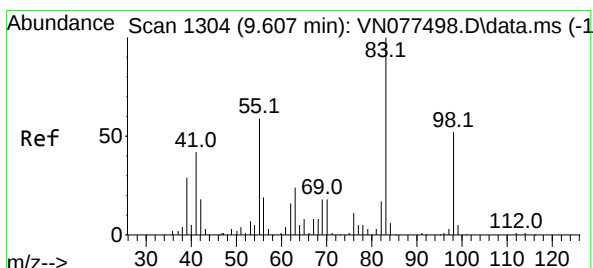
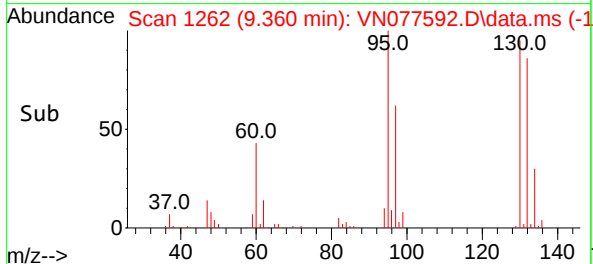
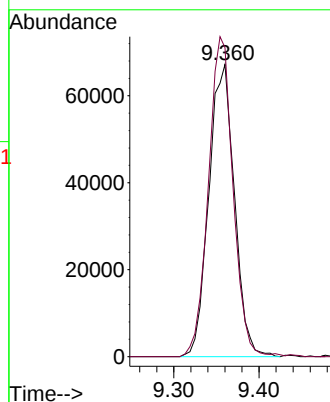
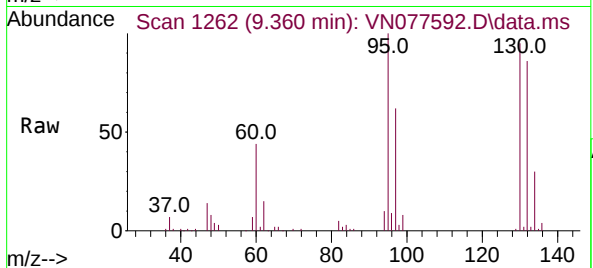
VN0505WBSD01

Tgt Ion:130 Resp: 140300

Ion Ratio Lower Upper

130 100

95 105.7 87.1 130.7



#38

Methylcyclohexane

Concen: 18.683 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

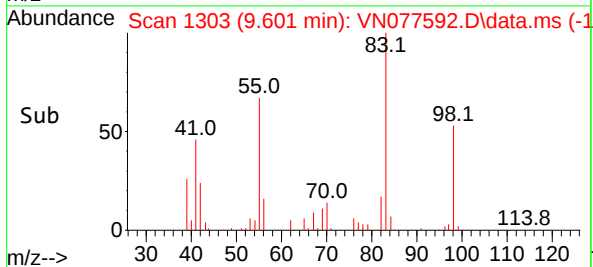
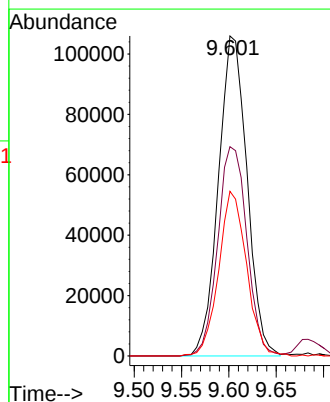
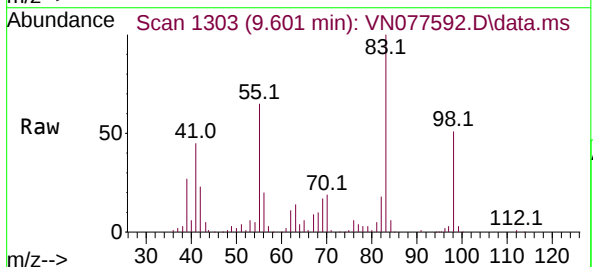
Tgt Ion: 83 Resp: 222668

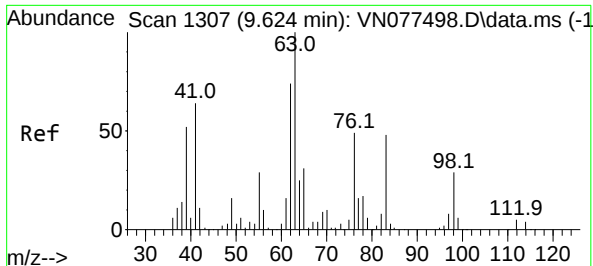
Ion Ratio Lower Upper

83 100

55 66.7 29.6 88.9

98 50.3 25.1 75.3





#39

1,2-Dichloropropane

Concen: 22.355 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

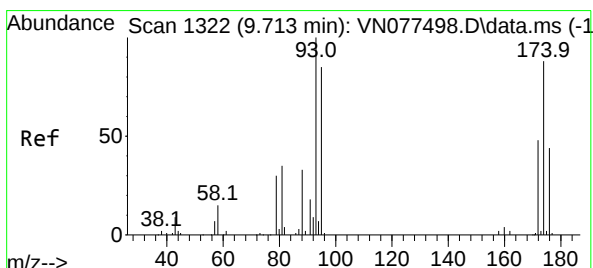
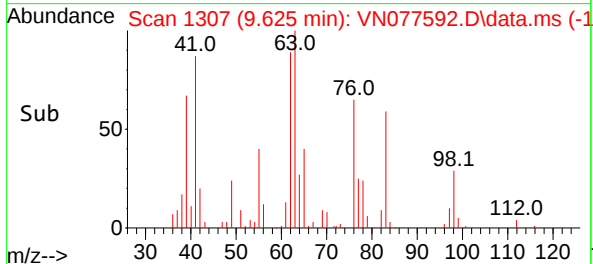
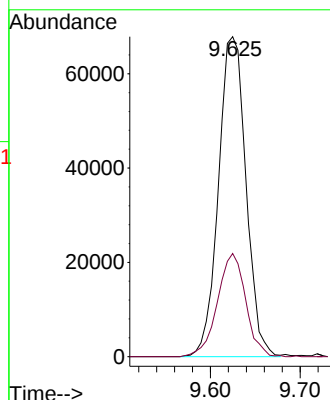
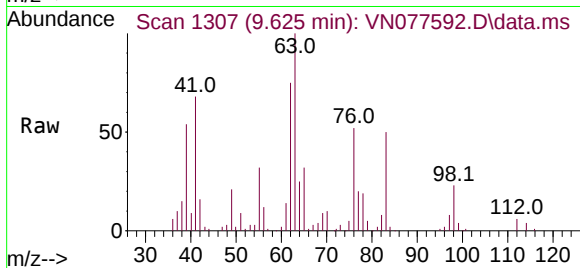
VN0505WBSD01

Tgt Ion: 63 Resp: 144446

Ion Ratio Lower Upper

63 100

65 32.3 24.1 36.1



#40

Dibromomethane

Concen: 21.889 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

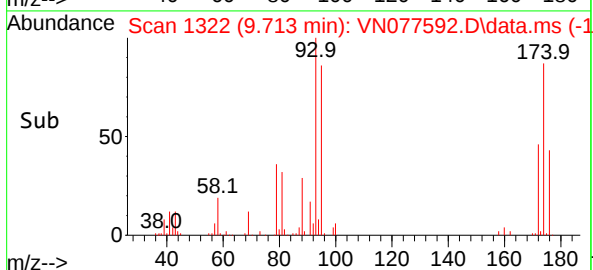
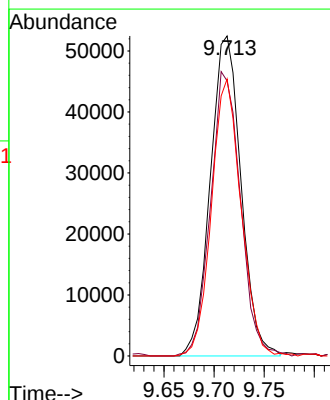
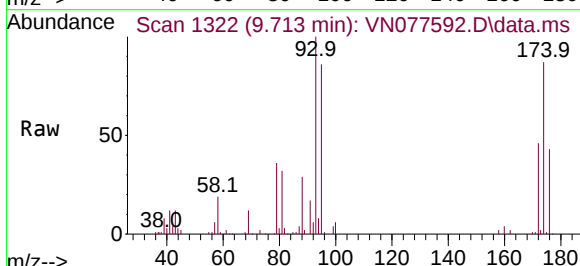
Tgt Ion: 93 Resp: 111545

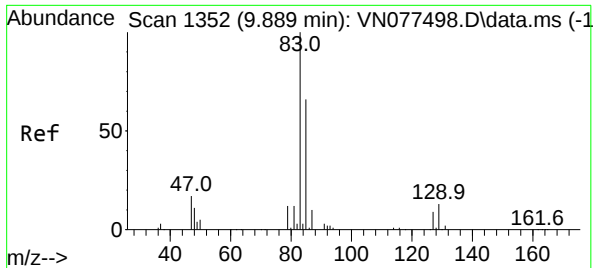
Ion Ratio Lower Upper

93 100

95 86.2 0.0 171.0

174 83.0 0.0 164.2

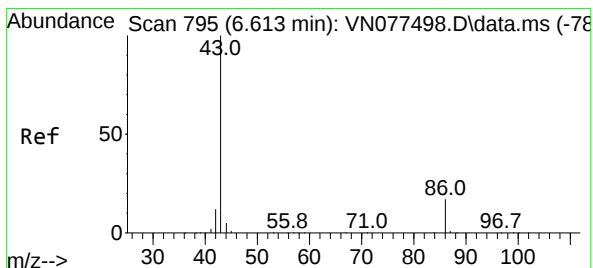
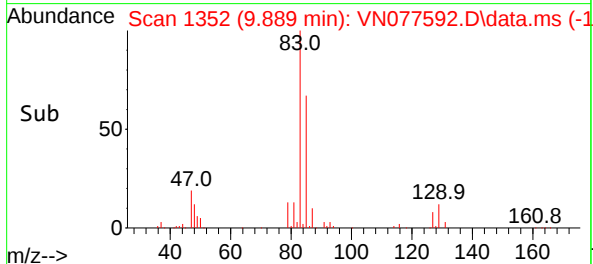
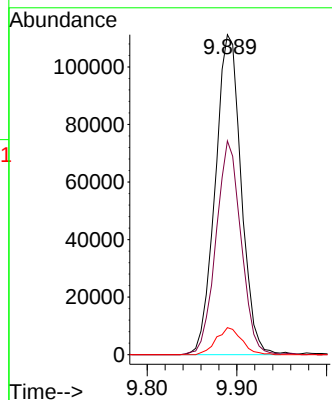
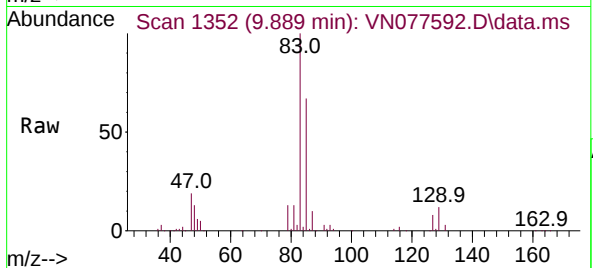




#41
Bromodichloromethane
Concen: 22.162 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

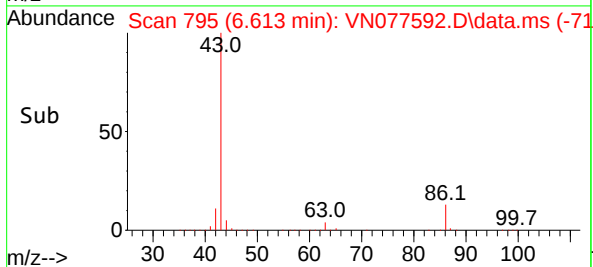
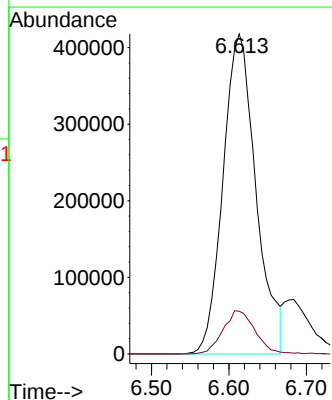
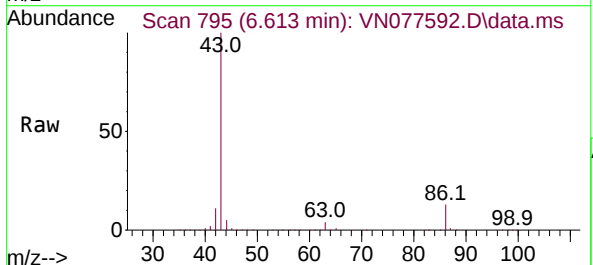
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

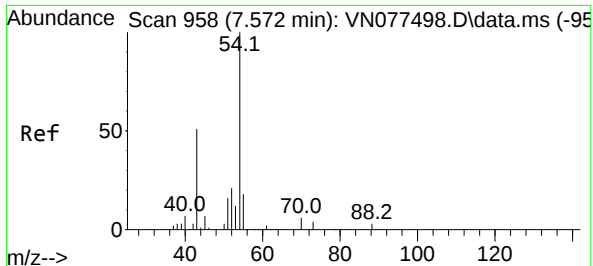
Tgt Ion: 83 Resp: 223045
Ion Ratio Lower Upper
83 100
85 66.8 49.2 73.8
127 8.5 6.1 9.1



#42
Vinyl Acetate
Concen: 118.406 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 43 Resp: 1240277
Ion Ratio Lower Upper
43 100
86 13.1 12.6 18.8

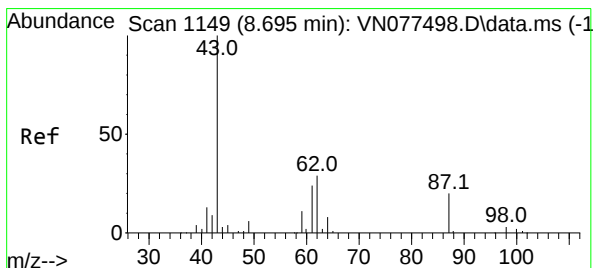
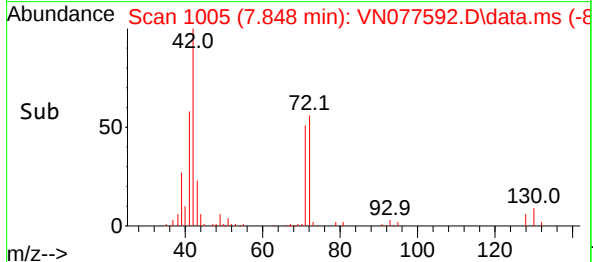
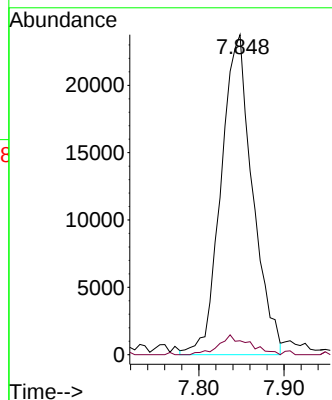
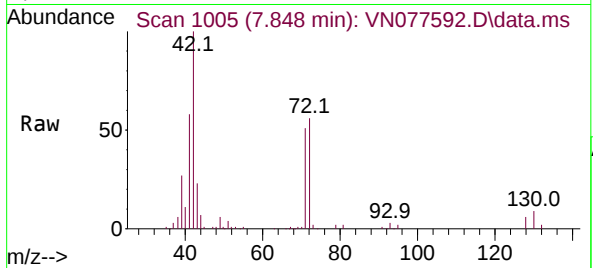




#43
Ethyl Acetate
Concen: 9.496 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.276 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

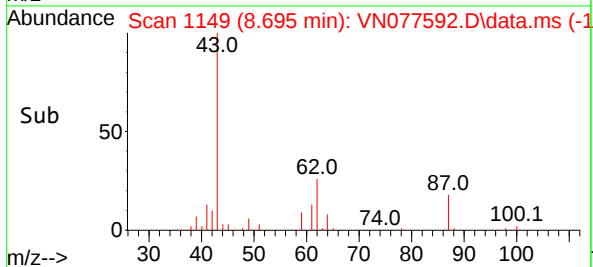
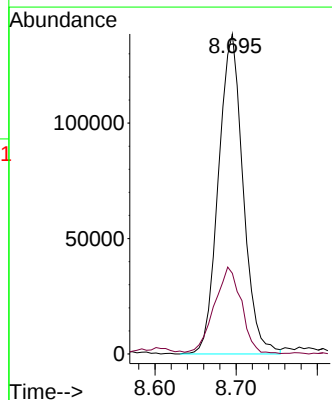
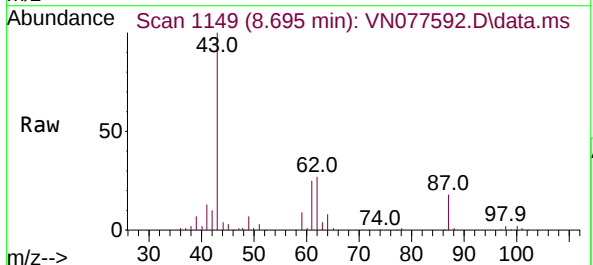
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

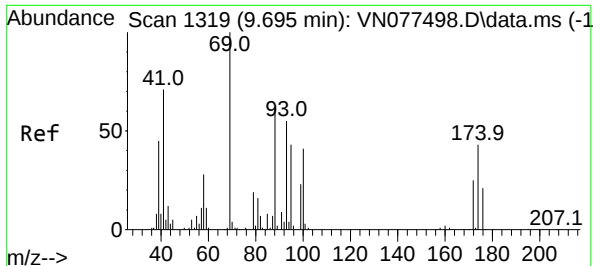
Tgt Ion: 43 Resp: 61130
Ion Ratio Lower Upper
43 100
45 5.8 4.8 7.2



#44
Isopropyl Acetate
Concen: 25.650 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 43 Resp: 292509
Ion Ratio Lower Upper
43 100
61 29.9 27.2 40.8

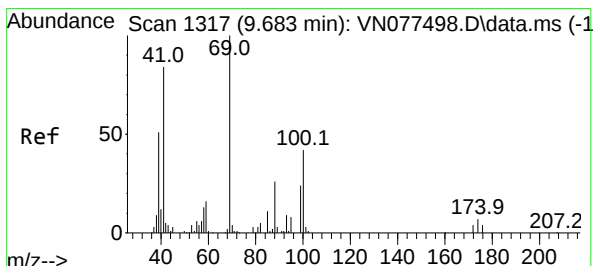
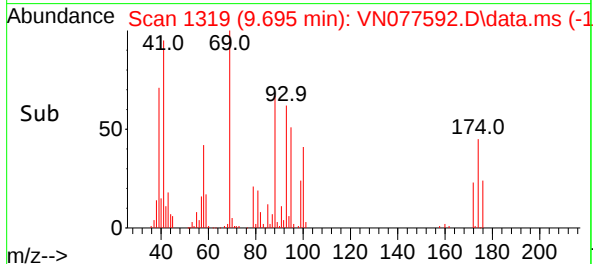
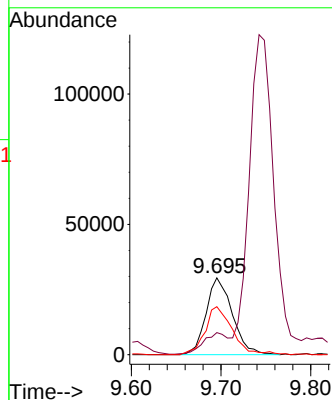
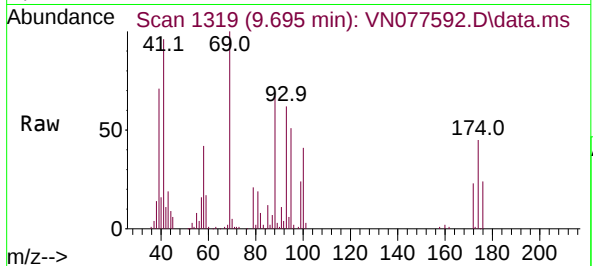




#45
1,4-Dioxane
Concen: 432.861 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

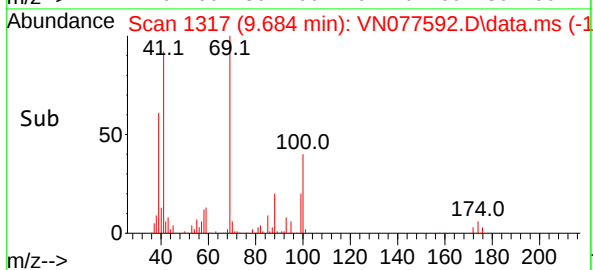
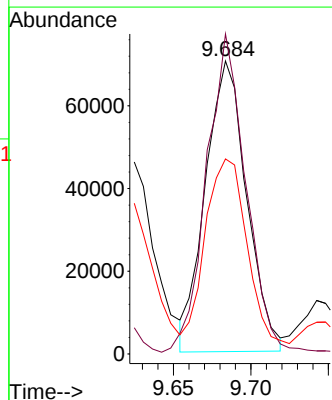
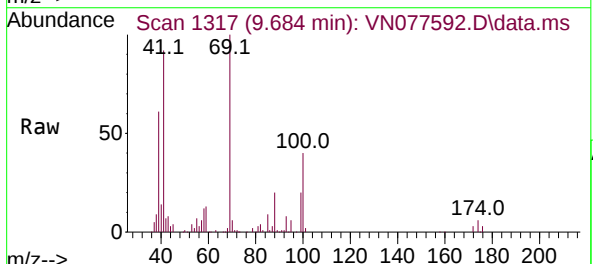
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

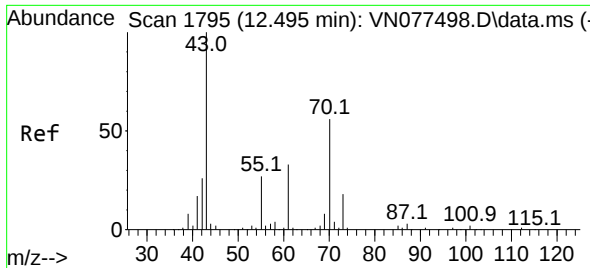
Tgt Ion: 88 Resp: 59864
Ion Ratio Lower Upper
88 100
43 24.7 16.6 24.8
58 63.6 47.3 70.9



#46
Methyl methacrylate
Concen: 25.079 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 41 Resp: 130158
Ion Ratio Lower Upper
41 100
69 111.9 59.2 177.6
39 65.5 33.4 100.1

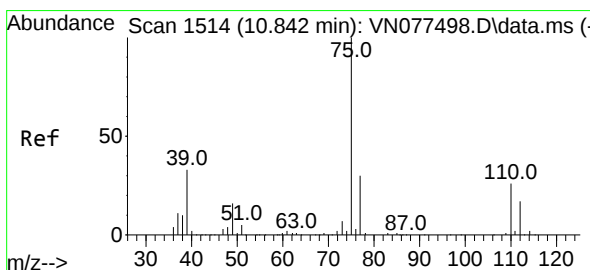
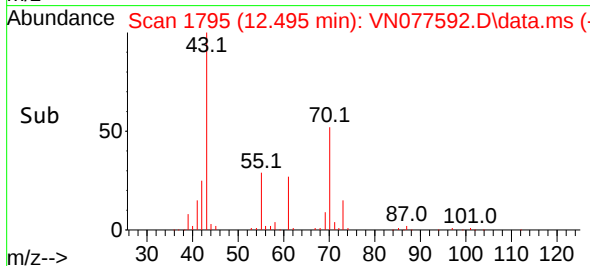
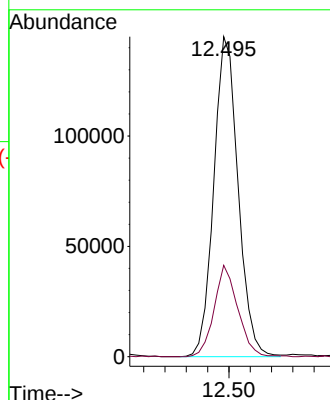
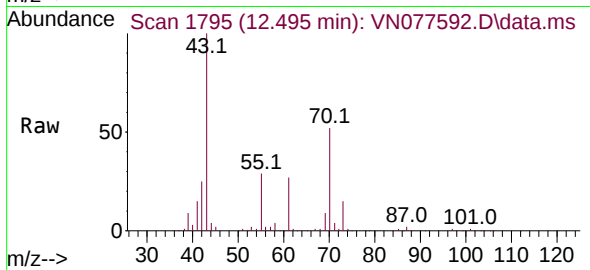




#47
n-amyl acetate
Concen: 25.138 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

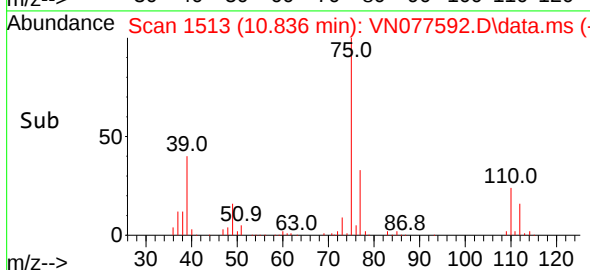
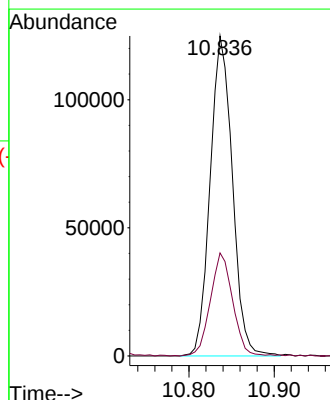
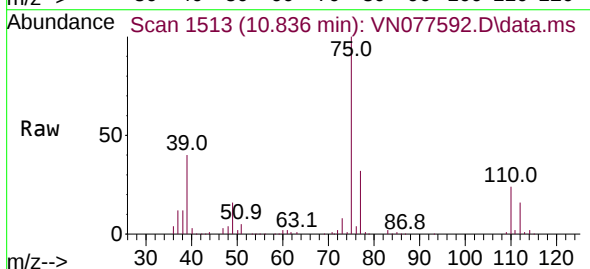
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

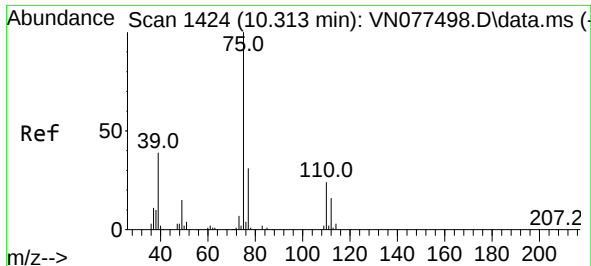
Tgt Ion: 43 Resp: 229797
Ion Ratio Lower Upper
43 100
55 27.8 22.2 33.2



#48
t-1,3-Dichloropropene
Concen: 22.081 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 75 Resp: 226254
Ion Ratio Lower Upper
75 100
77 32.2 23.9 35.9

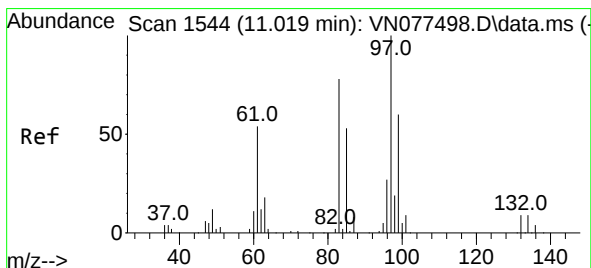
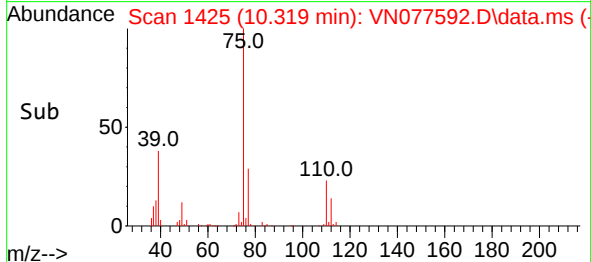
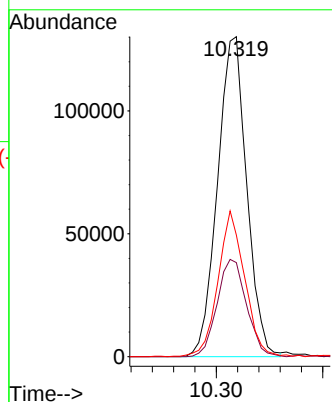
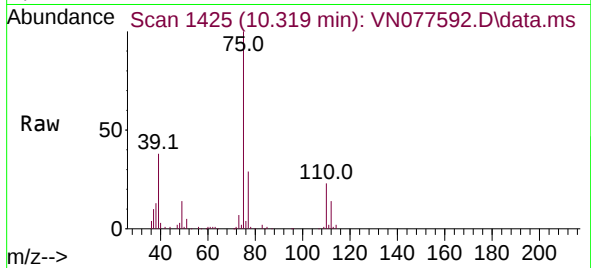




#49
cis-1,3-Dichloropropene
Concen: 22.393 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

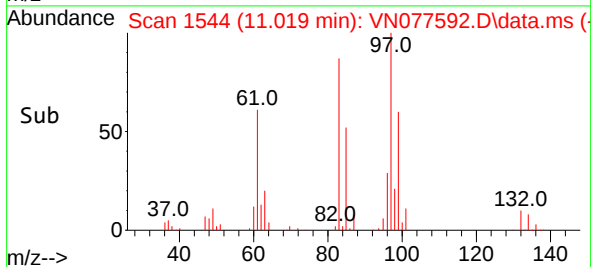
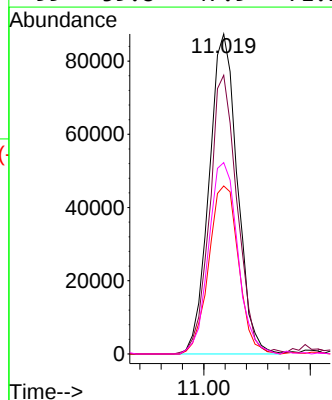
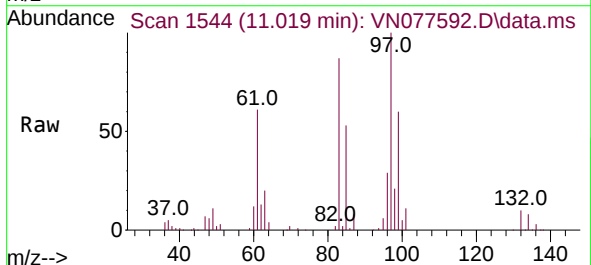
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

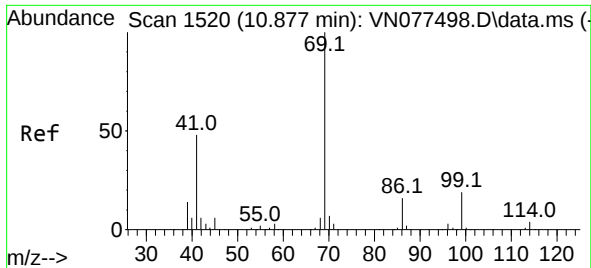
Tgt Ion: 75 Resp: 247688
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.8
39 37.8 28.5 42.7



#50
1,1,2-Trichloroethane
Concen: 22.280 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 97 Resp: 161165
Ion Ratio Lower Upper
97 100
83 86.6 67.0 100.6
85 52.5 41.6 62.4
99 59.8 47.9 71.9

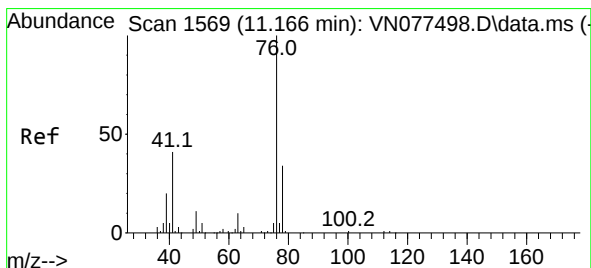
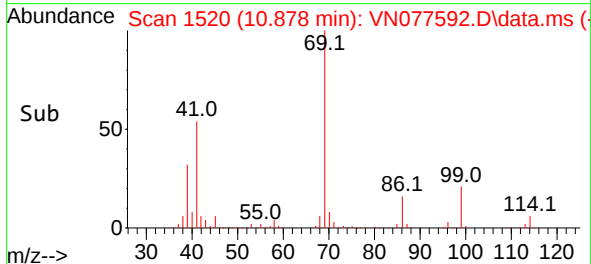
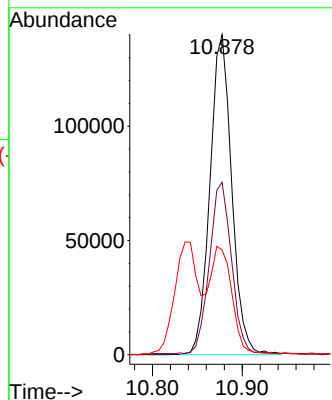
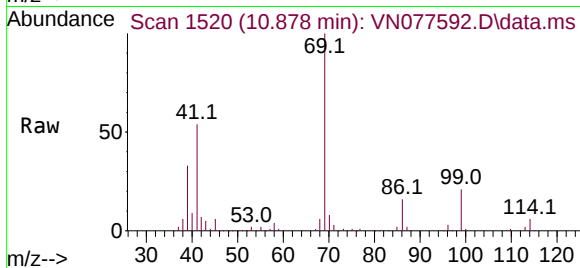




#51
Ethyl methacrylate
Concen: 23.582 ug/l
RT: 10.878 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

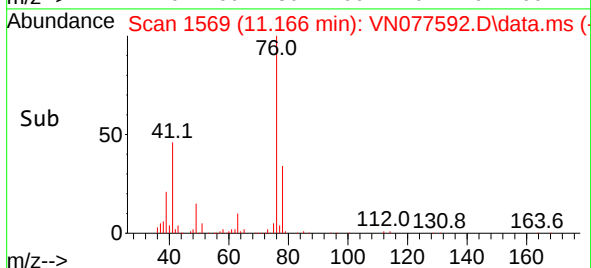
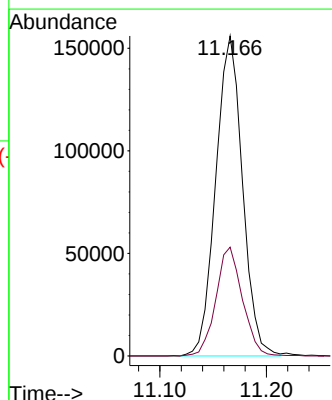
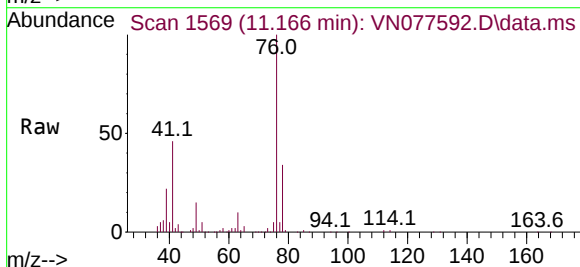
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

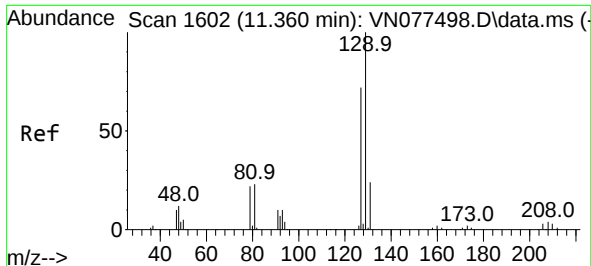
Tgt Ion: 69 Resp: 236170
Ion Ratio Lower Upper
69 100
41 53.5 22.5 67.5
39 32.4 16.2 48.5



#52
1,3-Dichloropropane
Concen: 23.162 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 76 Resp: 271892
Ion Ratio Lower Upper
76 100
78 33.6 0.0 64.4

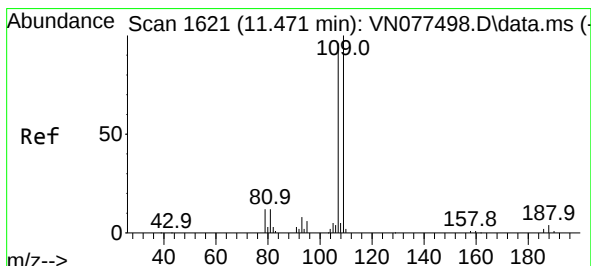
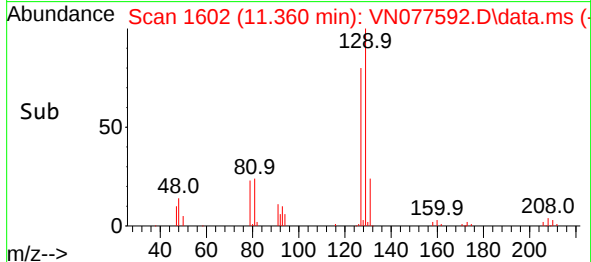
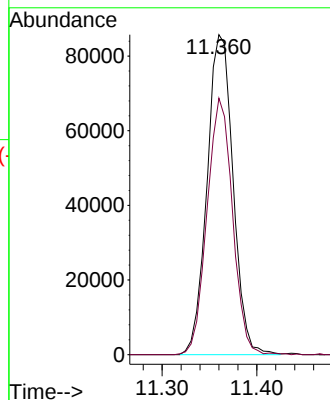
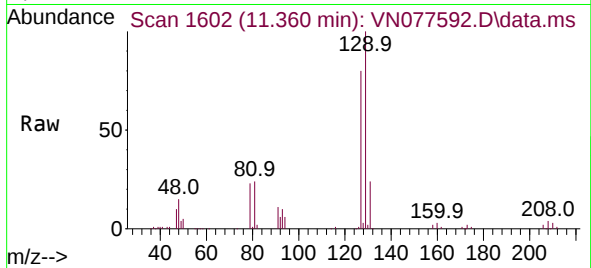




#53
Dibromochloromethane
Concen: 21.967 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

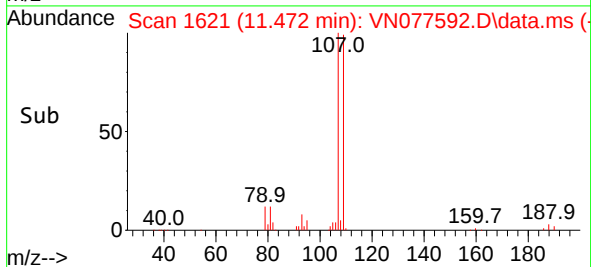
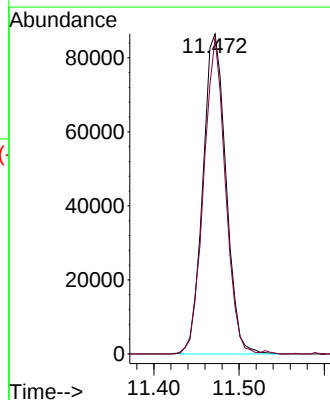
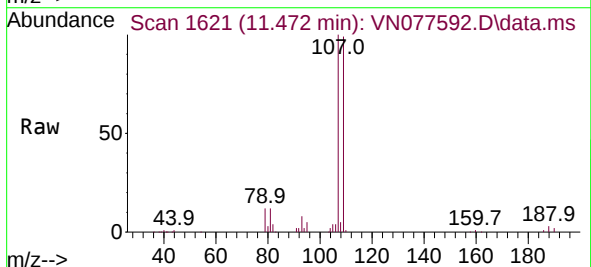
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

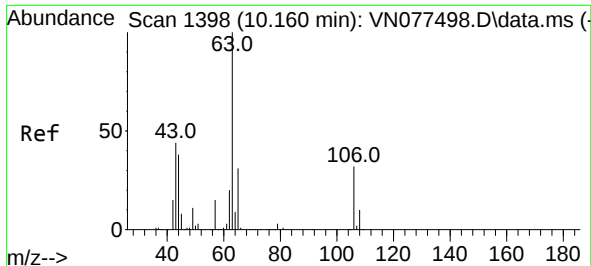
Tgt Ion:129 Resp: 163598
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6



#54
1,2-Dibromoethane
Concen: 21.965 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:107 Resp: 162601
Ion Ratio Lower Upper
107 100
109 93.1 73.8 110.6

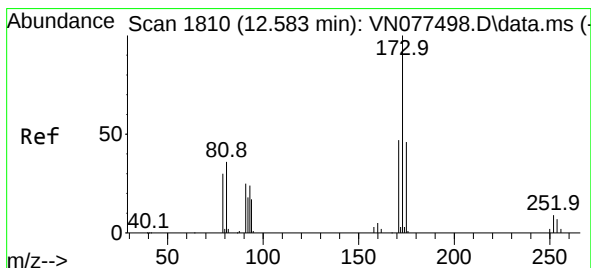
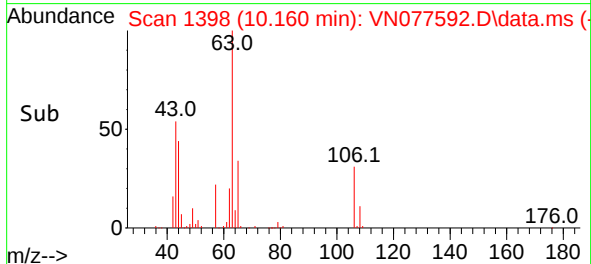
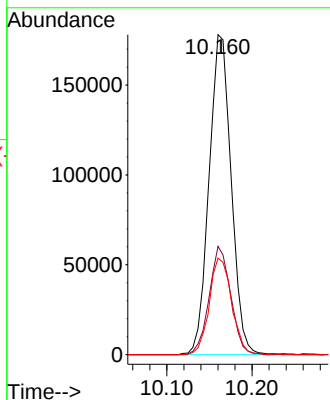
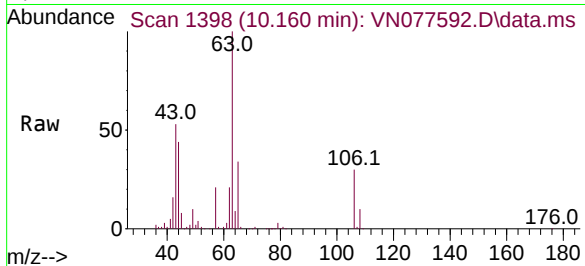




#55
2-Chloroethyl vinyl ether
Concen: 97.880 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

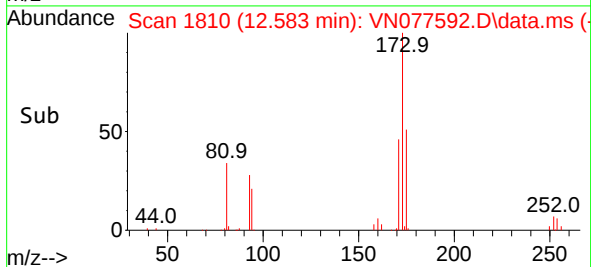
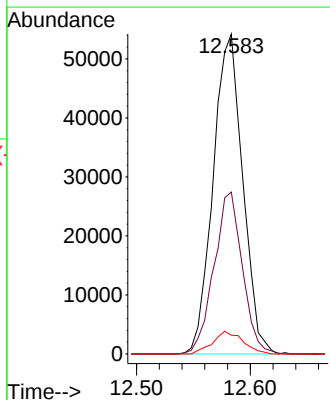
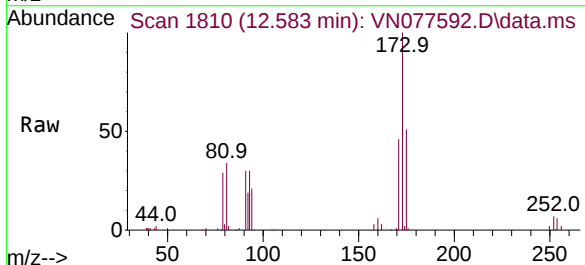
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

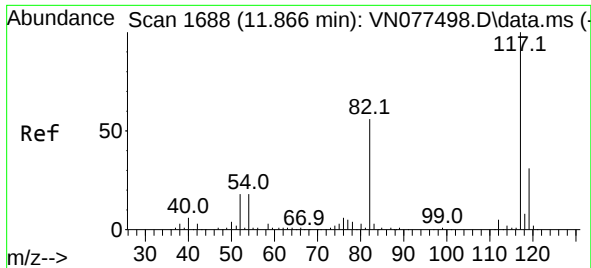
Tgt Ion: 63 Resp: 321668
Ion Ratio Lower Upper
63 100
65 33.0 25.8 38.6
106 30.4 26.2 39.2



#56
Bromoform
Concen: 21.084 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 173 Resp: 97939
Ion Ratio Lower Upper
173 100
175 48.6 40.3 60.5
254 7.2 5.0 7.6

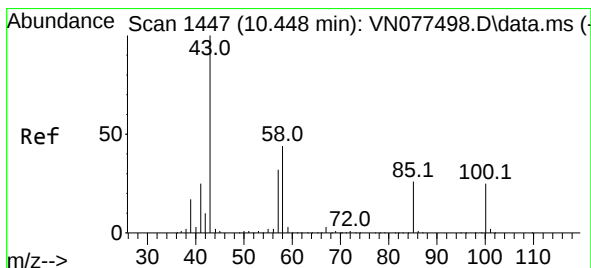
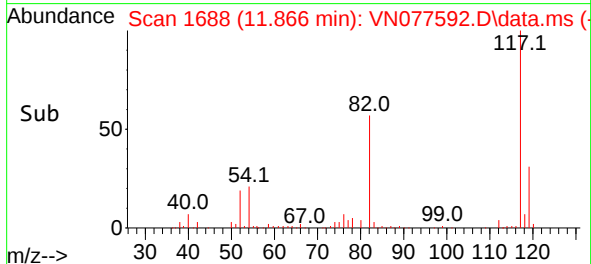
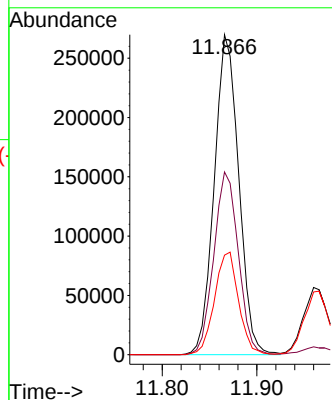
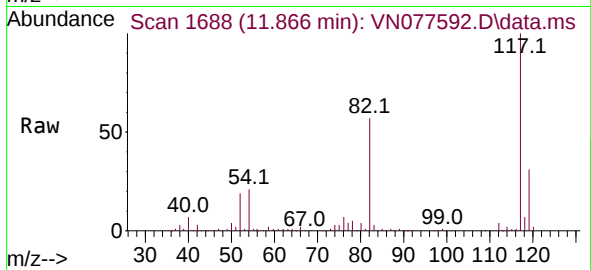




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

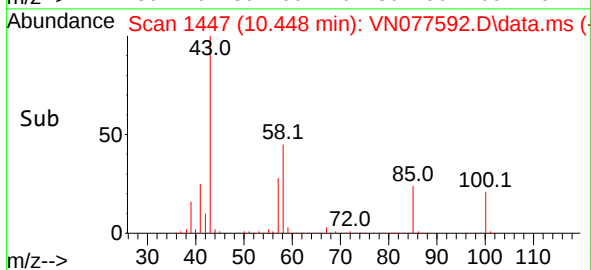
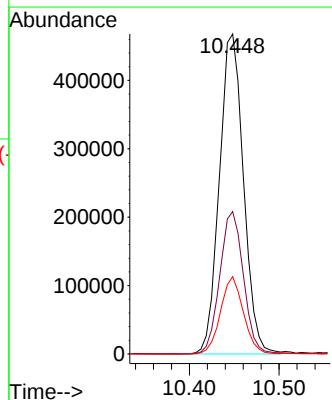
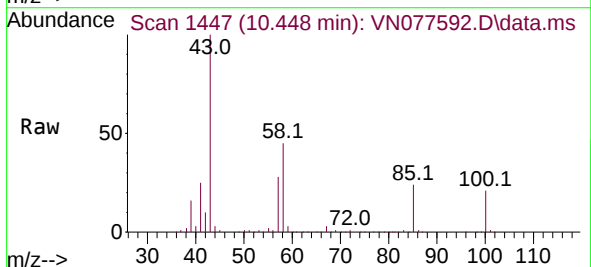
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

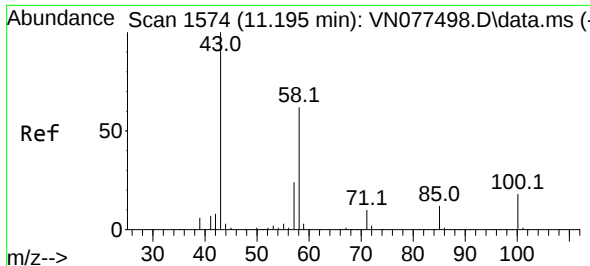
Tgt Ion:117 Resp: 484828
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 31.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 124.979 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 43 Resp: 872635
Ion Ratio Lower Upper
43 100
58 43.8 37.2 55.8
85 22.9 21.1 31.7

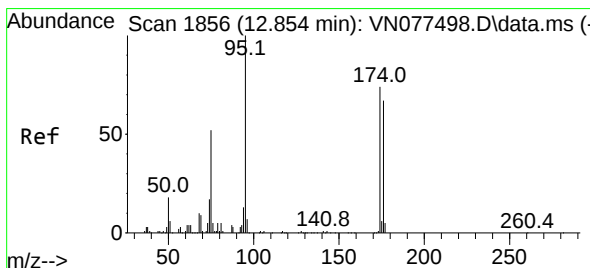
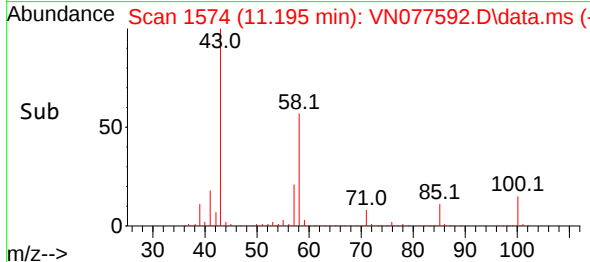
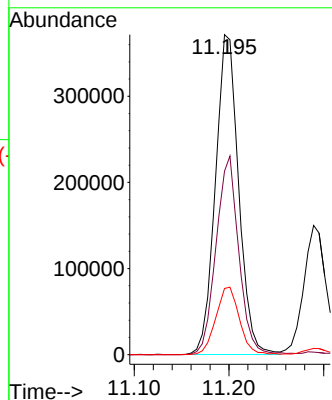
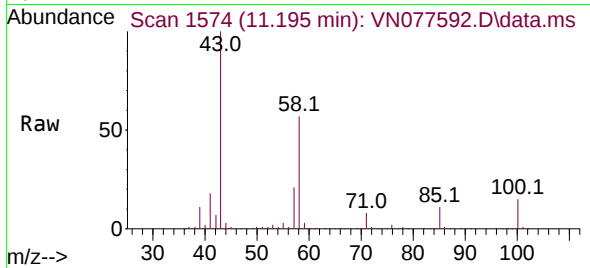




#59
2-Hexanone
Concen: 123.285 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

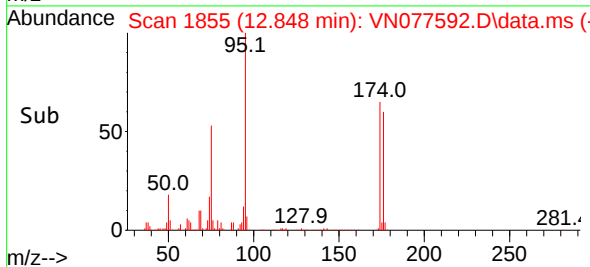
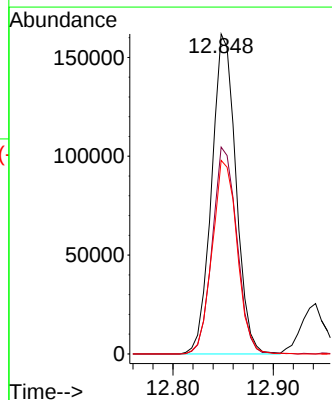
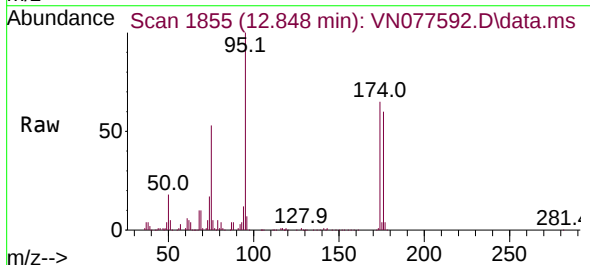
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

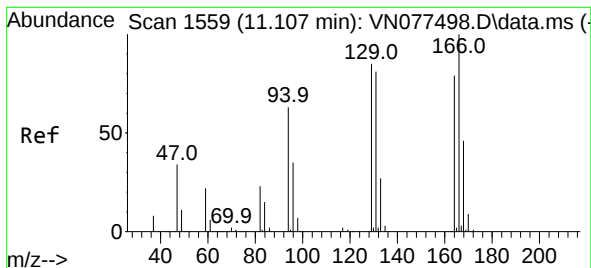
Tgt Ion: 43 Resp: 634200
Ion Ratio Lower Upper
43 100
58 60.5 51.8 77.8
57 21.5 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 32.038 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 95 Resp: 272128
Ion Ratio Lower Upper
95 100
174 65.5 55.9 83.9
176 62.3 53.9 80.9





#61

Tetrachloroethene

Concen: 19.065 ug/l

RT: 11.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

Tgt Ion:164 Resp: 107966

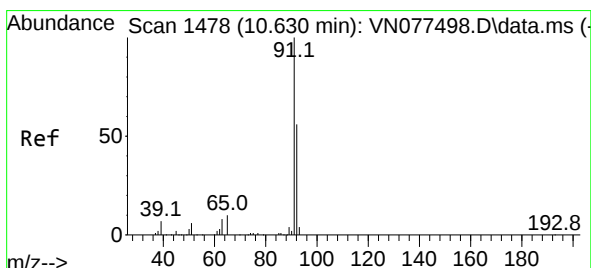
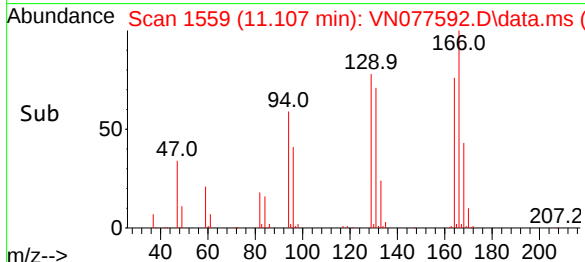
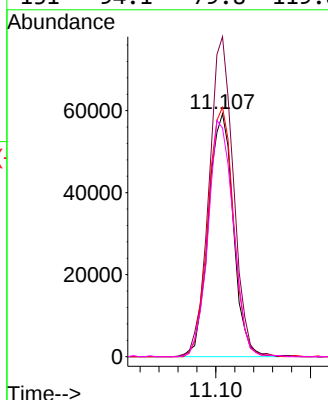
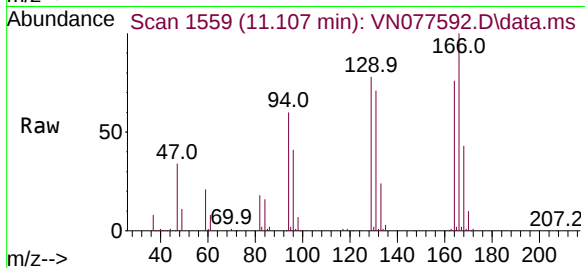
Ion Ratio Lower Upper

164 100

166 131.8 94.5 141.7

129 102.7 80.2 120.2

131 94.1 79.8 119.8



#62

Toluene

Concen: 20.316 ug/l

RT: 10.631 min Scan# 1478

Delta R.T. 0.001 min

Lab File: VN077592.D

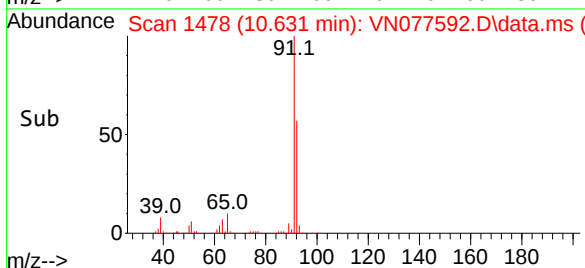
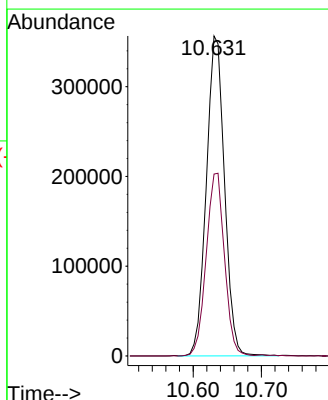
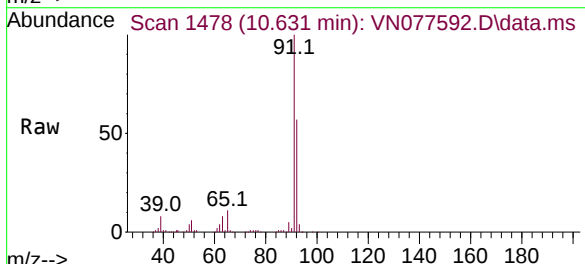
Acq: 05 May 2023 14:53

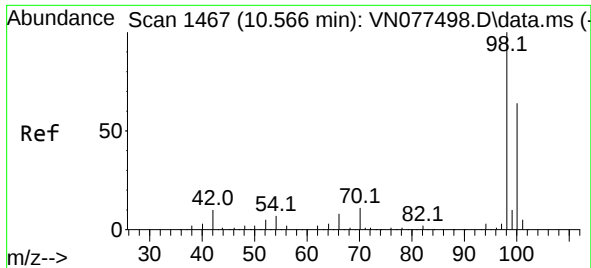
Tgt Ion: 91 Resp: 662437

Ion Ratio Lower Upper

91 100

92 57.4 46.1 69.1

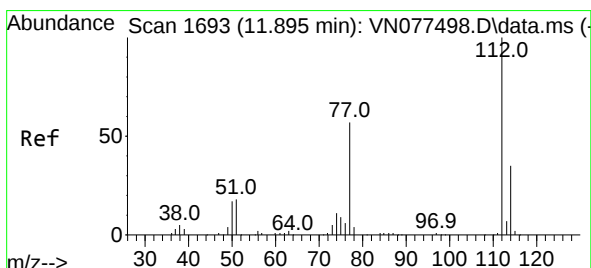
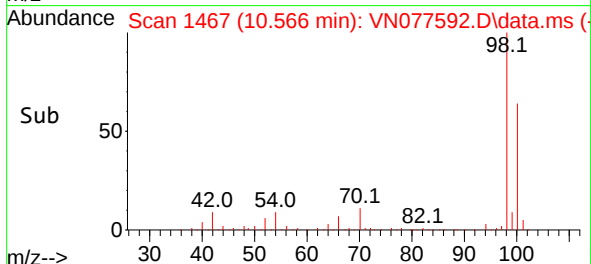
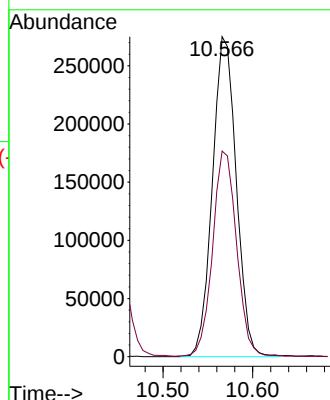
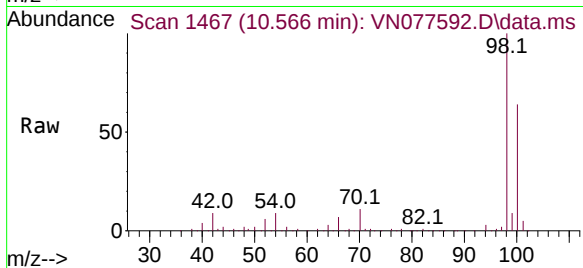




#63
Toluene-d8
Concen: 29.760 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

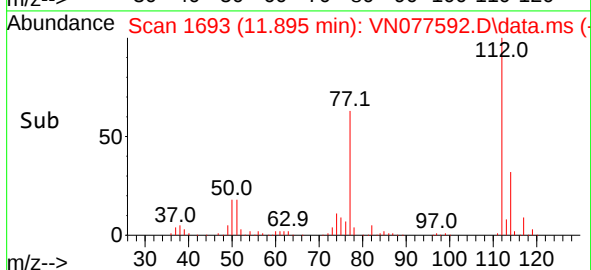
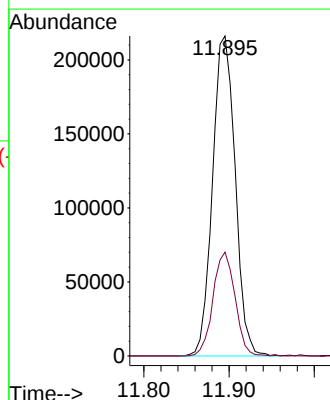
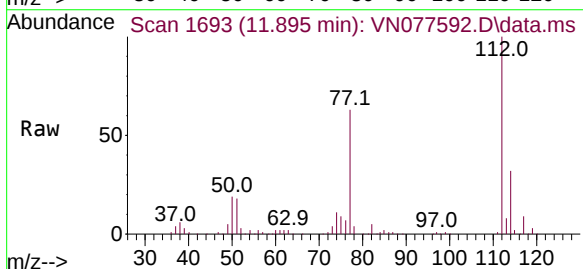
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

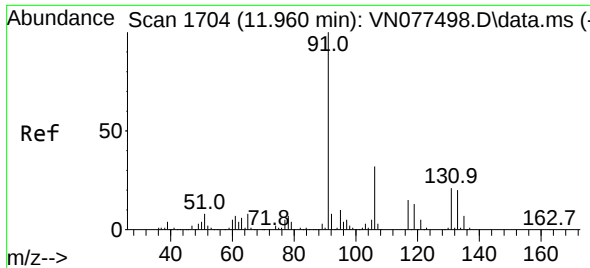
Tgt Ion: 98 Resp: 508415
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.4



#64
Chlorobenzene
Concen: 20.059 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 112 Resp: 399569
Ion Ratio Lower Upper
112 100
114 32.5 23.9 35.9

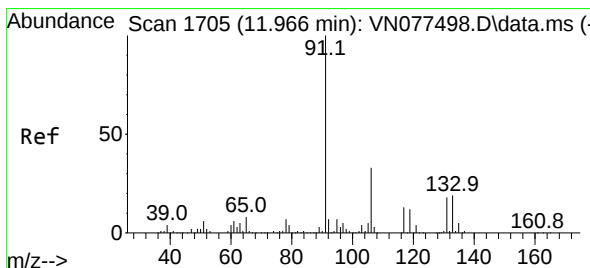
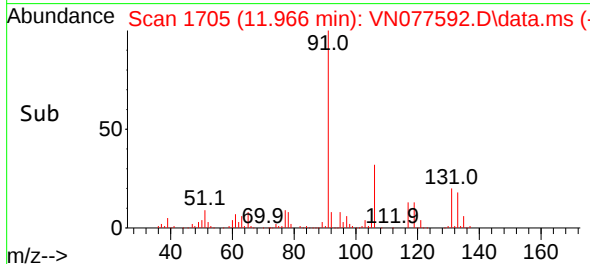
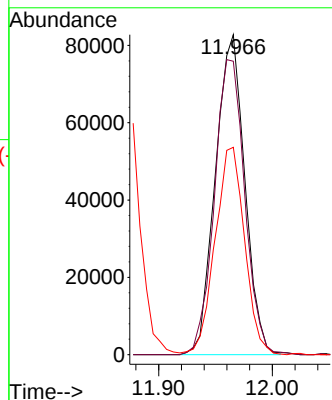
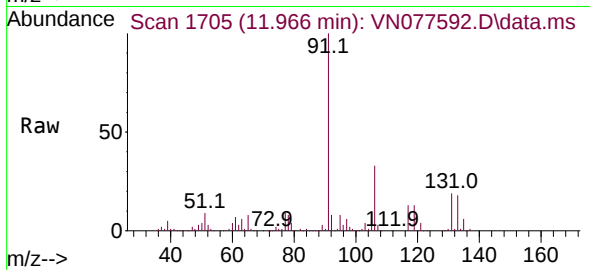




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.910 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. 0.006 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

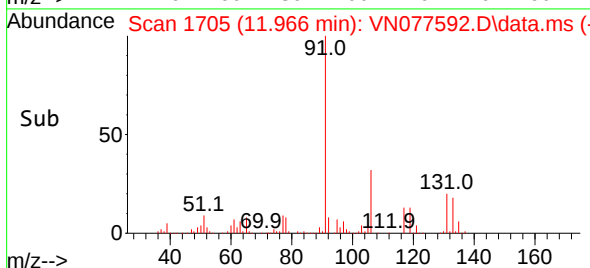
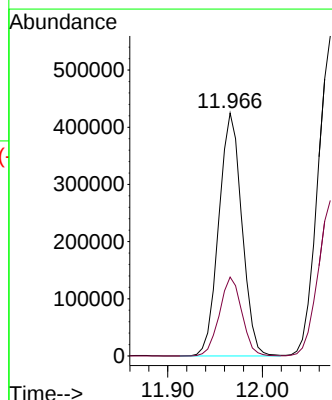
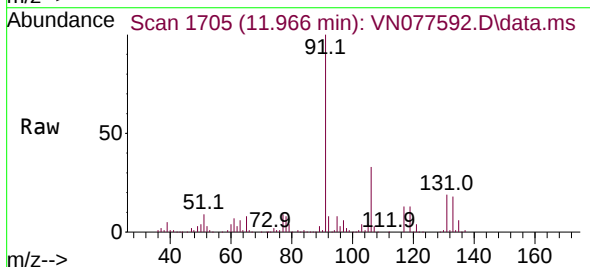
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

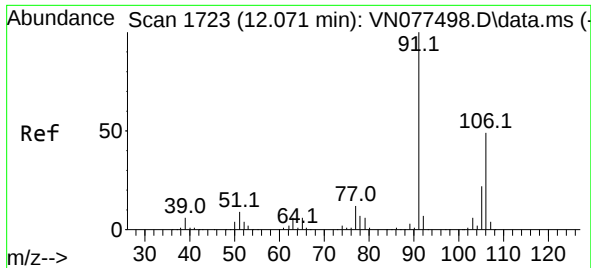
Tgt Ion:131 Resp: 148852
 Ion Ratio Lower Upper
 131 100
 133 95.3 0.0 191.4
 119 65.1 0.0 137.2



#66
 Ethyl Benzene
 Concen: 20.246 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

Tgt Ion: 91 Resp: 720843
 Ion Ratio Lower Upper
 91 100
 106 32.5 24.9 37.3

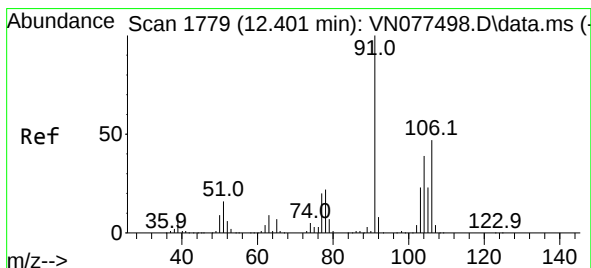
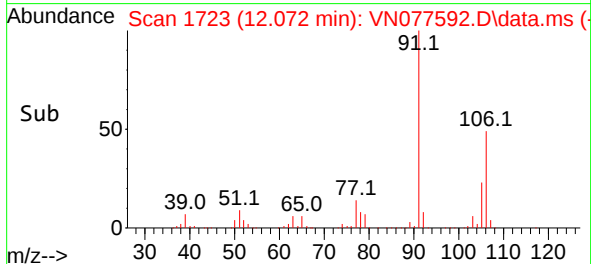
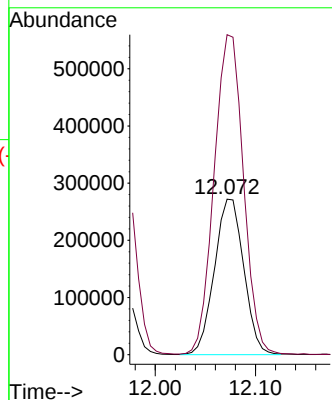
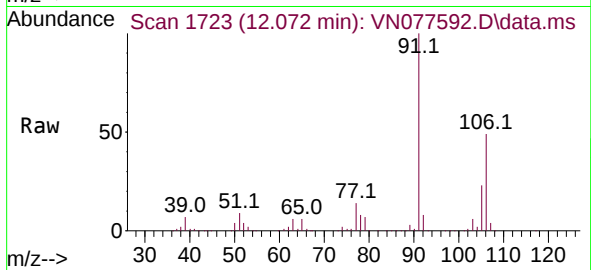




#67
m/p-Xylenes
Concen: 39.819 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

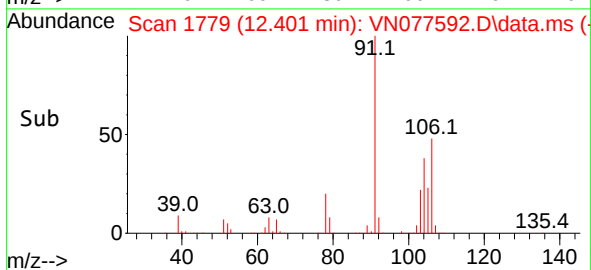
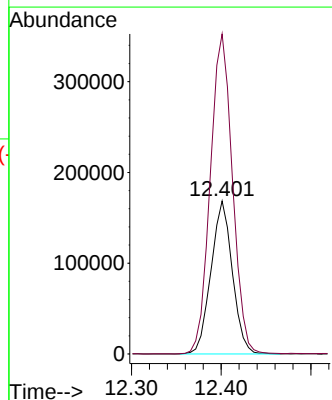
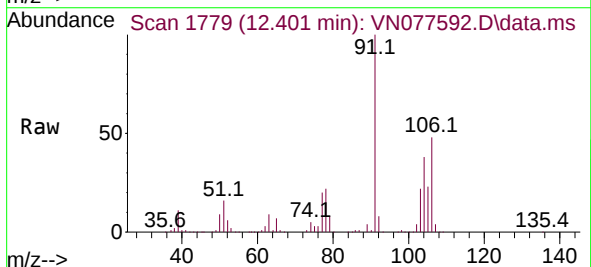
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

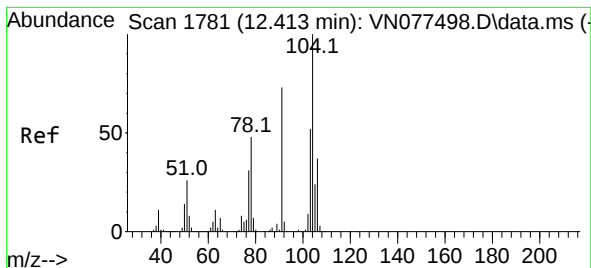
Tgt Ion:106 Resp: 552064
Ion Ratio Lower Upper
106 100
91 206.3 157.9 236.9



#68
o-Xylene
Concen: 20.257 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:106 Resp: 278967
Ion Ratio Lower Upper
106 100
91 217.1 104.6 313.8





#69

Styrene

Concen: 20.886 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

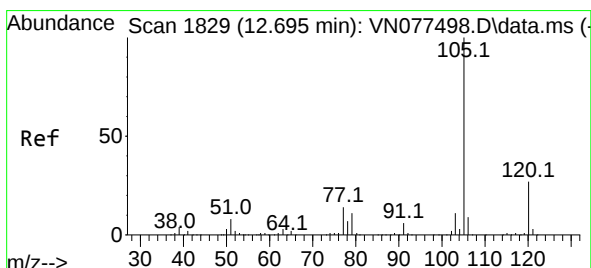
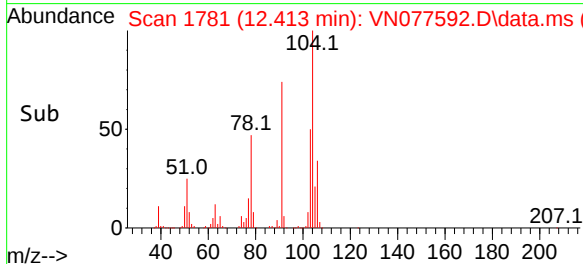
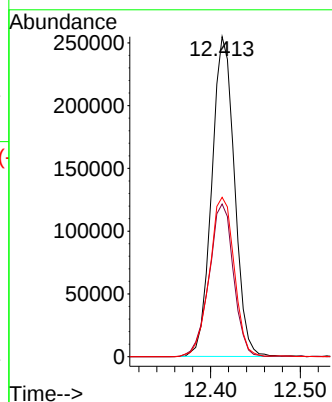
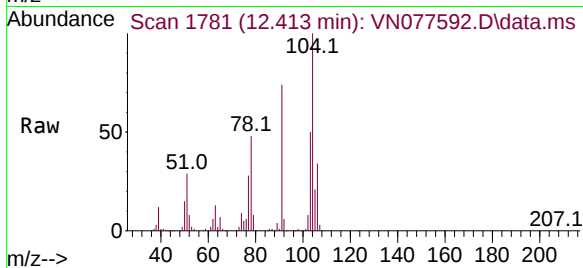
Tgt Ion:104 Resp: 447263

Ion Ratio Lower Upper

104 100

78 51.4 39.3 58.9

103 54.5 44.6 66.8



#70

Isopropylbenzene

Concen: 20.239 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077592.D

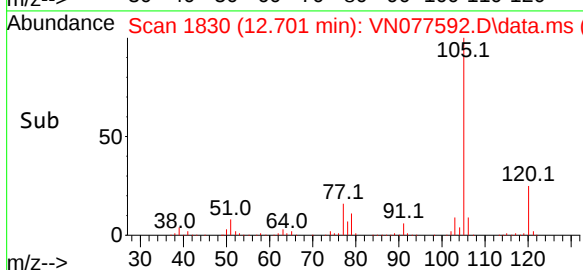
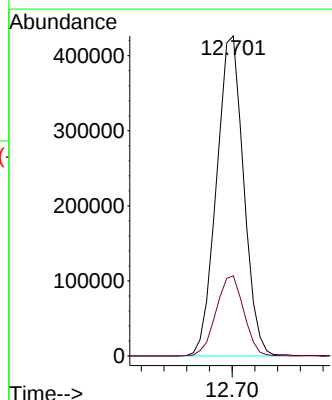
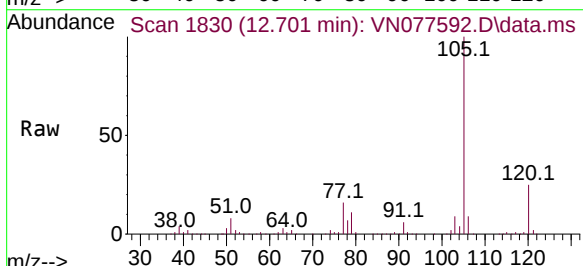
Acq: 05 May 2023 14:53

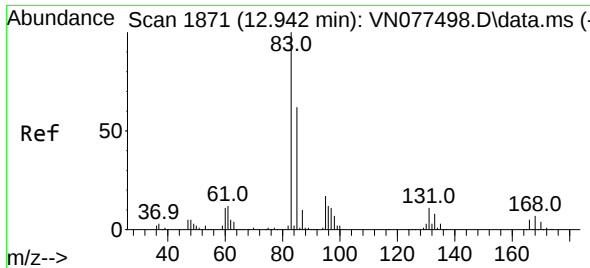
Tgt Ion:105 Resp: 707489

Ion Ratio Lower Upper

105 100

120 25.6 18.7 34.7

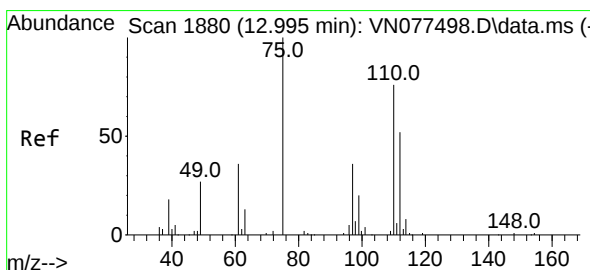
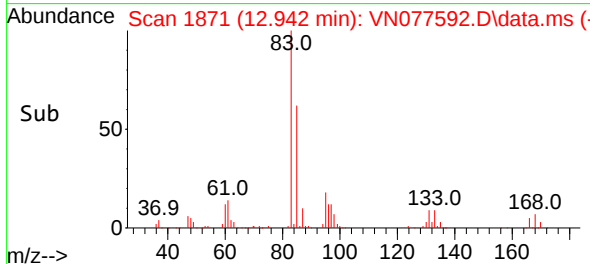
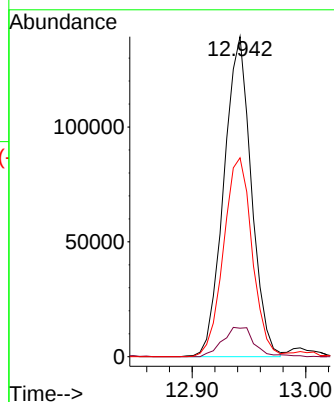
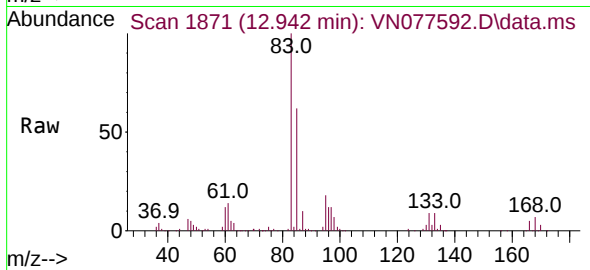




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.984 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

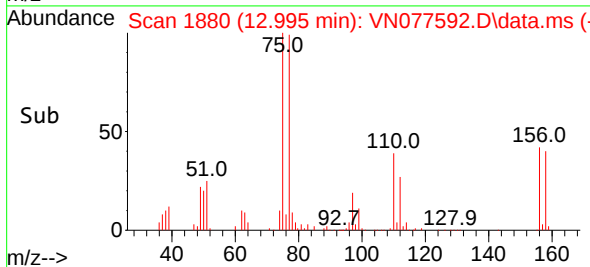
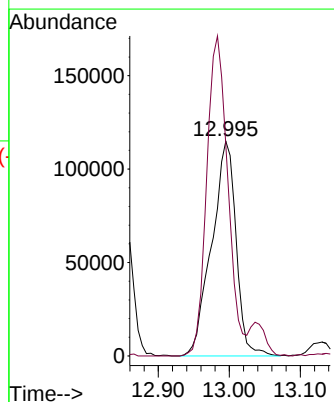
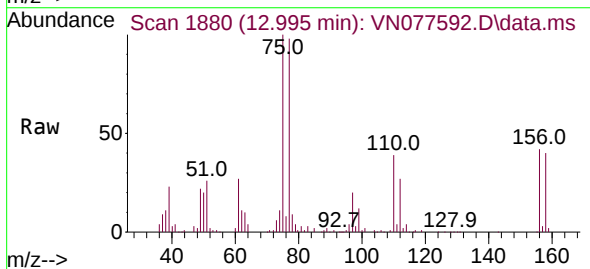
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

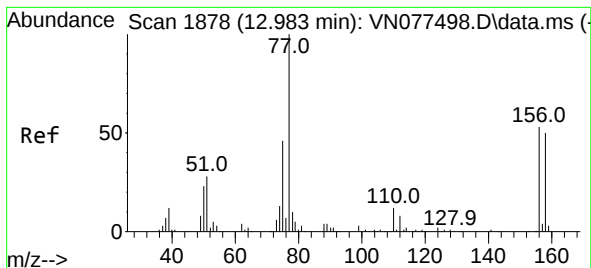
Tgt Ion: 83 Resp: 234083
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.8 14.3
 85 64.7 31.6 94.8



#72
 1,2,3-Trichloropropane
 Concen: 30.219 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

Tgt Ion: 75 Resp: 273714
 Ion Ratio Lower Upper
 75 100
 77 129.3 0.0 367.2





#73

Bromobenzene

Concen: 20.350 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

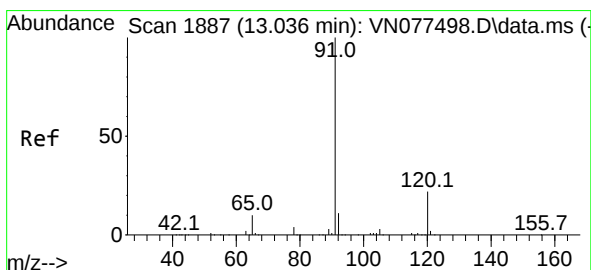
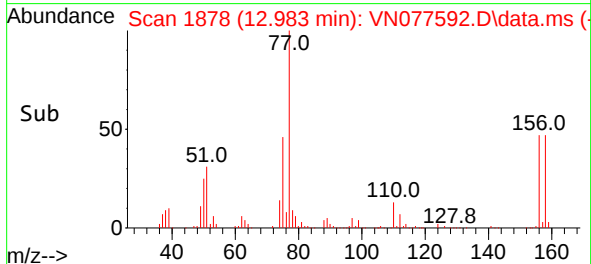
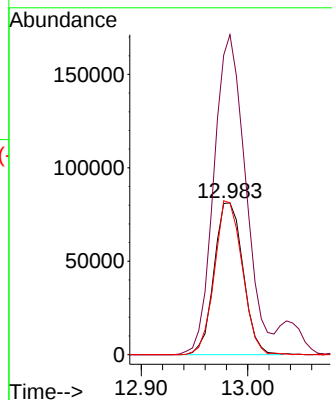
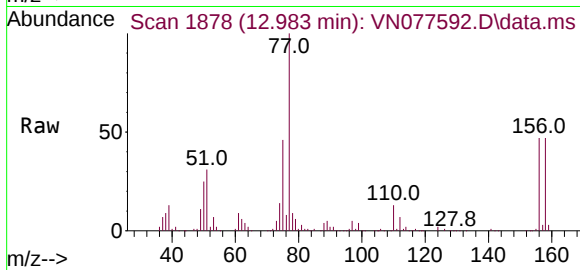
Tgt Ion:156 Resp: 152978

Ion Ratio Lower Upper

156 100

77 231.4 0.0 431.6

158 97.2 0.0 192.4



#74

n-propylbenzene

Concen: 20.009 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077592.D

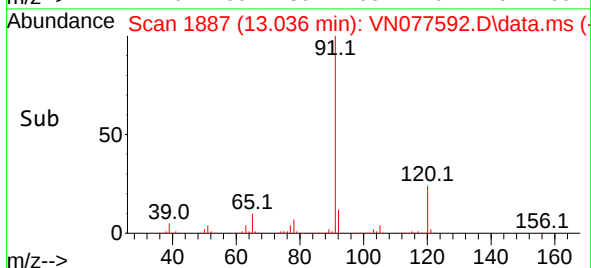
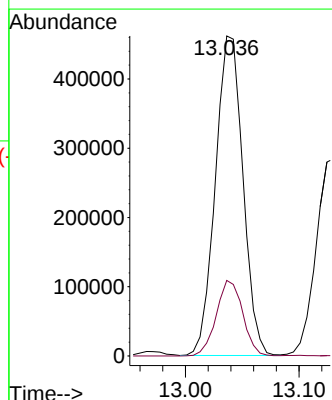
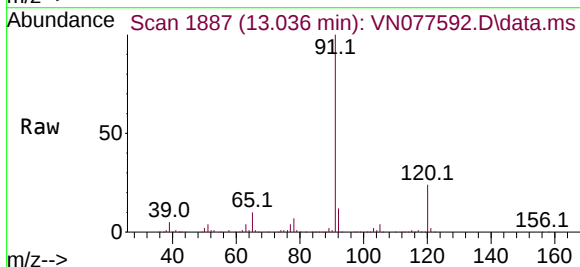
Acq: 05 May 2023 14:53

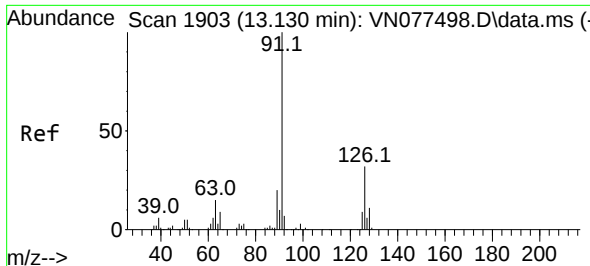
Tgt Ion: 91 Resp: 778328

Ion Ratio Lower Upper

91 100

120 22.7 0.0 46.4

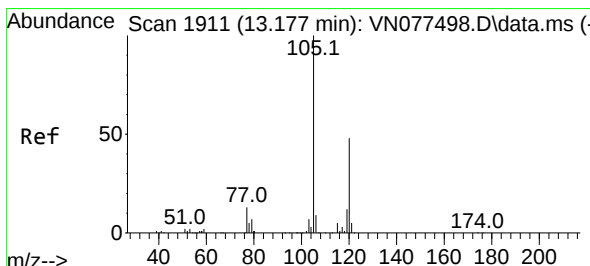
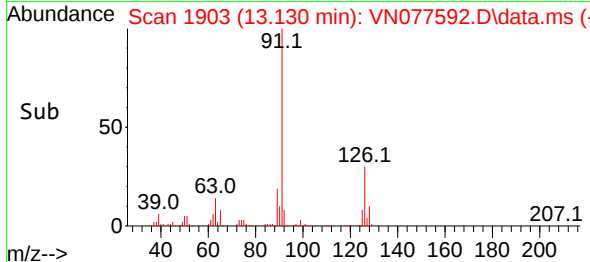
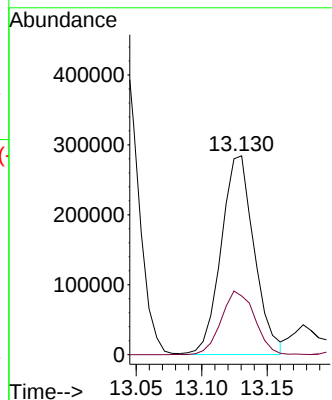
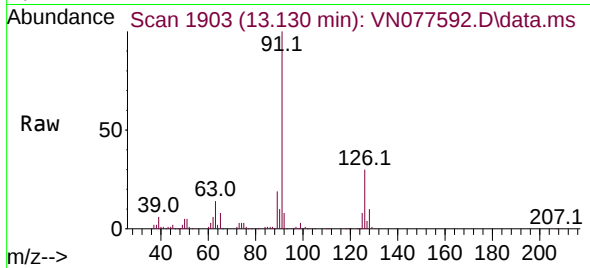




#75
2-Chlorotoluene
Concen: 20.771 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

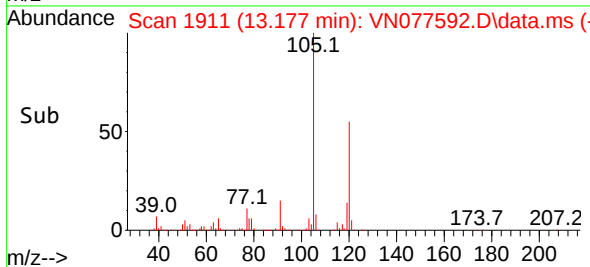
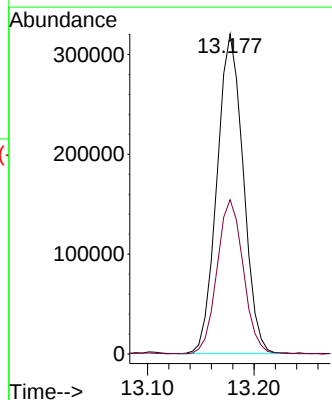
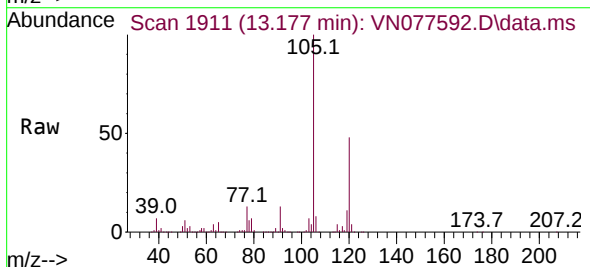
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

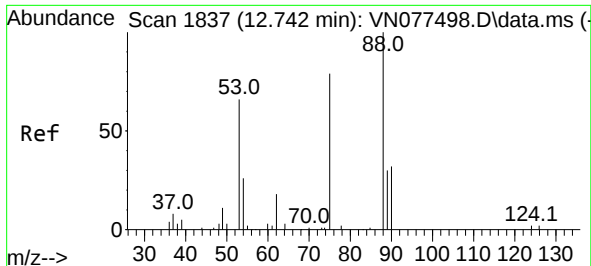
Tgt Ion: 91 Resp: 498348
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.2



#76
1,3,5-Trimethylbenzene
Concen: 20.345 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion: 105 Resp: 548195
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.978 ug/l

RT: 12.736 min Scan# 1836

Delta R.T. -0.006 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

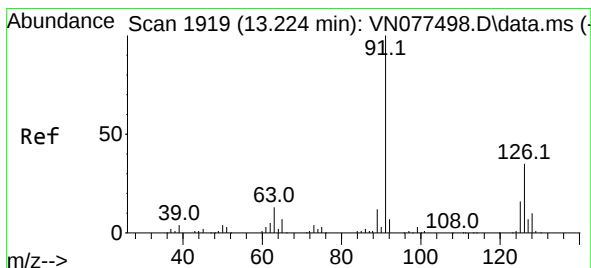
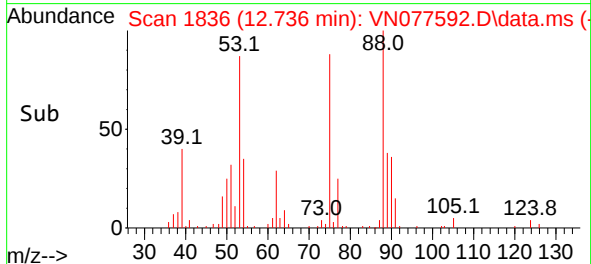
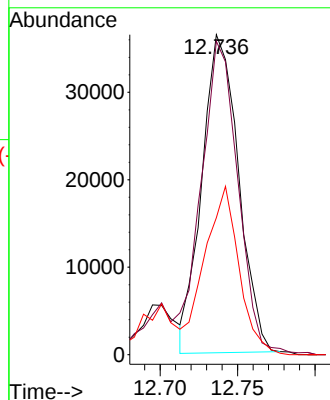
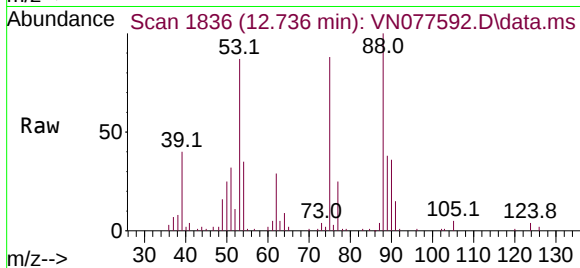
Tgt Ion: 75 Resp: 59767

Ion Ratio Lower Upper

75 100

53 96.9 38.2 114.6

89 42.7 22.1 66.1



#78

4-Chlorotoluene

Concen: 20.413 ug/l

RT: 13.225 min Scan# 1919

Delta R.T. 0.001 min

Lab File: VN077592.D

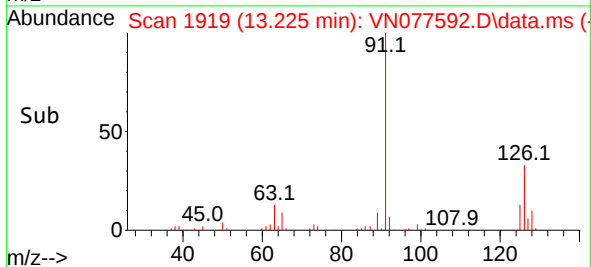
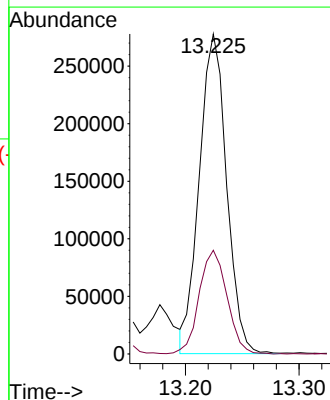
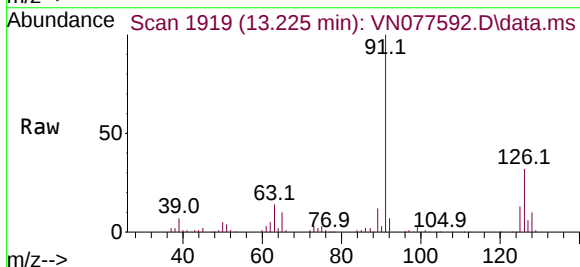
Acq: 05 May 2023 14:53

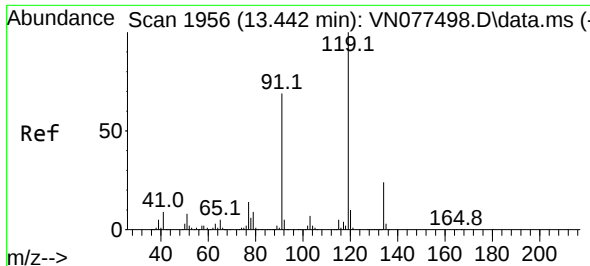
Tgt Ion: 91 Resp: 463665

Ion Ratio Lower Upper

91 100

126 33.1 0.0 65.6

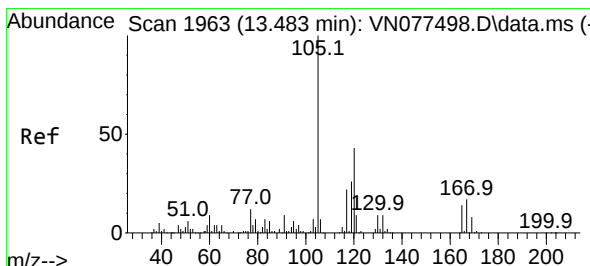
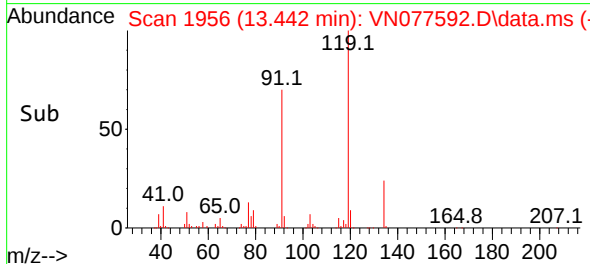
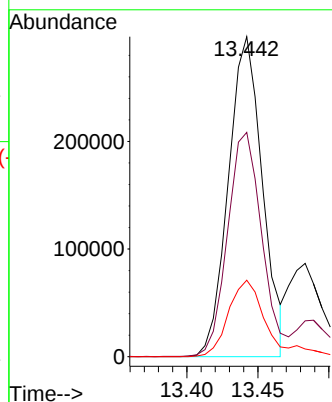
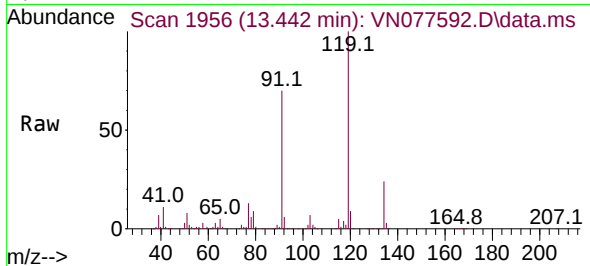




#79
tert-butylbenzene
Concen: 19.906 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

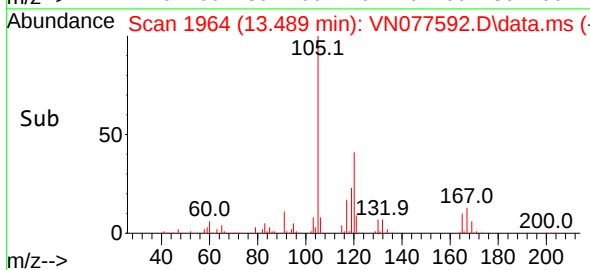
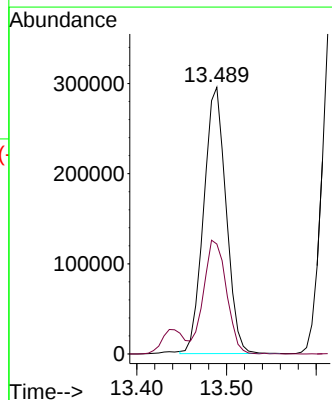
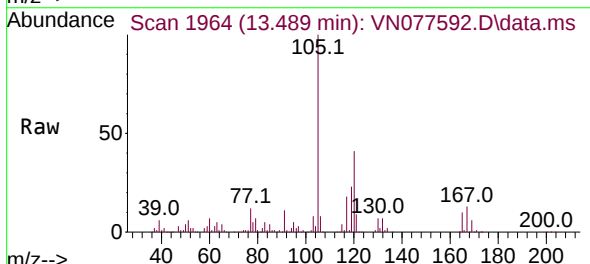
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

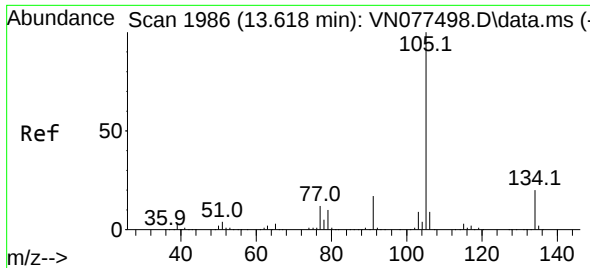
Tgt Ion:119 Resp: 496182
Ion Ratio Lower Upper
119 100
91 70.8 0.0 139.4
134 24.5 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 20.622 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:105 Resp: 511049
Ion Ratio Lower Upper
105 100
120 43.4 0.0 87.8

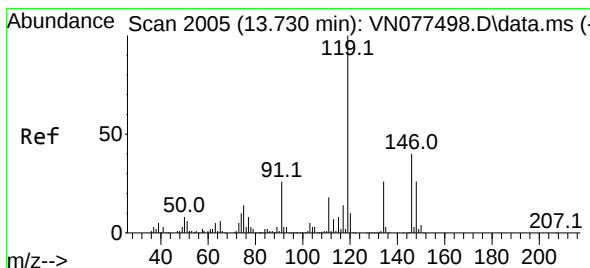
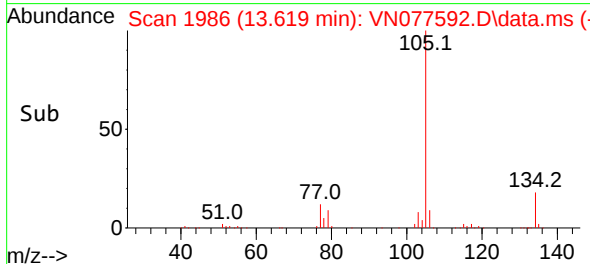
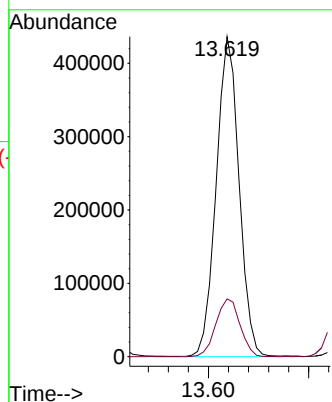
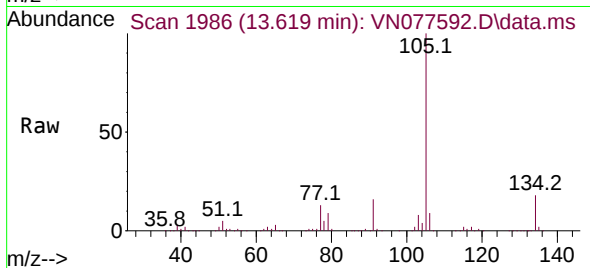




#81
 sec-Butylbenzene
 Concen: 19.829 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

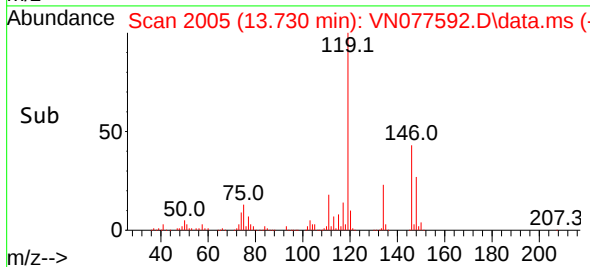
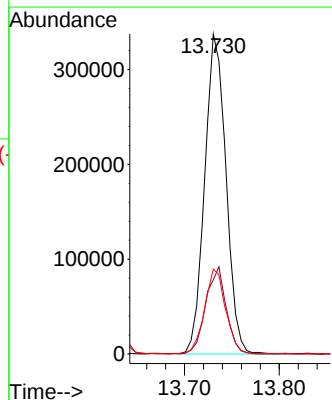
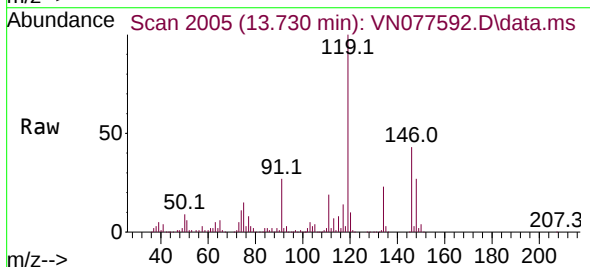
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBSD01

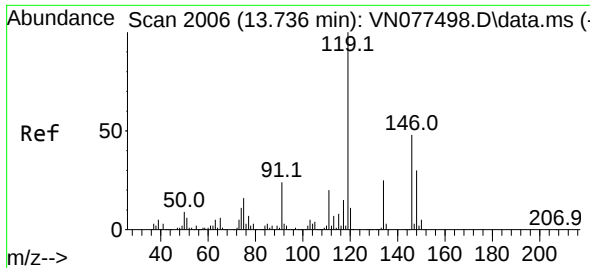
Tgt Ion:105 Resp: 689067
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 19.369 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077592.D
 Acq: 05 May 2023 14:53

Tgt Ion:119 Resp: 527413
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 26.0 0.0 50.6

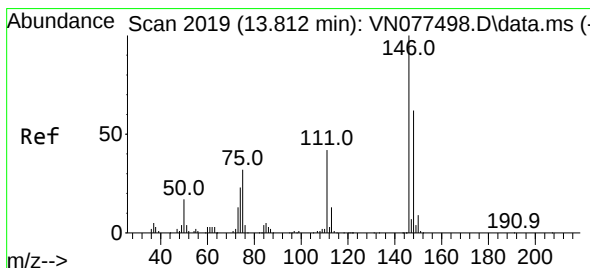
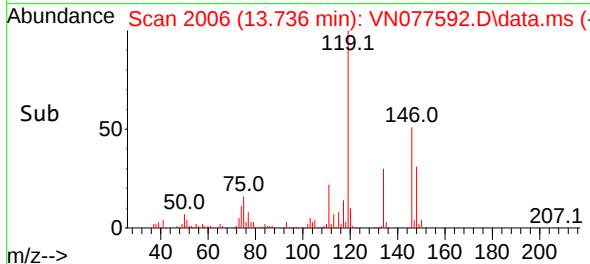
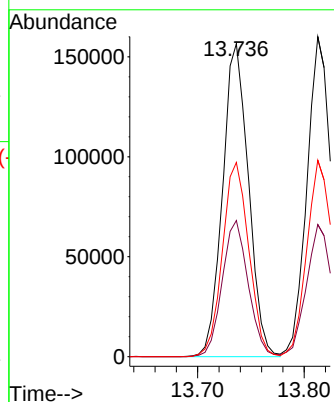
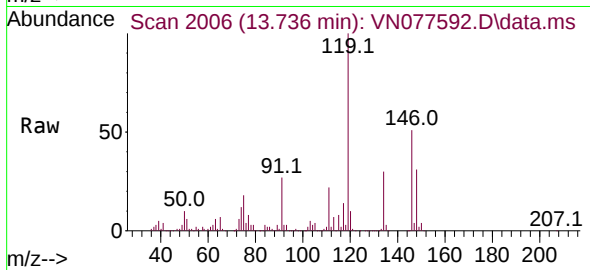




#83
1,3-Dichlorobenzene
Concen: 20.078 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

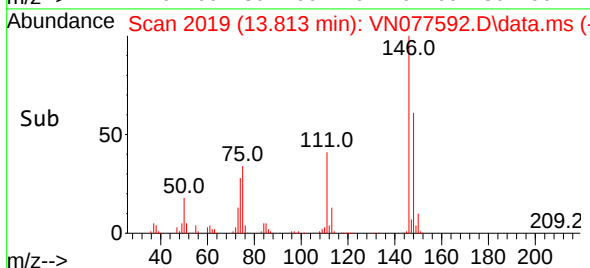
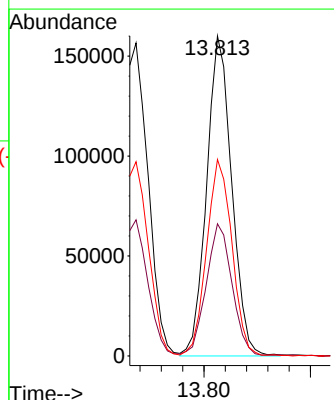
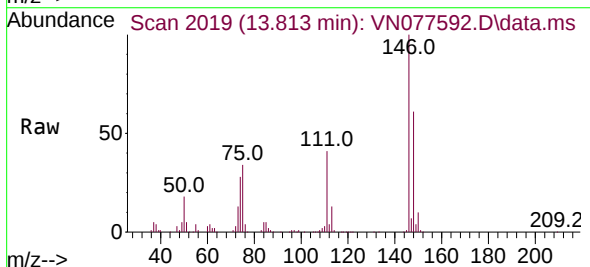
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

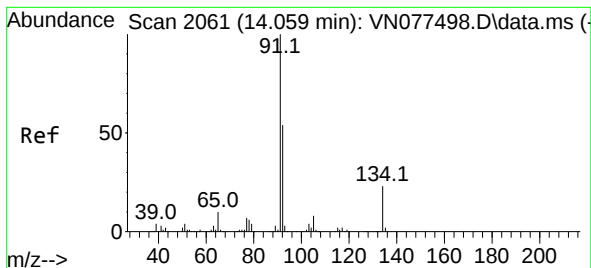
Tgt Ion:146 Resp: 264030
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.5
148 63.1 31.8 95.4



#84
1,4-Dichlorobenzene
Concen: 20.148 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:146 Resp: 261801
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.7
148 62.1 31.6 94.7





#85

n-Butylbenzene

Concen: 19.259 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

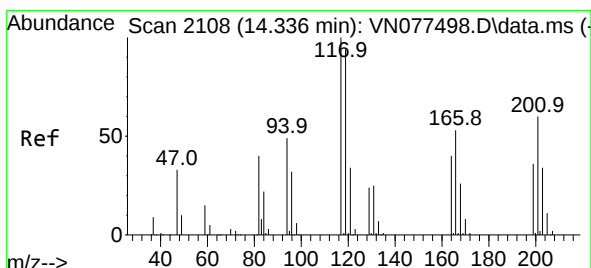
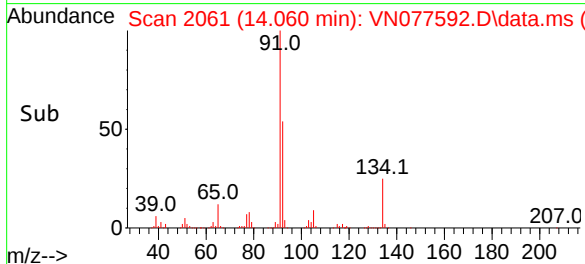
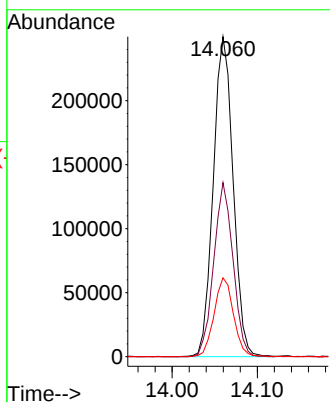
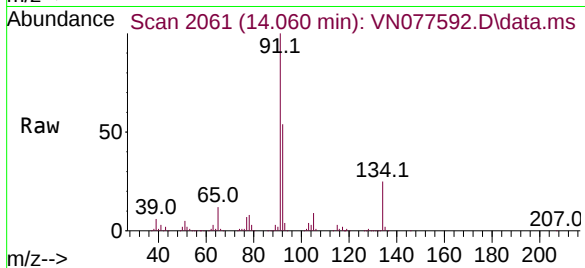
Tgt Ion: 91 Resp: 405264

Ion Ratio Lower Upper

91 100

92 52.8 0.0 108.4

134 24.0 0.0 50.0



#86

Hexachloroethane

Concen: 18.700 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077592.D

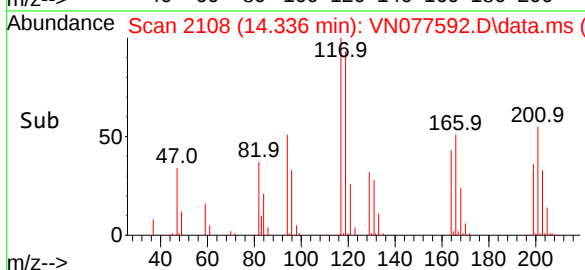
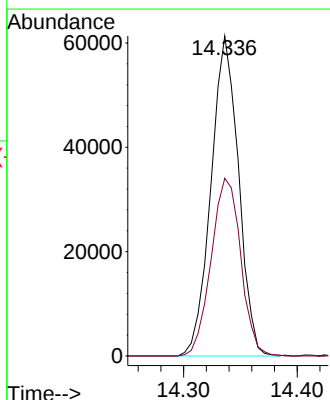
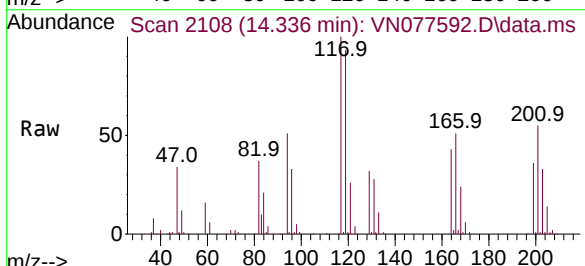
Acq: 05 May 2023 14:53

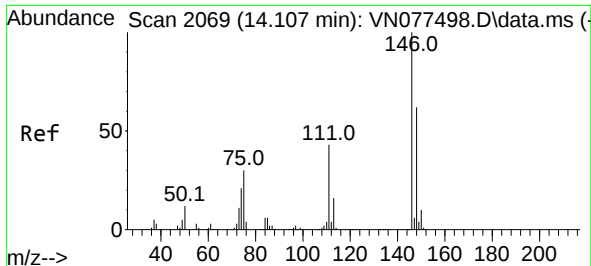
Tgt Ion: 117 Resp: 103152

Ion Ratio Lower Upper

117 100

201 59.7 27.4 82.2





#87

1,2-Dichlorobenzene

Concen: 20.228 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

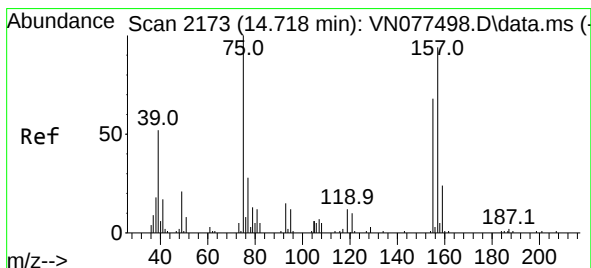
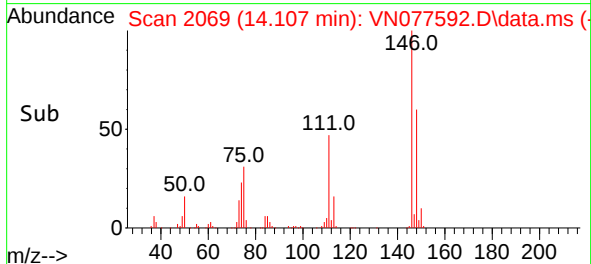
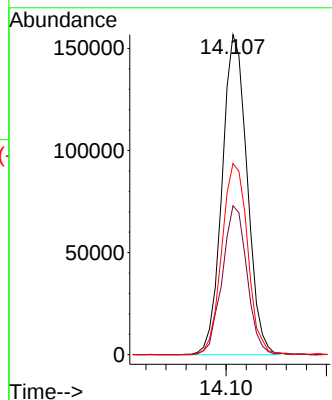
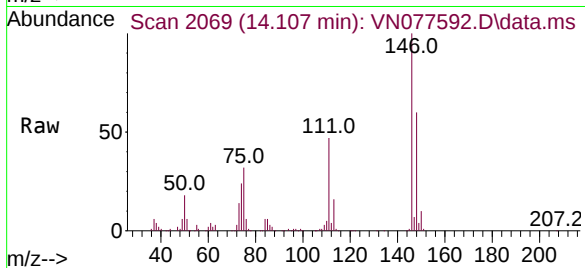
Tgt Ion:146 Resp: 270631

Ion Ratio Lower Upper

146 100

111 45.9 22.3 66.9

148 61.7 32.4 97.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.707 ug/l

RT: 14.719 min Scan# 2173

Delta R.T. 0.001 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

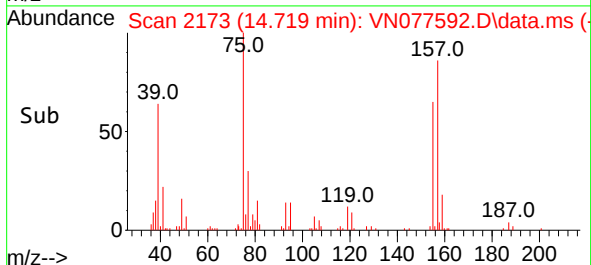
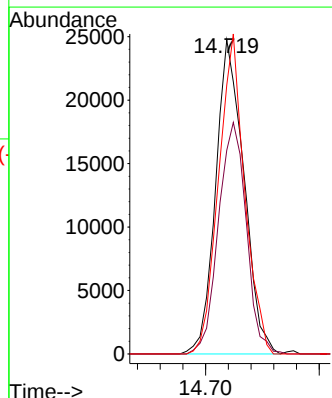
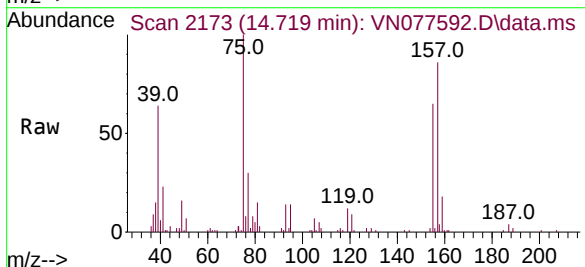
Tgt Ion: 75 Resp: 42725

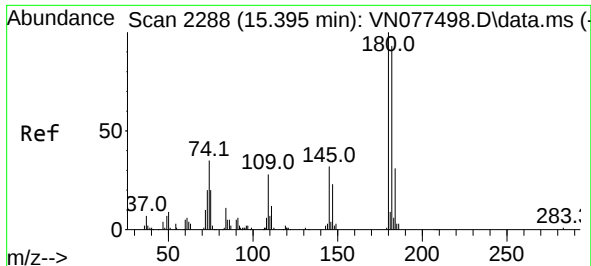
Ion Ratio Lower Upper

75 100

155 72.6 63.0 94.4

157 94.1 79.5 119.3

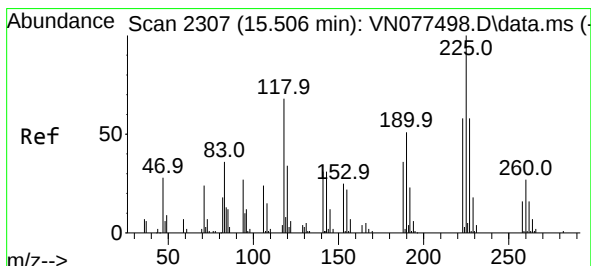
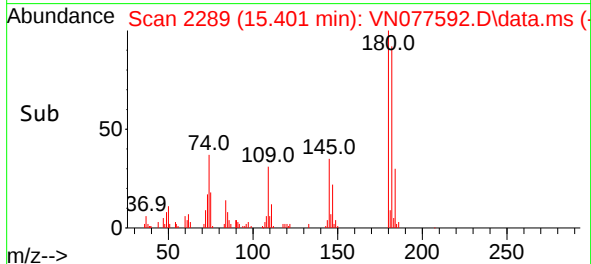
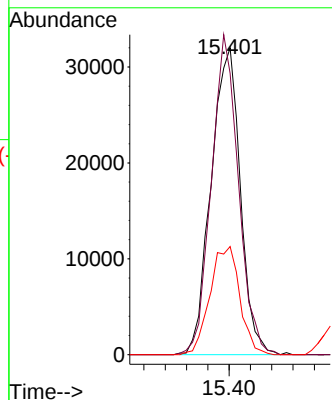
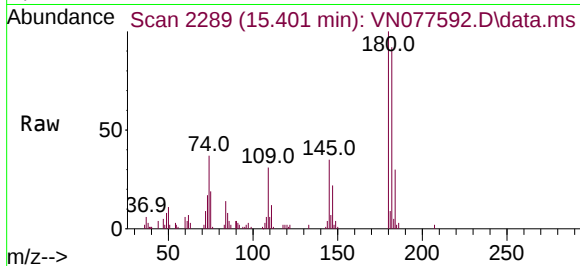




#89
1,2,4-Trichlorobenzene
Concen: 17.325 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

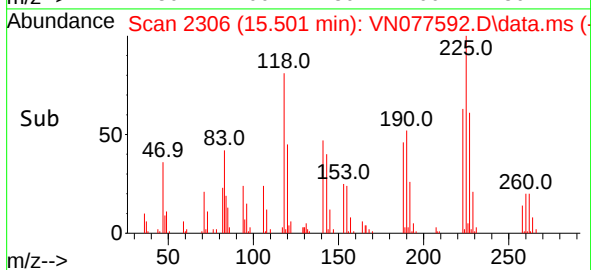
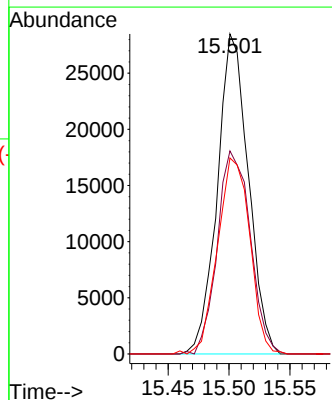
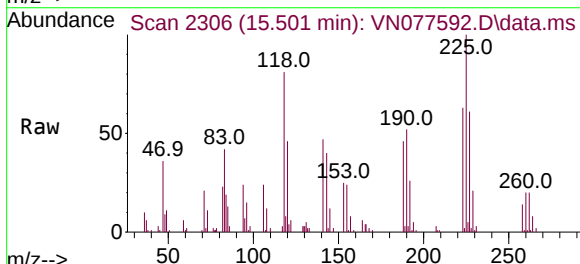
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBSD01

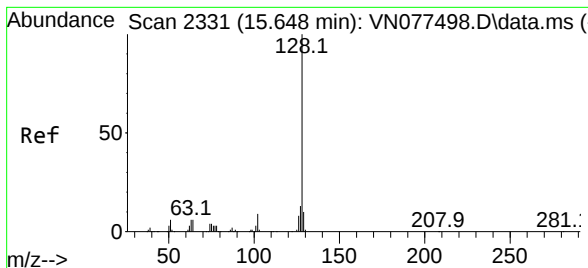
Tgt Ion:180 Resp: 60839
Ion Ratio Lower Upper
180 100
182 96.7 78.7 118.1
145 36.0 28.8 43.2



#90
Hexachlorobutadiene
Concen: 17.702 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.005 min
Lab File: VN077592.D
Acq: 05 May 2023 14:53

Tgt Ion:225 Resp: 50556
Ion Ratio Lower Upper
225 100
223 67.0 0.0 124.2
227 63.4 0.0 119.2





#91

Naphthalene

Concen: 18.980 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBSD01

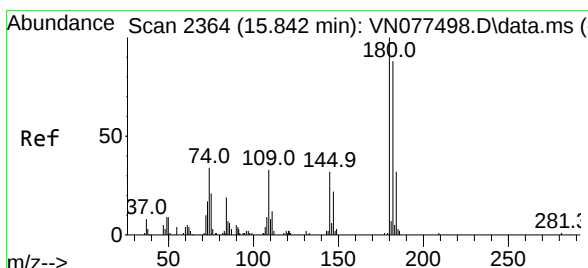
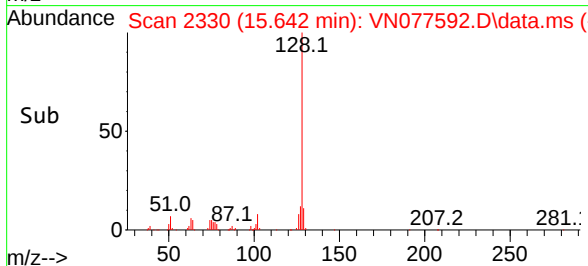
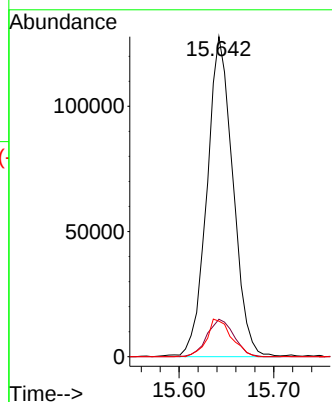
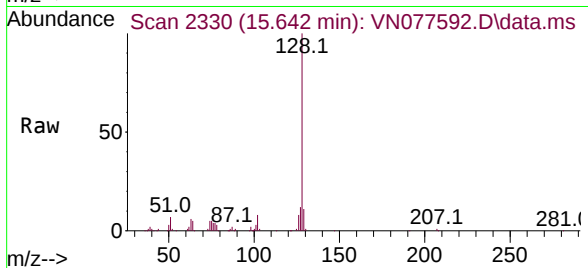
Tgt Ion:128 Resp: 243310

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 11.2 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 18.104 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077592.D

Acq: 05 May 2023 14:53

Tgt Ion:180 Resp: 59478

Ion Ratio Lower Upper

180 100

182 96.4 0.0 198.0

145 35.6 0.0 80.2

