

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076730.D
 Acq On : 17 Feb 2023 13:04
 Operator : JC\MD
 Sample : VN0217WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBS01

Quant Time: Feb 18 02:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	32208	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	227177	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	263263	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	93675	31.800	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.000%			
60) 4-Bromofluorobenzene	12.854	95	140866	30.251	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.833%			
63) Toluene-d8	10.571	98	268414	29.108	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	78447	23.016	ug/l	95
3) Chloromethane	2.378	50	94218	22.512	ug/l	95
4) Vinyl Chloride	2.525	62	98791	22.116	ug/l	91
5) Bromomethane	2.966	94	66842	21.673	ug/l	94
6) Chloroethane	3.131	64	71316	24.619	ug/l	96
7) Trichlorofluoromethane	3.513	101	123764	22.226	ug/l	97
8) Diethyl Ether	3.978	74	48927	22.145	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	48454	14.317	ug/l	81
10) 1,1-Dichloroethene	4.354	96	67785	21.326	ug/l	98
11) Methyl Iodide	4.601	142	99465	25.077	ug/l	88
12) Methyl Acetate	5.037	43	149033	22.871	ug/l #	89
13) Acrolein	4.195	56	63581	82.153	ug/l	97
14) Acrylonitrile	5.731	53	231282	115.651	ug/l	99
15) Acetone	4.448	58	73443	113.430	ug/l	95
16) Carbon Disulfide	4.719	76	188152	21.103	ug/l	97
17) Allyl chloride	5.037	41	120714	21.217	ug/l	93
18) Methylene Chloride	5.289	84	88264	22.000	ug/l #	89
19) trans-1,2-Dichloroethene	5.801	96	75575	21.201	ug/l	95
20) Diisopropyl ether	6.683	45	303752	22.578	ug/l #	92
21) 1,1-Dichloroethane	6.583	63	156264	22.205	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	91590	22.394	ug/l	97
23) tert-Butyl Alcohol	5.531	59	72514	125.466	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	127732	11.614	ug/l #	60
25) Chloroform	7.972	83	158668	22.992	ug/l	86
26) Cyclohexane	8.266	56	140058	22.268	ug/l #	93
29) 1,1-Dichloropropene	8.383	75	114738	22.141	ug/l	97
30) 2-Butanone	7.495	43	351520	116.293	ug/l	97
31) 2,2-Dichloropropane	7.501	77	120972	22.337	ug/l #	61
32) 1,1,1-Trichloroethane	8.178	97	129710	21.561	ug/l	98
33) Carbon Tetrachloride	8.372	117	110320	21.164	ug/l	97
34) Benzene	8.613	78	366335	22.144	ug/l	95
35) Methacrylonitrile	7.789	41	71726	21.754	ug/l	96
36) 1,2-Dichloroethane	8.677	62	127617	23.046	ug/l	99
37) Trichloroethene	9.360	130	77554	20.158	ug/l	94
38) Methylcyclohexane	9.607	83	142874	21.909	ug/l	98
39) 1,2-Dichloropropane	9.624	63	95745	22.269	ug/l	90
40) Dibromomethane	9.713	93	62693	22.864	ug/l	96
41) Bromodichloromethane	9.895	83	121036	22.006	ug/l #	98
42) Vinyl Acetate	6.619	43	989548	112.962	ug/l	99

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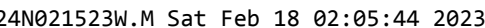
Instrument :
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 ClientSampleId :
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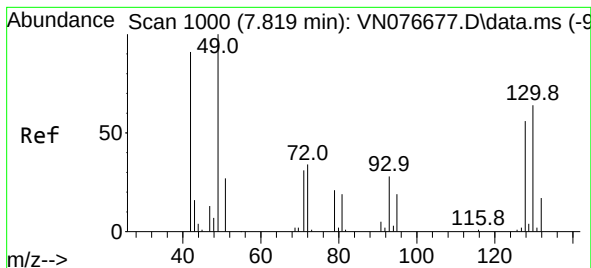
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	136927	23.777	ug/l	97
44) Isopropyl Acetate	8.695	43	221029	23.316	ug/l	100
45) 1,4-Dioxane	9.701	88	35210	438.850	ug/l	95
46) Methyl methacrylate	9.689	41	105215	24.178	ug/l	92
47) n-amyl Acetate	12.501	43	198199	23.676	ug/l	99
48) t-1,3-Dichloropropene	10.842	75	121638	21.805	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	140292	22.095	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	89185	22.374	ug/l	96
51) Ethyl methacrylate	10.877	69	130712	22.586	ug/l	91
52) 1,3-Dichloropropane	11.171	76	158586	23.142	ug/l	98
53) Dibromochloromethane	11.360	129	86792	21.197	ug/l	100
54) 1,2-Dibromoethane	11.471	107	88139	22.714	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	239210	93.238	ug/l	96
56) Bromoform	12.583	173	60482	21.448	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	721546	115.237	ug/l	100
59) 2-Hexanone	11.201	43	541587	116.287	ug/l	100
61) Tetrachloroethene	11.107	164	70311	21.150	ug/l	91
62) Toluene	10.636	91	392255	21.320	ug/l	100
64) Chlorobenzene	11.895	112	228478	20.844	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	80898	20.133	ug/l	96
66) Ethyl Benzene	11.965	91	427578	21.861	ug/l	99
67) m/p-Xylenes	12.077	106	340122	44.468	ug/l	99
68) o-Xylene	12.401	106	161314	21.402	ug/l	99
69) Styrene	12.413	104	271380	22.427	ug/l	99
70) Isopropylbenzene	12.701	105	428321	22.274	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	141310	22.462	ug/l	97
72) 1,2,3-Trichloropropane	13.001	75	163590	29.519	ug/l	69
73) Bromobenzene	12.983	156	91703	20.552	ug/l	94
74) n-propylbenzene	13.042	91	514052	22.445	ug/l	99
75) 2-Chlorotoluene	13.130	91	301625	22.133	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	364098	22.703	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	38841	21.814	ug/l	98
78) 4-Chlorotoluene	13.224	91	294398	22.534	ug/l	98
79) tert-butylbenzene	13.442	119	320526	22.573	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	365738	22.967	ug/l	99
81) sec-Butylbenzene	13.618	105	466773	22.891	ug/l	100
82) p-Isopropyltoluene	13.736	119	377966	22.863	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	187698	22.016	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	182163	21.906	ug/l	95
85) n-Butylbenzene	14.059	91	320849	22.899	ug/l	100
86) Hexachloroethane	14.342	117	67416	21.066	ug/l	96
87) 1,2-Dichlorobenzene	14.112	146	190028	22.167	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	28444	24.391	ug/l	95
89) 1,2,4-Trichlorobenzene	15.401	180	94259	21.554	ug/l	98
90) Hexachlorobutadiene	15.501	225	47529	22.560	ug/l	92
91) Naphthalene	15.648	128	299913	21.329	ug/l	100
92) 1,2,3-Trichlorobenzene	15.848	180	92671	20.877	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076730.D

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MSVOA_N

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VN0217WBS01

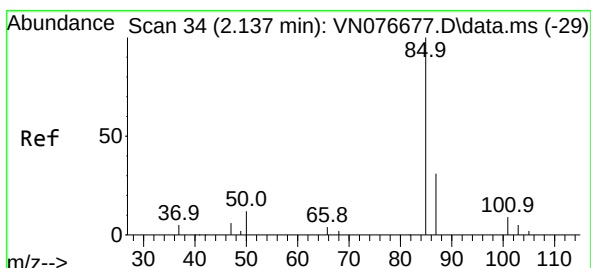
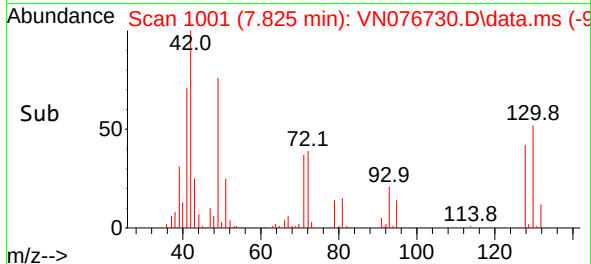
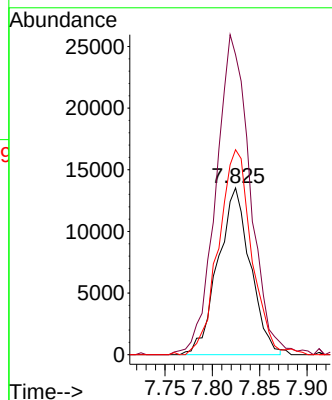
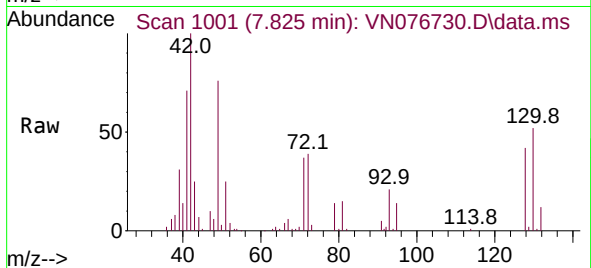
Tgt Ion:128 Resp: 32208

Ion Ratio Lower Upper

128 100

49 202.4 0.0 461.8

130 124.3 0.0 295.3



#2

Dichlorodifluoromethane

Concen: 23.016 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076730.D

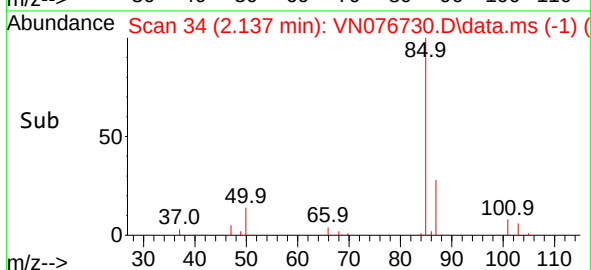
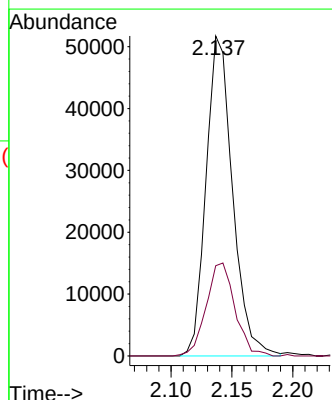
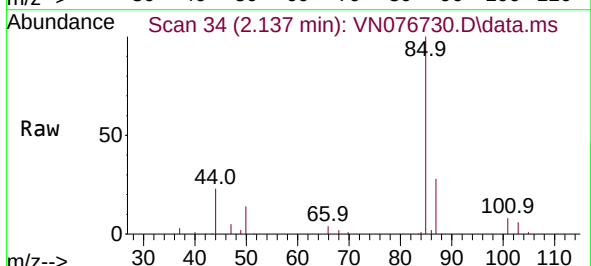
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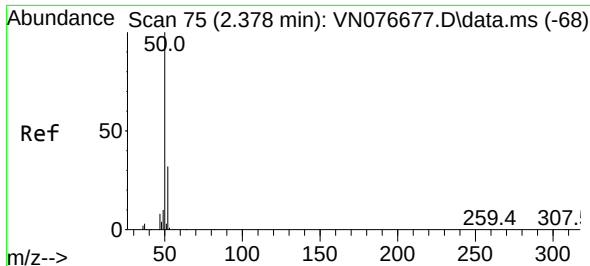
Tgt Ion: 85 Resp: 78447

Ion Ratio Lower Upper

85 100

87 28.2 15.4 46.1

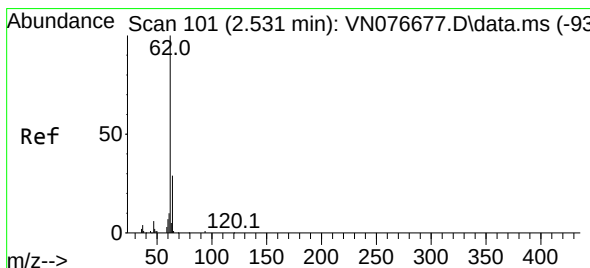
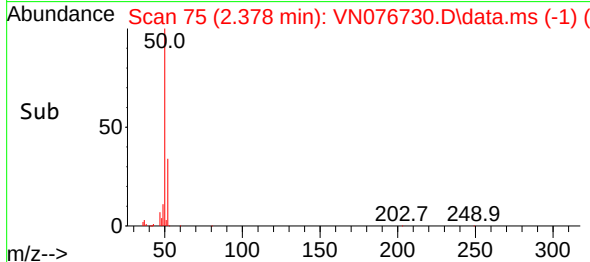
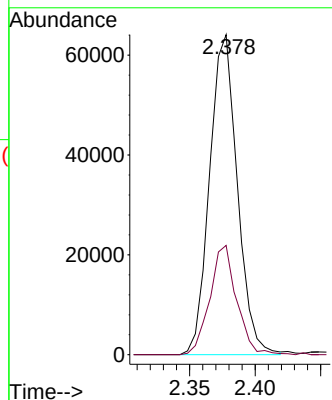
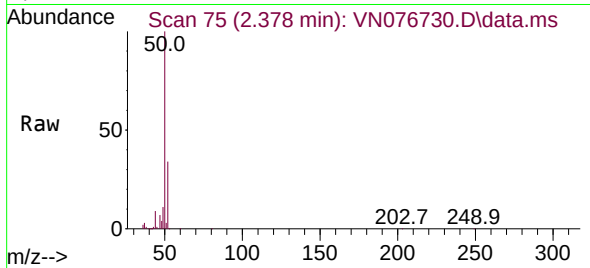




#3
Chloromethane
Concen: 22.512 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

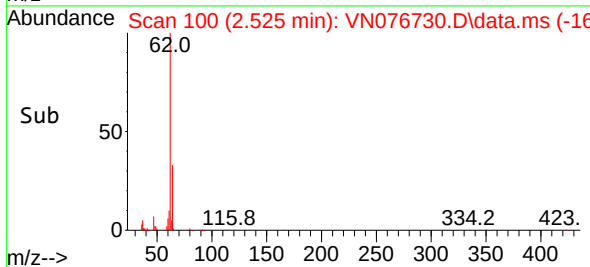
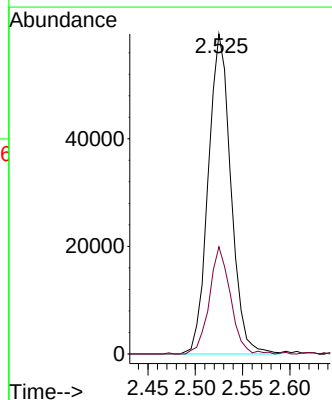
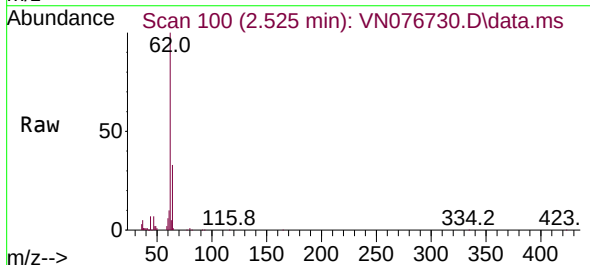
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VN0217WBS01

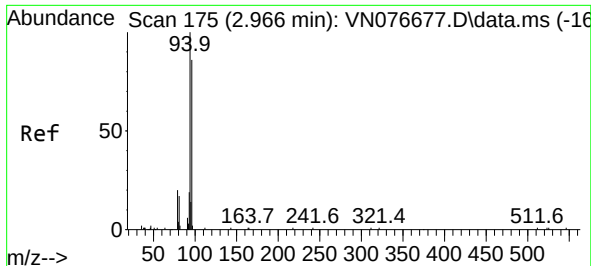
Tgt Ion: 50 Resp: 94218
Ion Ratio Lower Upper
50 100
52 34.1 25.3 37.9



#4
Vinyl Chloride
Concen: 22.116 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 62 Resp: 98791
Ion Ratio Lower Upper
62 100
64 33.5 23.1 34.7

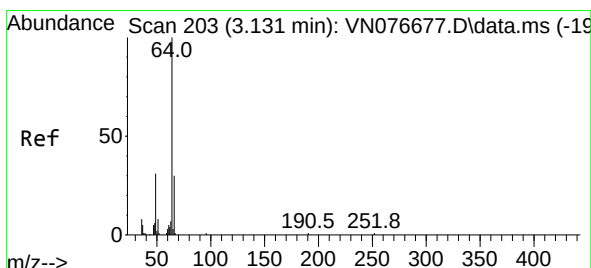
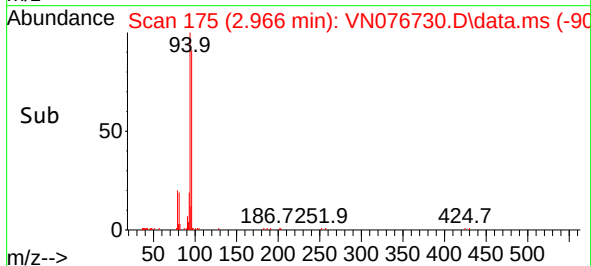
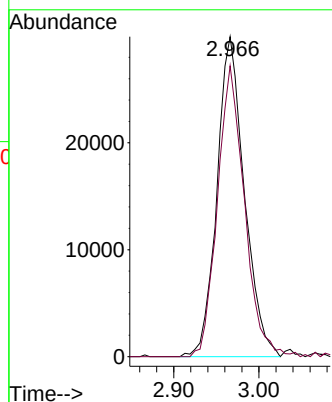
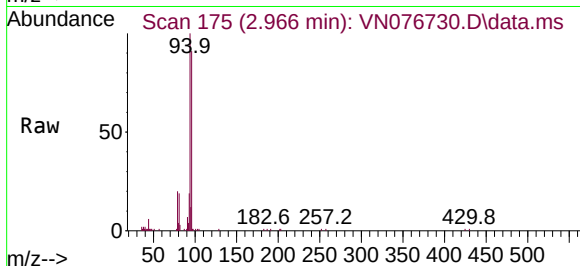




#5
Bromomethane
Concen: 21.673 ug/l
RT: 2.966 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

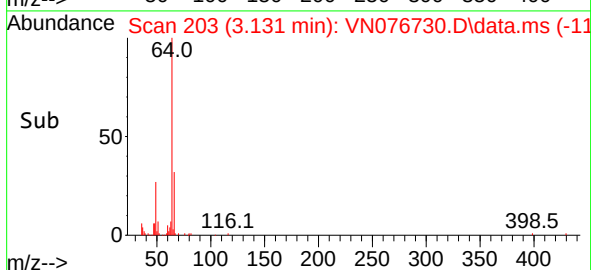
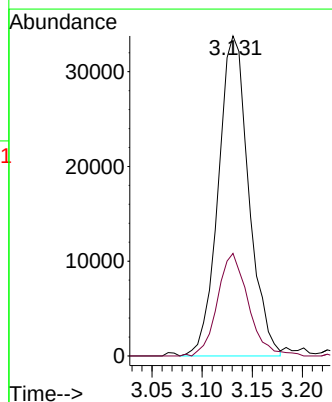
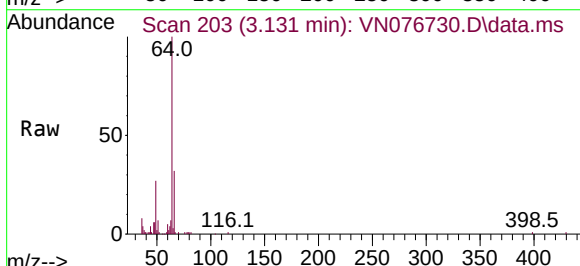
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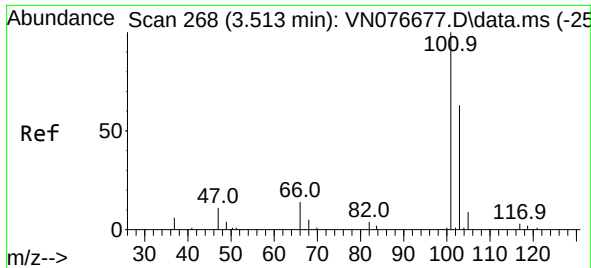
Tgt Ion: 94 Resp: 66842
Ion Ratio Lower Upper
94 100
96 90.9 68.6 103.0



#6
Chloroethane
Concen: 24.619 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 64 Resp: 71316
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.6

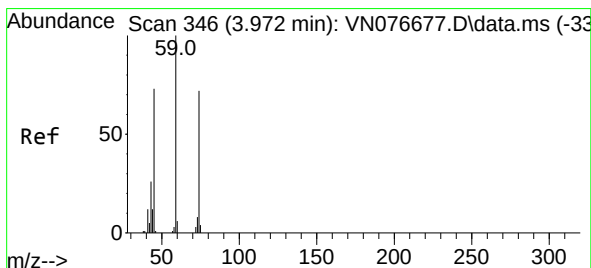
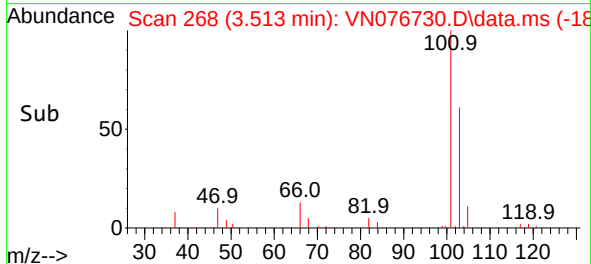
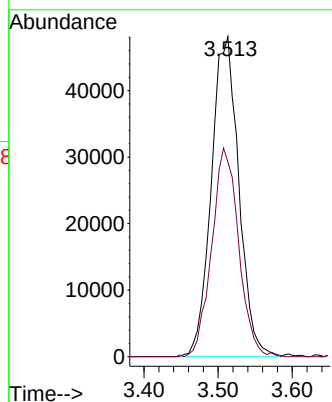
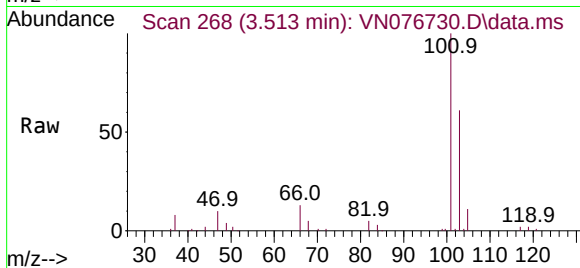




#7
 Trichlorofluoromethane
 Concen: 22.226 ug/l
 RT: 3.513 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

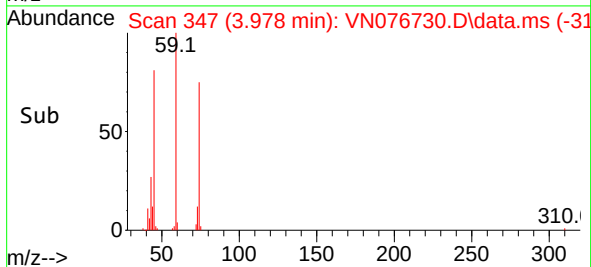
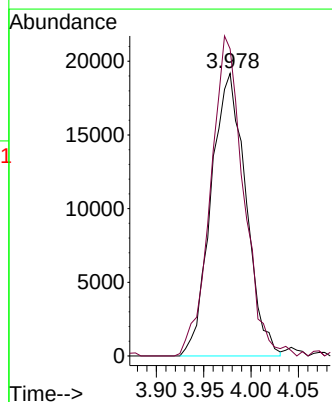
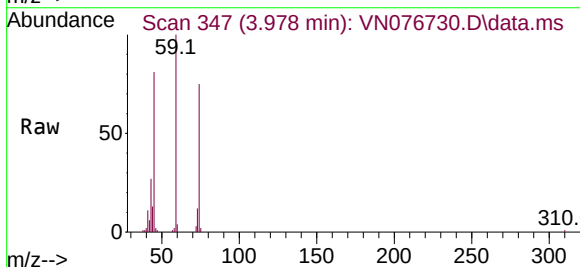
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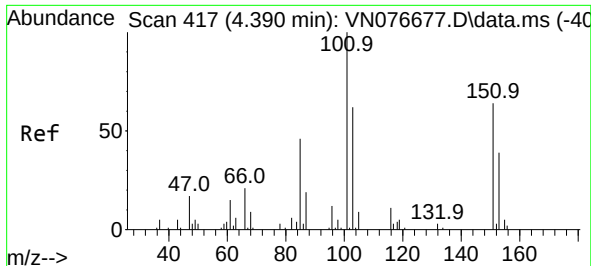
Tgt Ion:101 Resp: 123764
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.2 75.2



#8
 Diethyl Ether
 Concen: 22.145 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

Tgt Ion: 74 Resp: 48927
 Ion Ratio Lower Upper
 74 100
 45 106.5 21.4 193.0

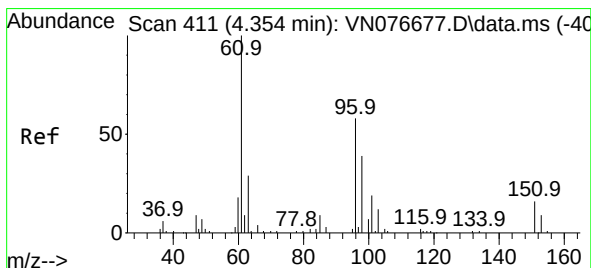
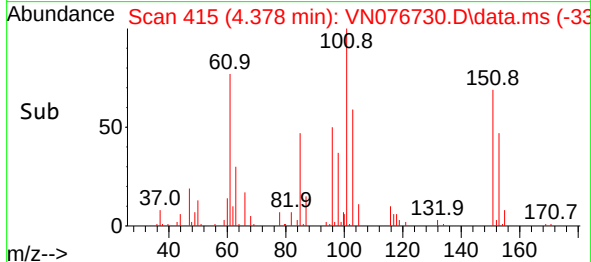
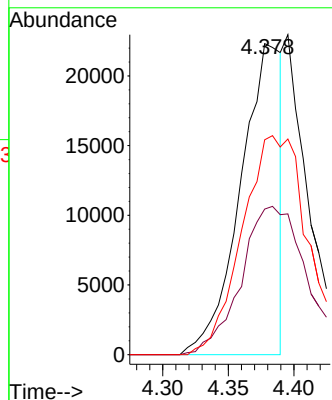
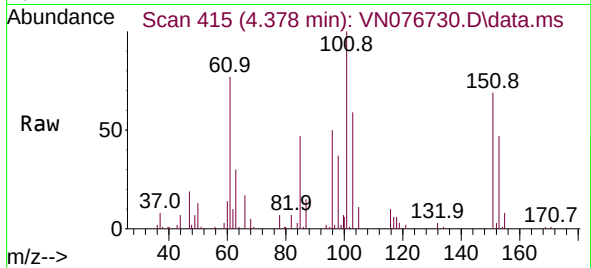




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.317 ug/l
RT: 4.378 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

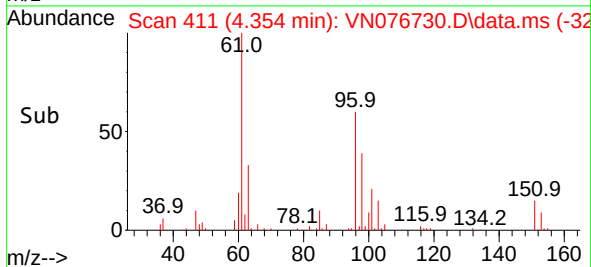
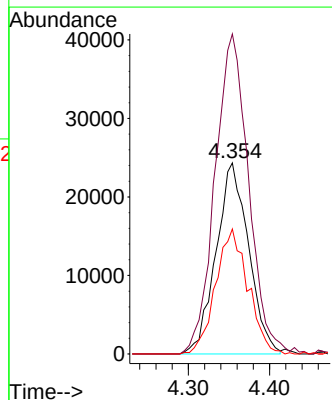
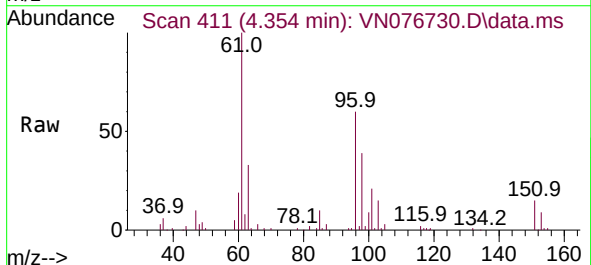
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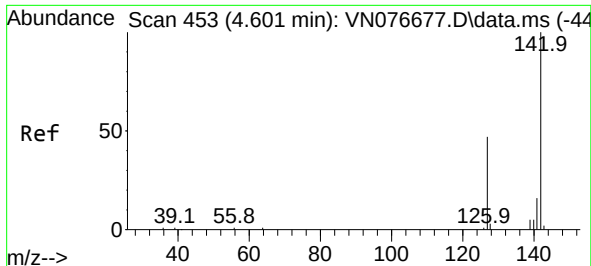
Tgt Ion:101 Resp: 48454
Ion Ratio Lower Upper
101 100
85 75.6 0.0 95.2
151 68.5 0.0 142.2



#10
1,1-Dichloroethene
Concen: 21.326 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

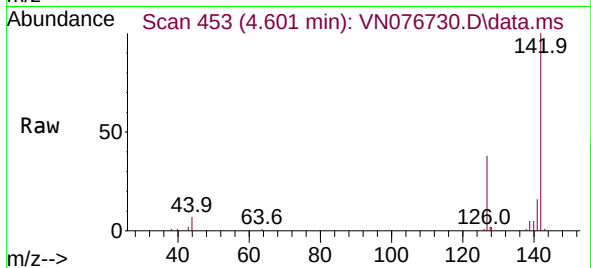
Tgt Ion: 96 Resp: 67785
Ion Ratio Lower Upper
96 100
61 167.4 137.1 205.7
98 65.4 53.2 79.8



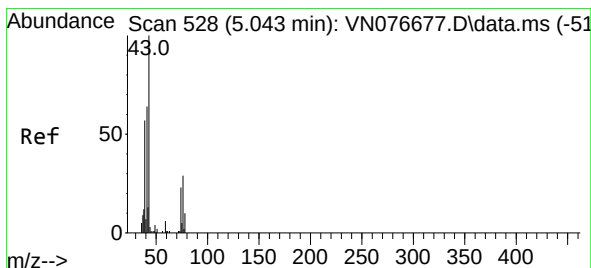
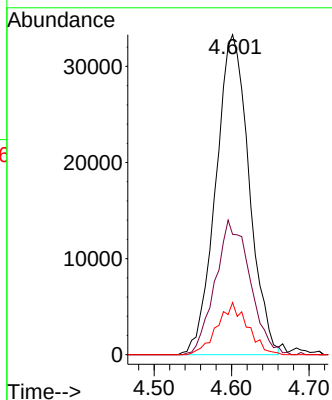
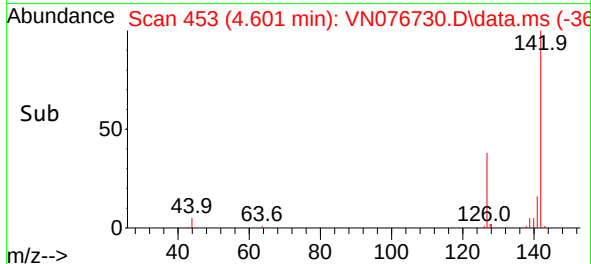


#11
Methyl Iodide
Concen: 25.077 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

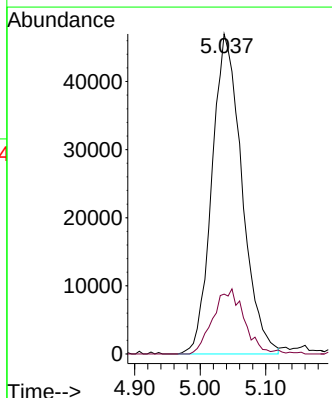
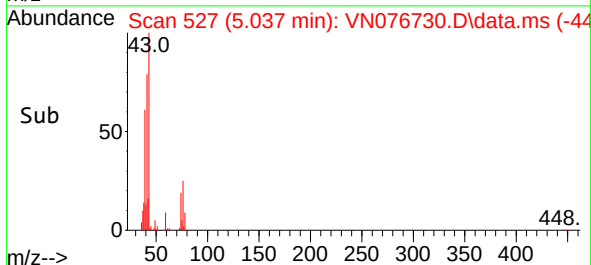
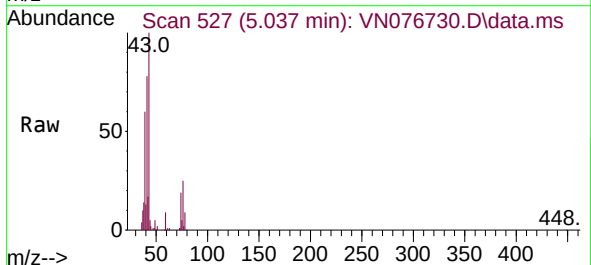


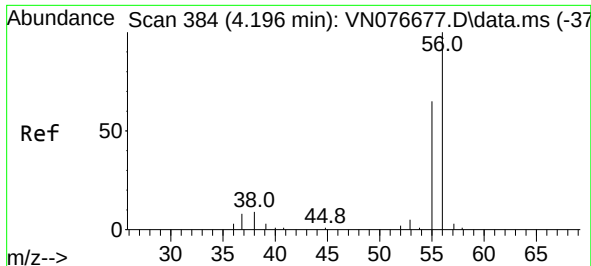
Tgt Ion:142 Resp: 99465
Ion Ratio Lower Upper
142 100
127 38.9 25.0 75.0
141 16.2 8.0 24.0



#12
Methyl Acetate
Concen: 22.871 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 43 Resp: 149033
Ion Ratio Lower Upper
43 100
74 18.3 19.0 28.4#





#13

Acrolein

Concen: 82.153 ug/l

RT: 4.195 min Scan# 384

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

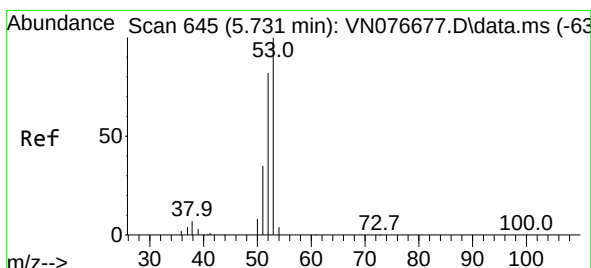
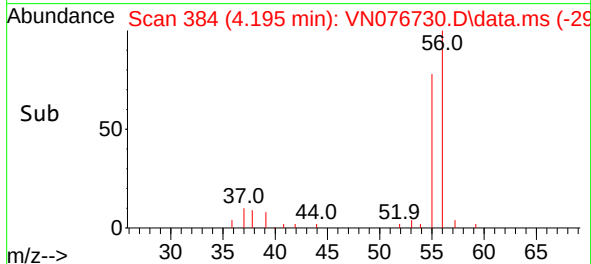
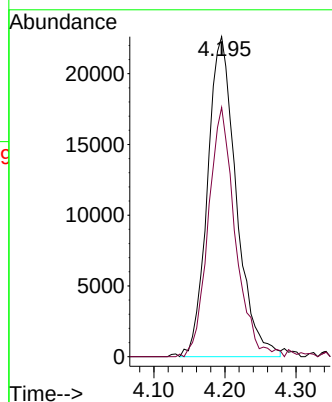
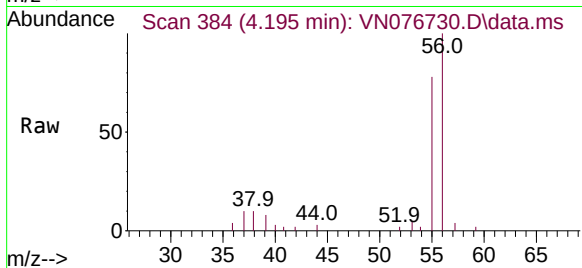
VN0217WBS01

Tgt Ion: 56 Resp: 63581

Ion Ratio Lower Upper

56 100

55 71.4 55.0 82.4



#14

Acrylonitrile

Concen: 115.651 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

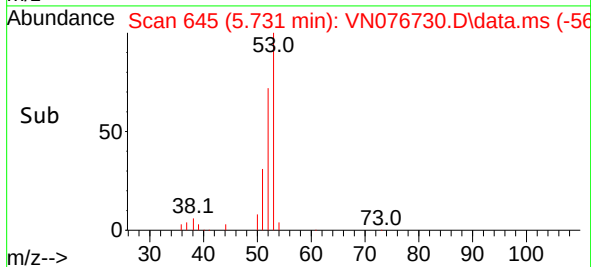
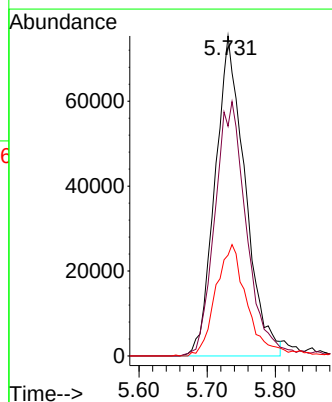
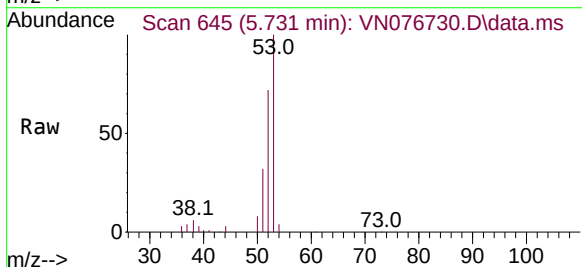
Tgt Ion: 53 Resp: 231282

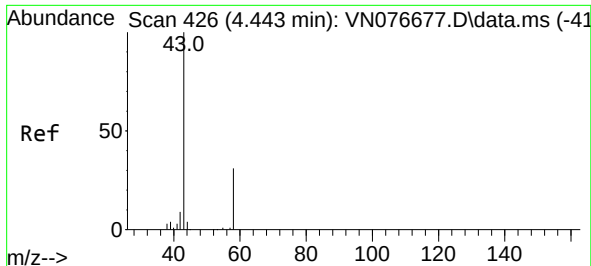
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.6

51 35.9 17.6 52.8





#15

Acetone

Concen: 113.430 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

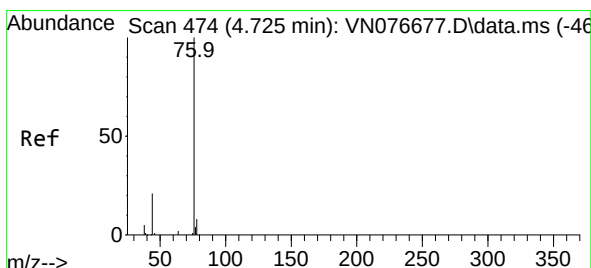
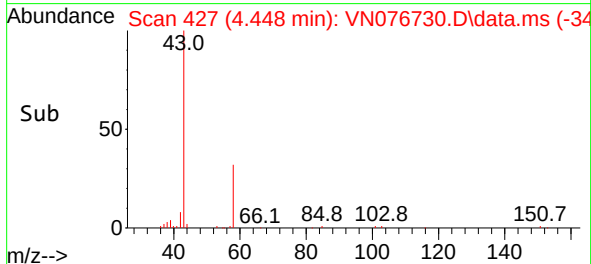
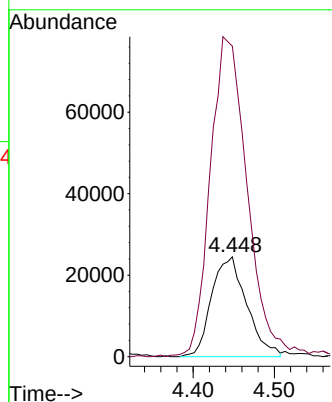
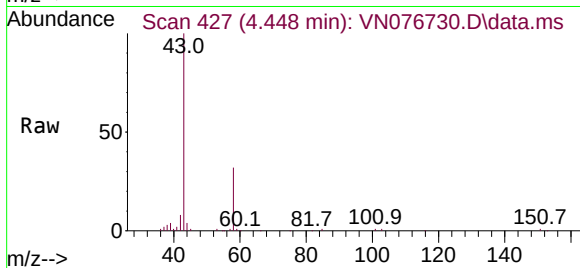
VN0217WBS01

Tgt Ion: 58 Resp: 73443

Ion Ratio Lower Upper

58 100

43 308.7 255.4 383.0



#16

Carbon Disulfide

Concen: 21.103 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN076730.D

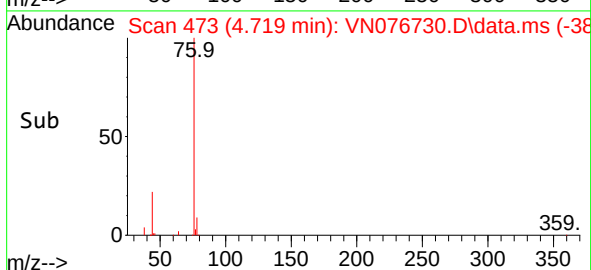
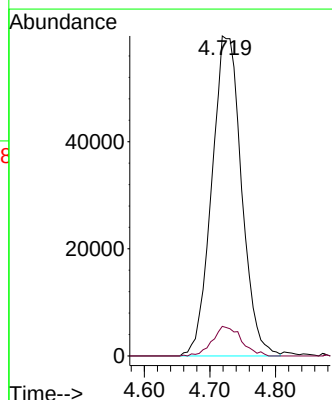
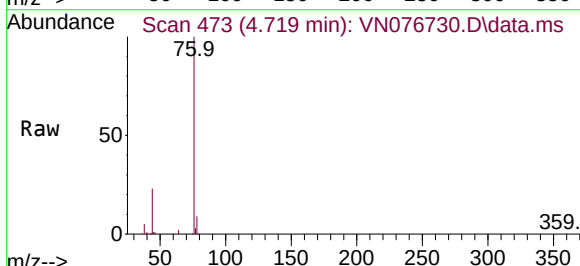
Acq: 17 Feb 2023 13:04

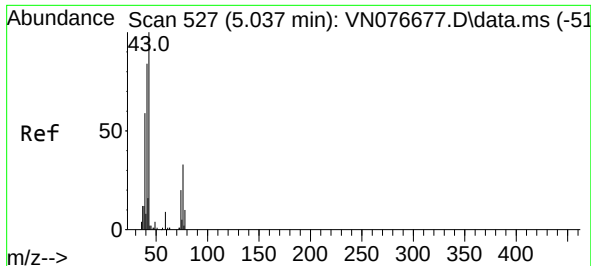
Tgt Ion: 76 Resp: 188152

Ion Ratio Lower Upper

76 100

78 9.2 6.6 9.8

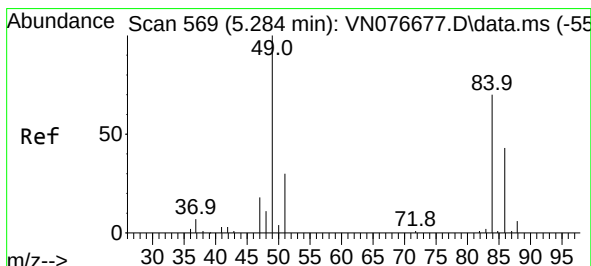
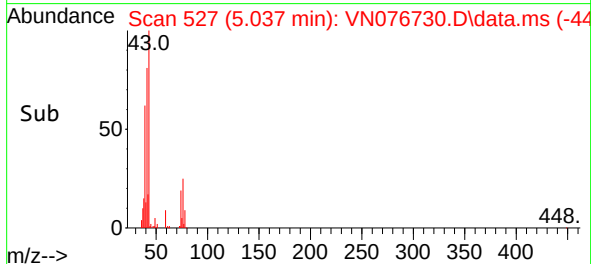
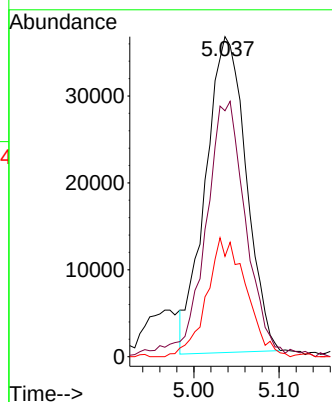
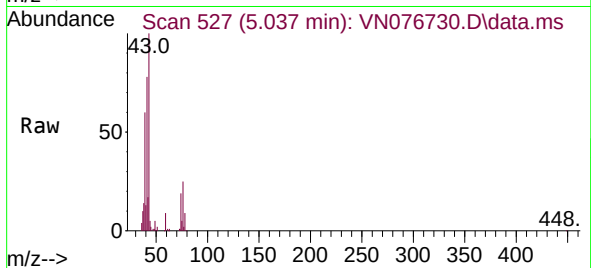




#17
Allyl chloride
Concen: 21.217 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

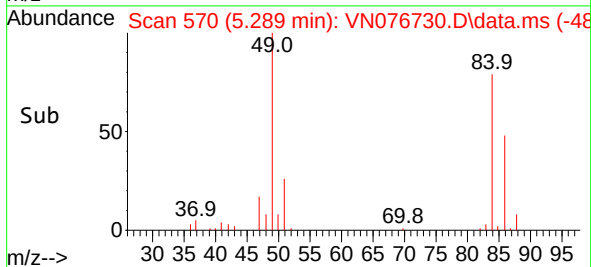
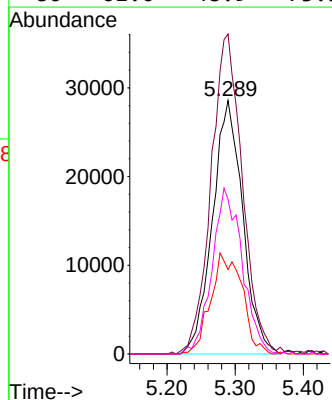
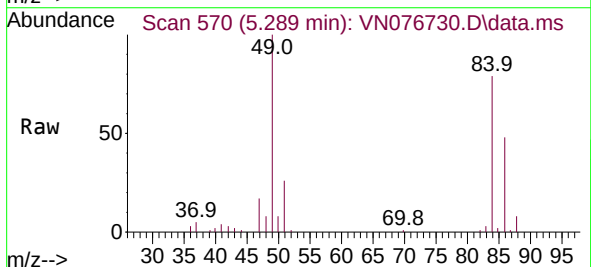
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

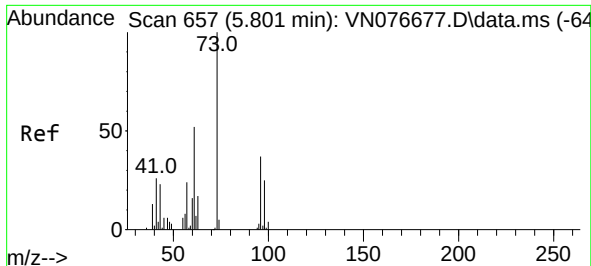
Tgt Ion: 41 Resp: 120714
Ion Ratio Lower Upper
41 100
39 75.3 34.8 104.3
76 30.7 17.5 52.5



#18
Methylene Chloride
Concen: 22.000 ug/l
RT: 5.289 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 84 Resp: 88264
Ion Ratio Lower Upper
84 100
49 125.3 113.8 170.6
51 33.4 34.2 51.4#
86 61.0 48.9 73.3

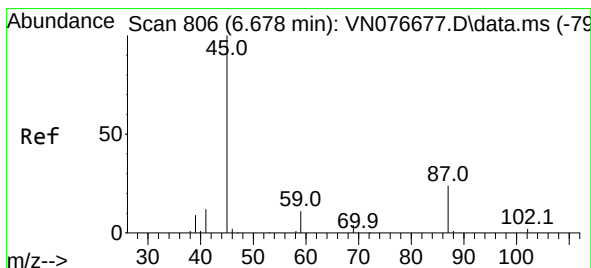
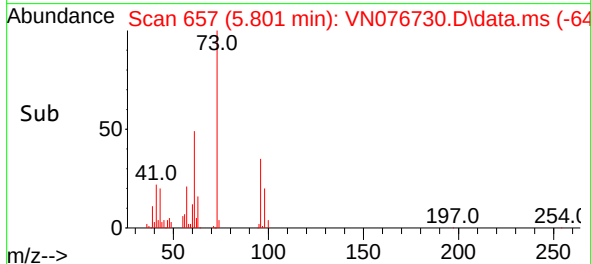
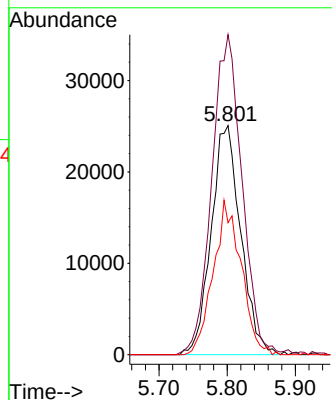
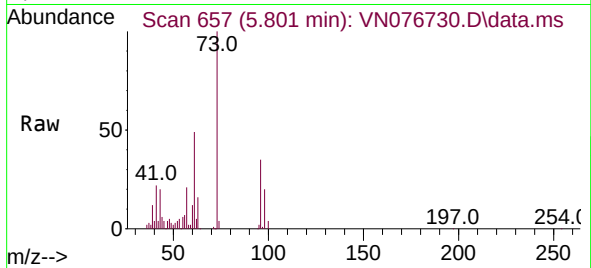




#19
trans-1,2-Dichloroethene
Concen: 21.201 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

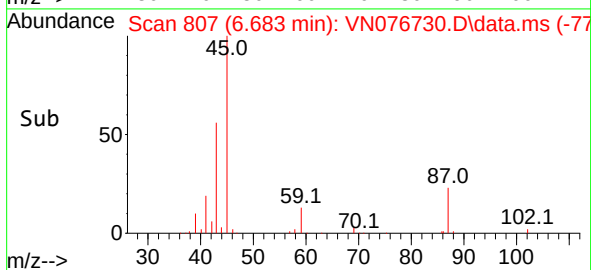
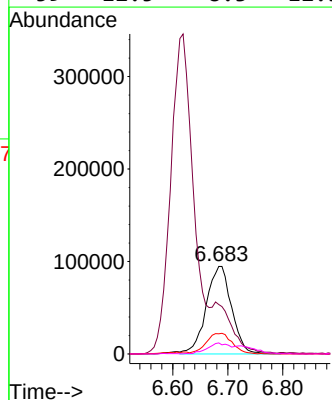
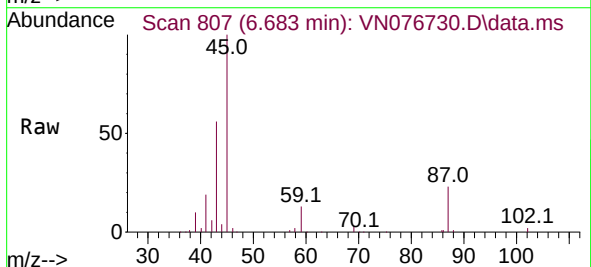
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

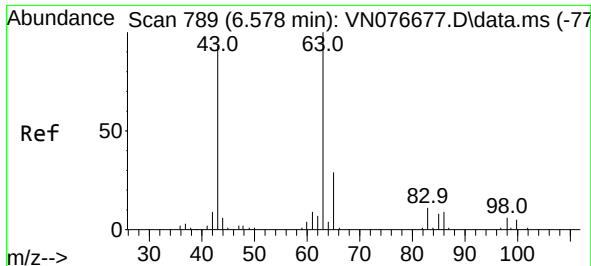
Tgt Ion: 96 Resp: 75575
Ion Ratio Lower Upper
96 100
61 138.8 111.0 166.4
98 57.7 55.0 82.6



#20
Diisopropyl ether
Concen: 22.578 ug/l
RT: 6.683 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 45 Resp: 303752
Ion Ratio Lower Upper
45 100
43 55.0 38.6 58.0
87 23.1 20.1 30.1
59 12.5 8.3 12.5#

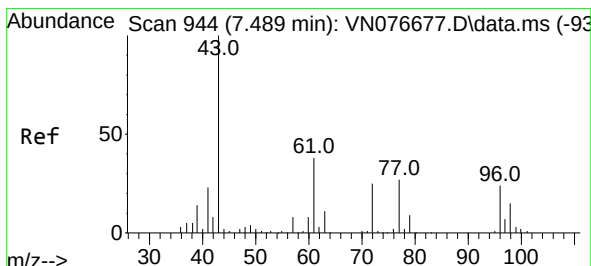
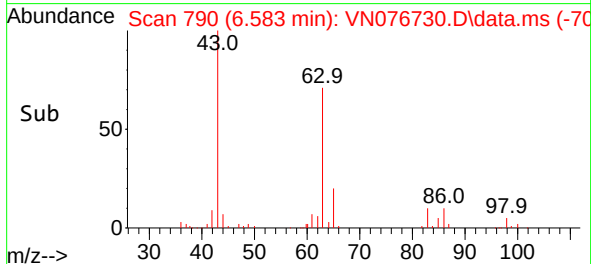
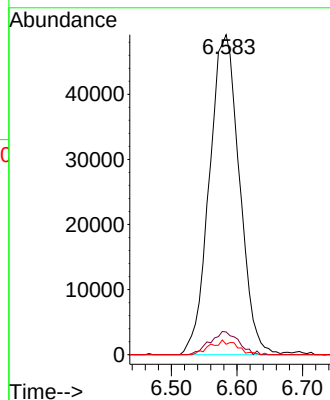
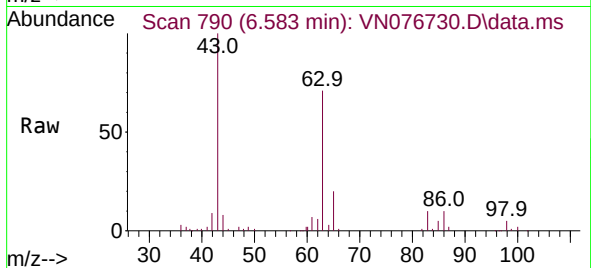




#21
1,1-Dichloroethane
Concen: 22.205 ug/l
RT: 6.583 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

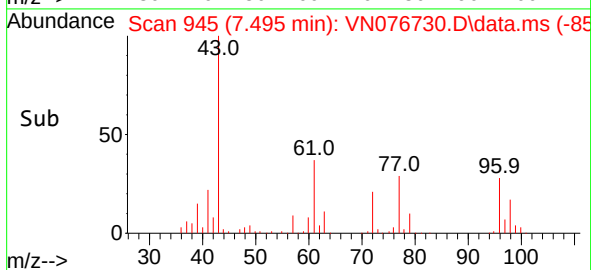
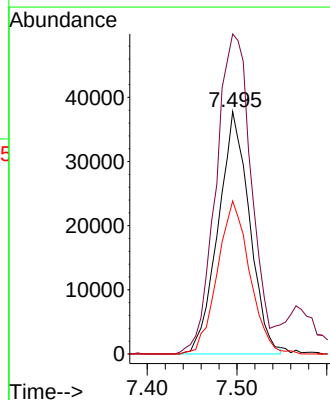
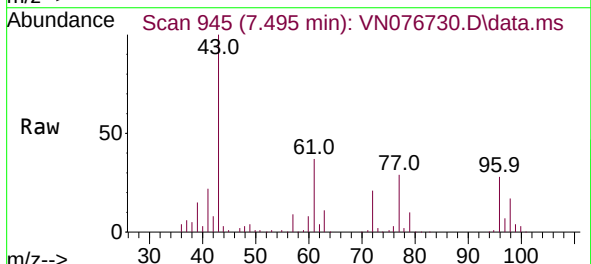
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

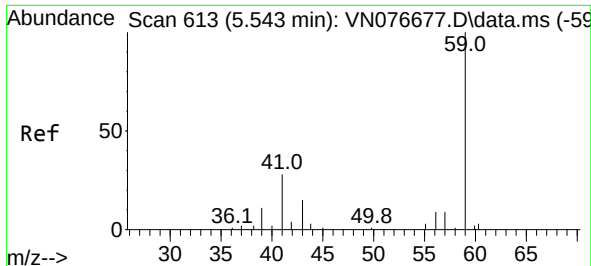
Tgt Ion: 63 Resp: 156264
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.9
100 3.2 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 22.394 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 96 Resp: 91590
Ion Ratio Lower Upper
96 100
61 148.1 121.0 181.4
98 64.8 50.1 75.1

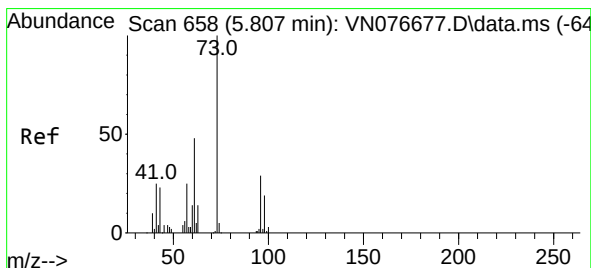
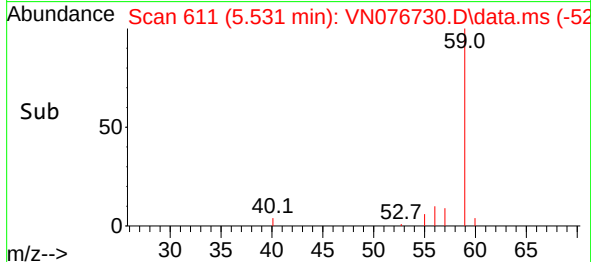
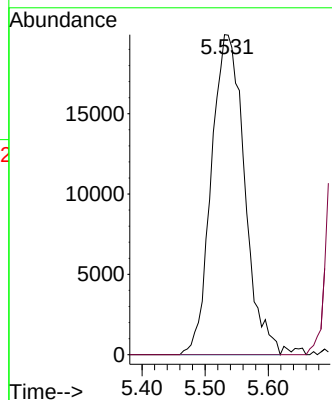
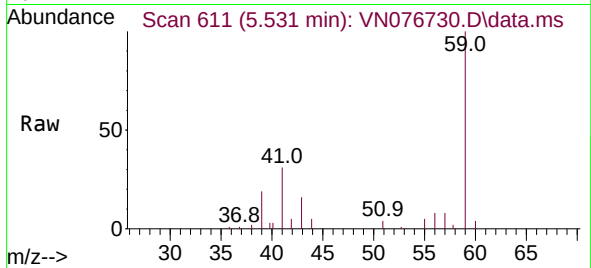




#23
tert-Butyl Alcohol
Concen: 125.466 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

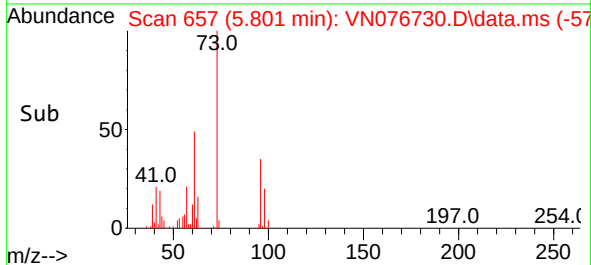
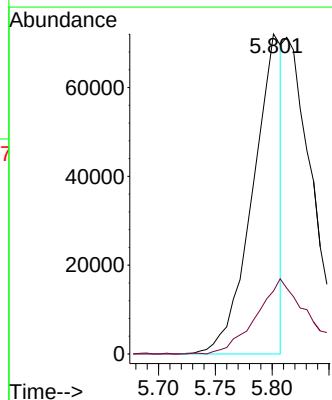
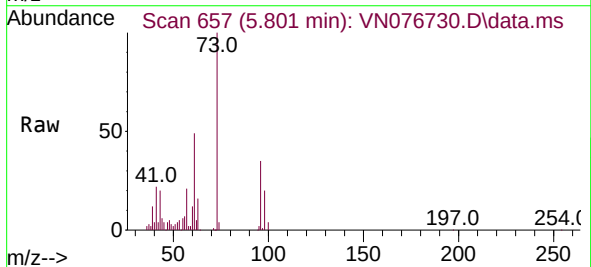
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

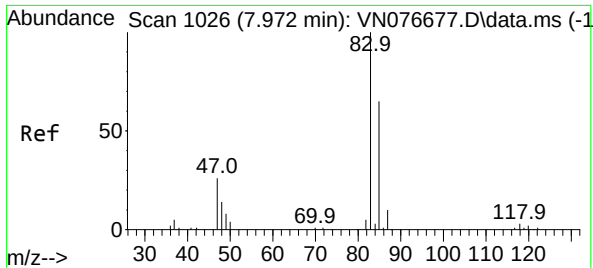
Tgt Ion: 59 Resp: 72514
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 11.614 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 73 Resp: 127732
Ion Ratio Lower Upper
73 100
43 41.5 17.8 26.6#





#25

Chloroform

Concen: 22.992 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

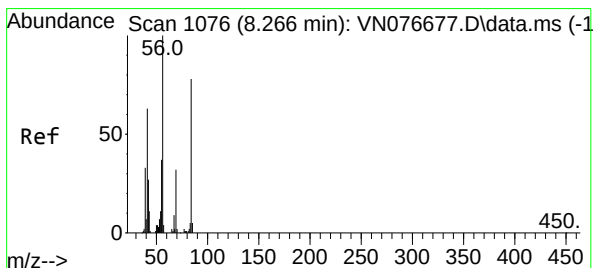
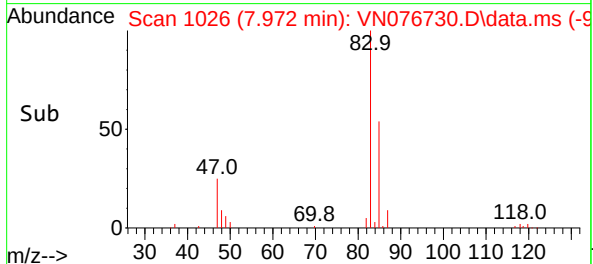
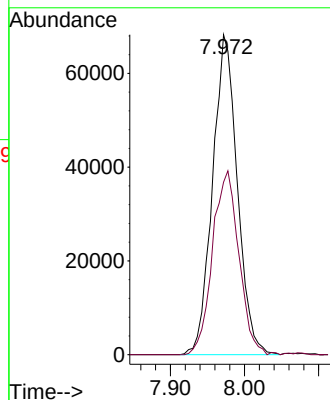
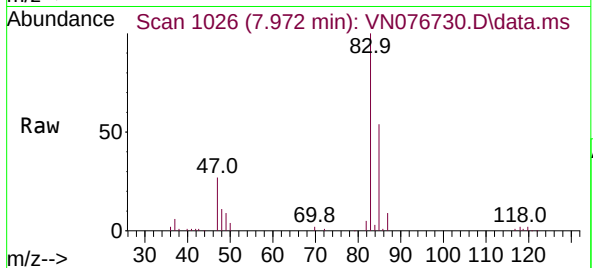
VN0217WBS01

Tgt Ion: 83 Resp: 158668

Ion Ratio Lower Upper

83 100

85 53.9 51.8 77.6



#26

Cyclohexane

Concen: 22.268 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

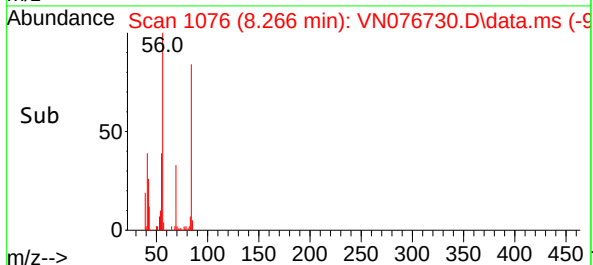
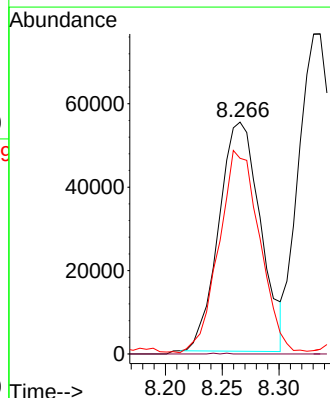
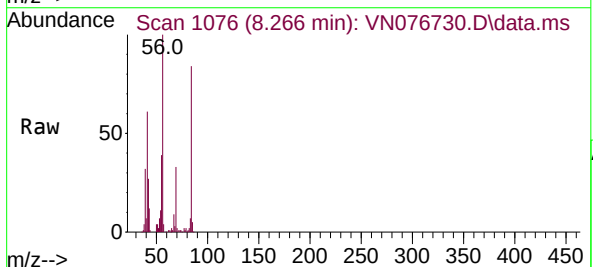
Tgt Ion: 56 Resp: 140058

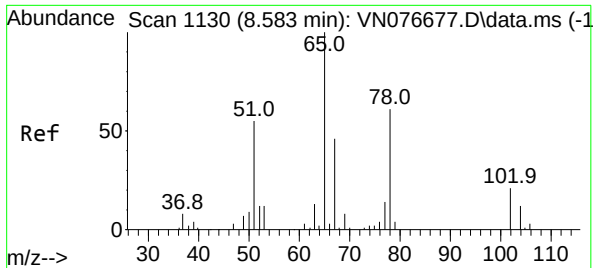
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 87.4 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 31.800 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

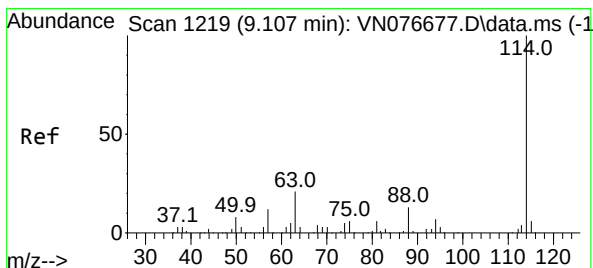
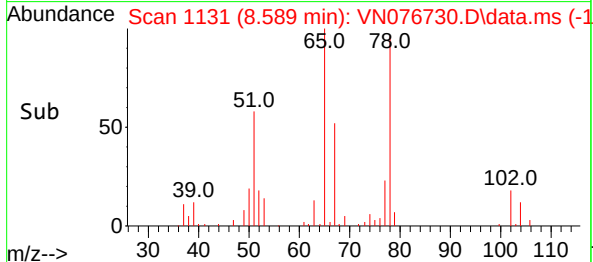
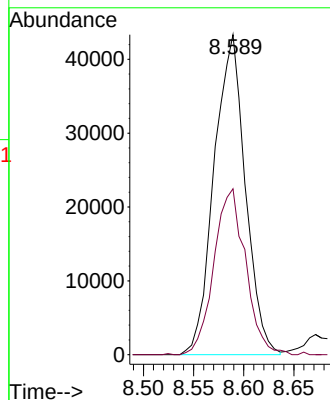
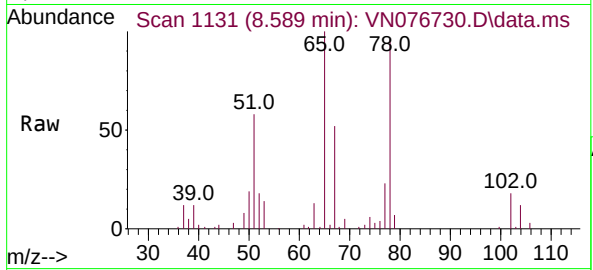
VN0217WBS01

Tgt Ion: 65 Resp: 93675

Ion Ratio Lower Upper

65 100

67 52.5 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

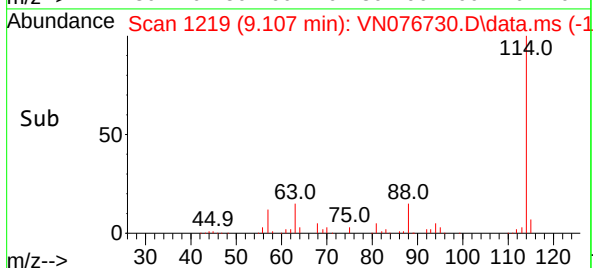
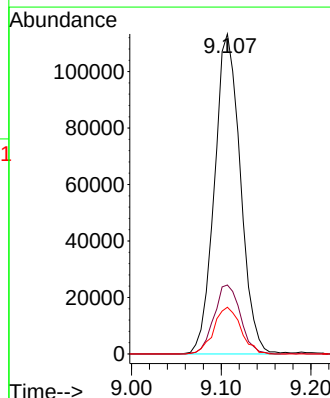
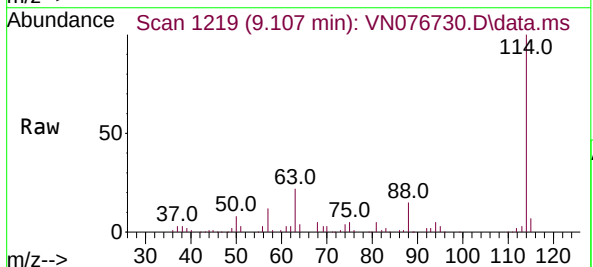
Tgt Ion: 114 Resp: 227177

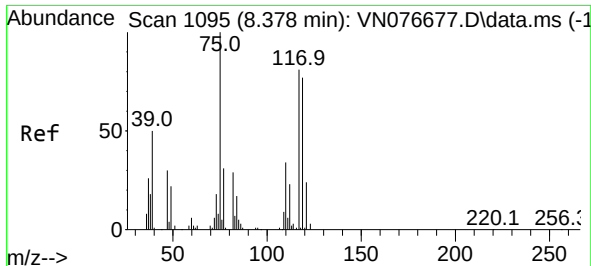
Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

88 15.2 11.6 17.4

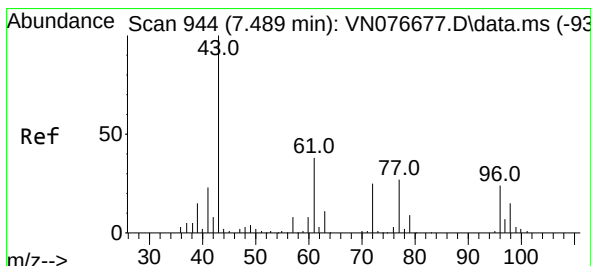
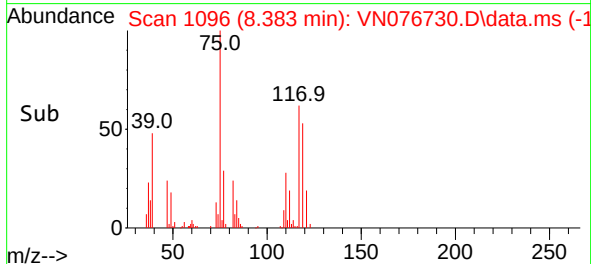
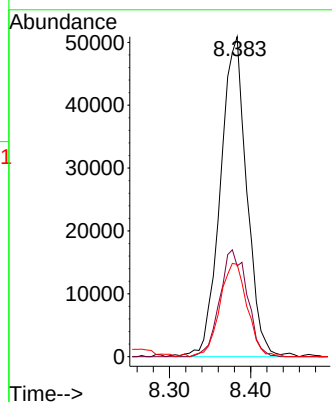
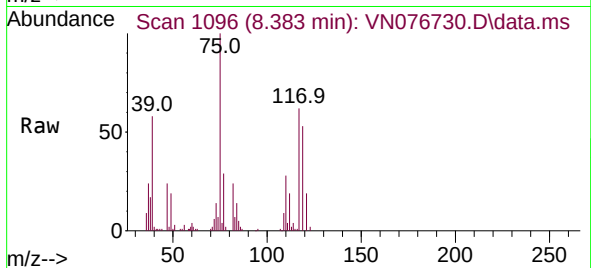




#29
1,1-Dichloropropene
Concen: 22.141 ug/l
RT: 8.383 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

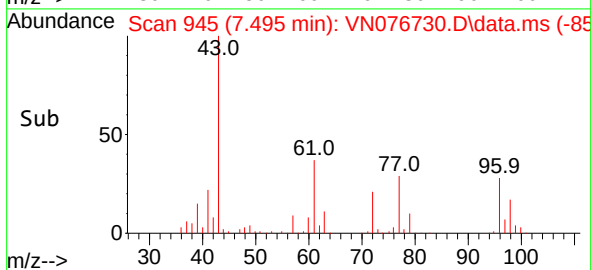
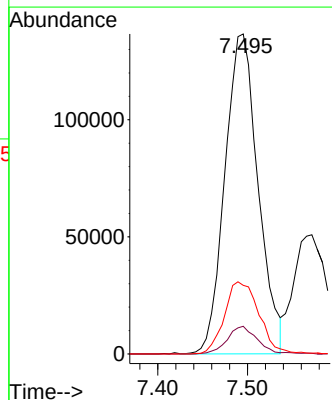
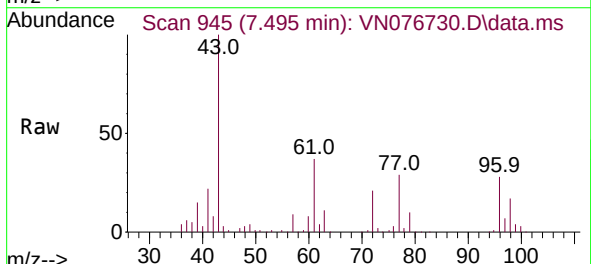
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

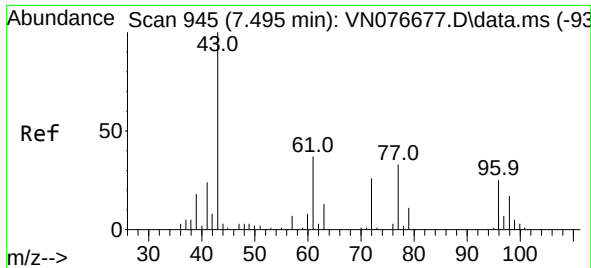
Tgt Ion: 75 Resp: 114738
Ion Ratio Lower Upper
75 100
110 34.7 0.0 67.2
77 30.3 0.0 64.4



#30
2-Butanone
Concen: 116.293 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 43 Resp: 351520
Ion Ratio Lower Upper
43 100
57 7.7 6.1 9.1
72 23.3 20.2 30.4





#31

2,2-Dichloropropane

Concen: 22.337 ug/l

RT: 7.501 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

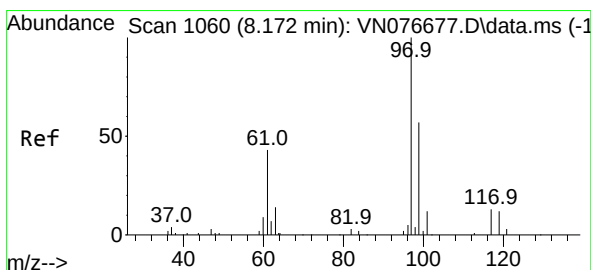
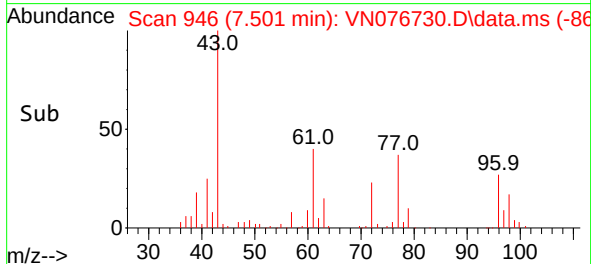
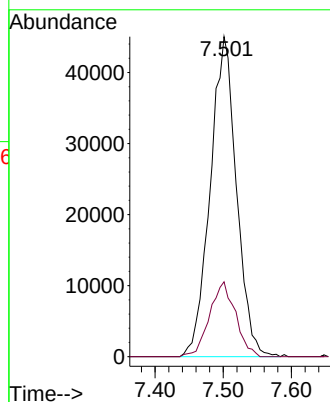
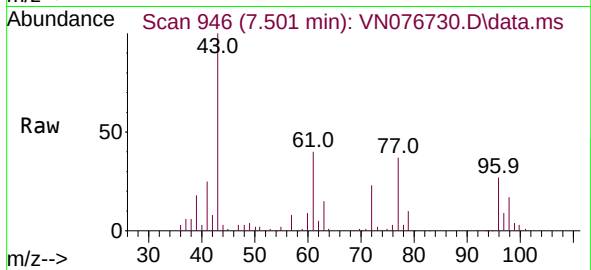
VN0217WBS01

Tgt Ion: 77 Resp: 120972

Ion Ratio Lower Upper

77 100

97 23.1 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 21.561 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

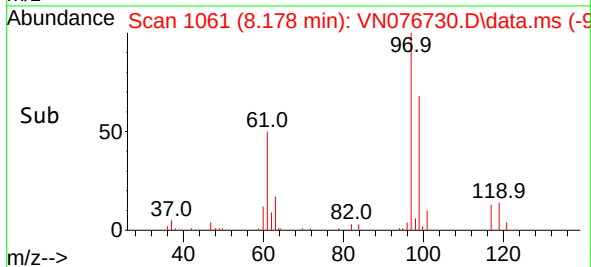
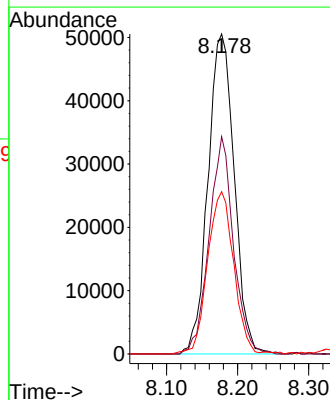
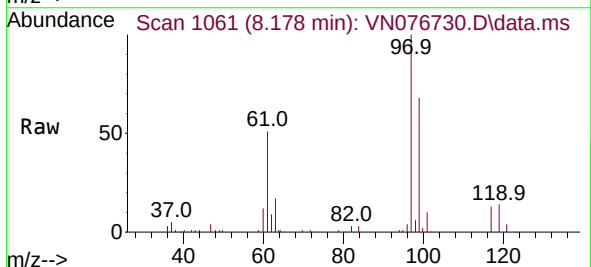
Tgt Ion: 97 Resp: 129710

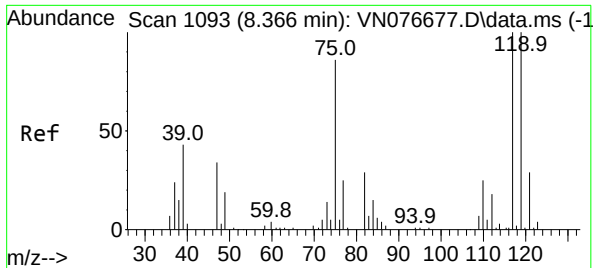
Ion Ratio Lower Upper

97 100

99 63.0 51.8 77.8

61 50.3 39.3 58.9

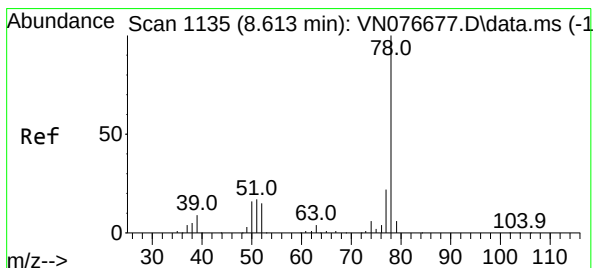
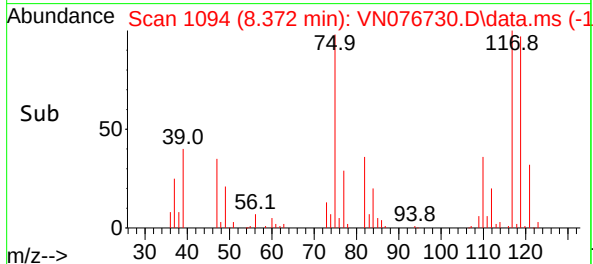
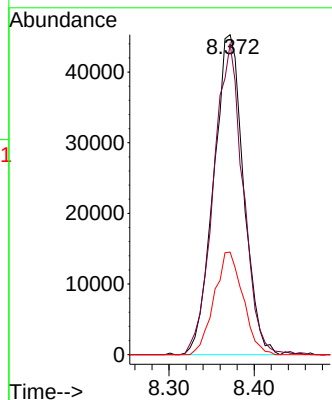
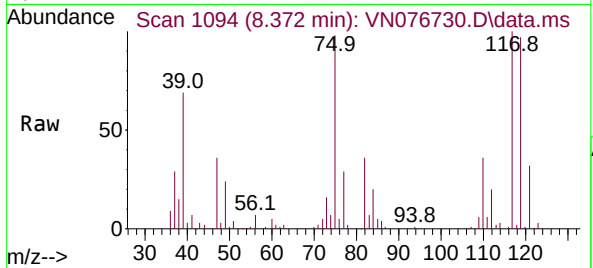




#33
Carbon Tetrachloride
Concen: 21.164 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

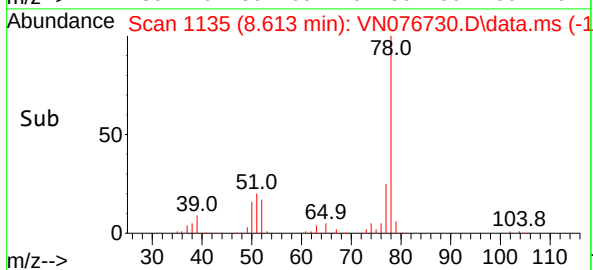
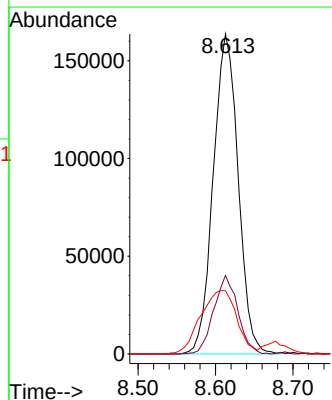
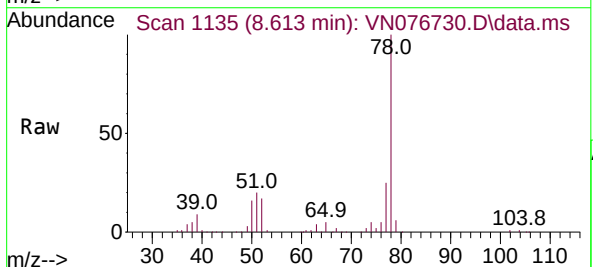
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

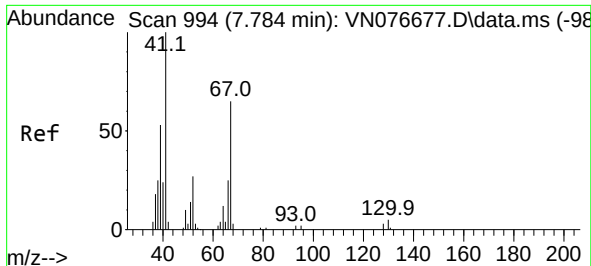
Tgt Ion:117 Resp: 110320
Ion Ratio Lower Upper
117 100
119 97.1 79.8 119.8
121 32.1 23.4 35.0



#34
Benzene
Concen: 22.144 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 78 Resp: 366335
Ion Ratio Lower Upper
78 100
77 24.5 17.4 26.2
51 18.7 13.8 20.6



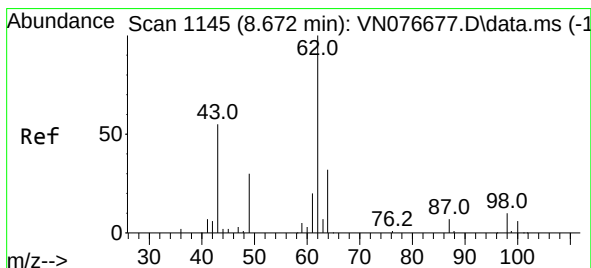
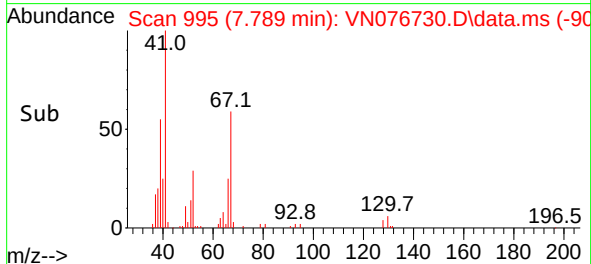
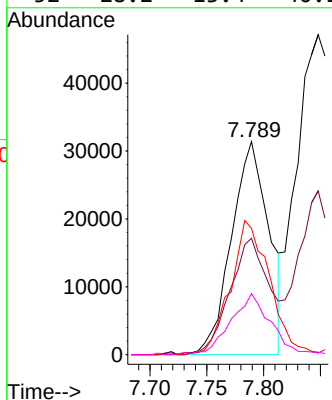
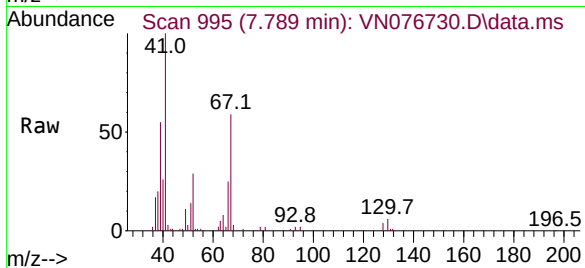


#35
Methacrylonitrile
Concen: 21.754 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

Tgt Ion: 41 Resp: 71726

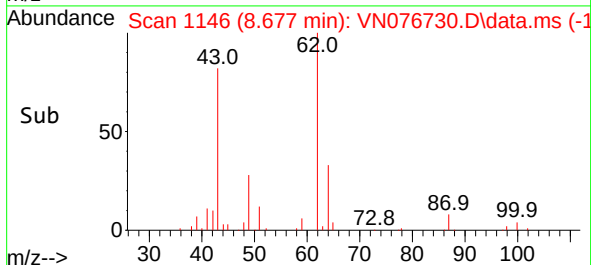
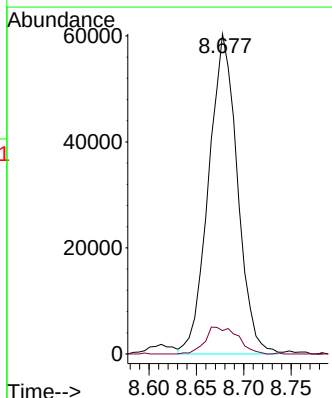
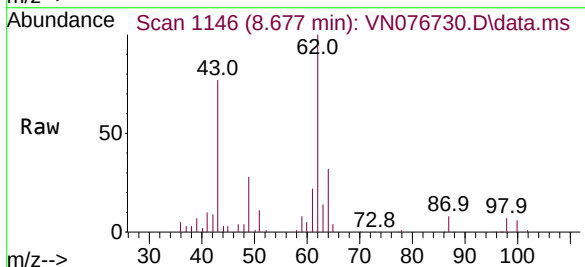
Ion	Ratio	Lower	Upper
41	100		
39	54.6	26.6	79.7
67	59.3	32.3	96.9
52	28.2	13.4	40.1

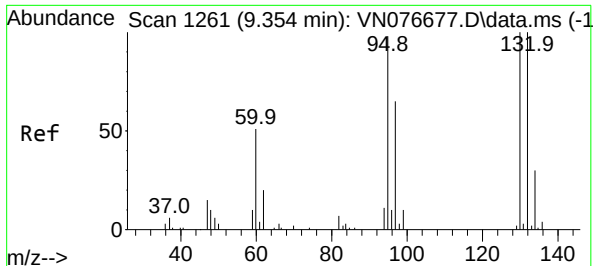


#36
1,2-Dichloroethane
Concen: 23.046 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 62 Resp: 127617

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.4	11.0





#37

Trichloroethene

Concen: 20.158 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

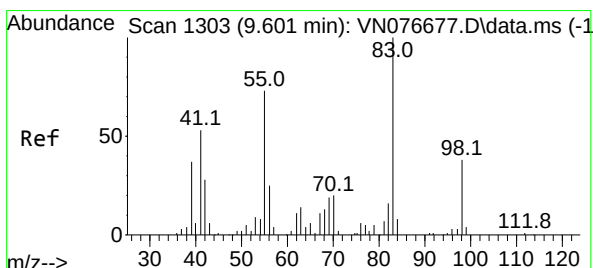
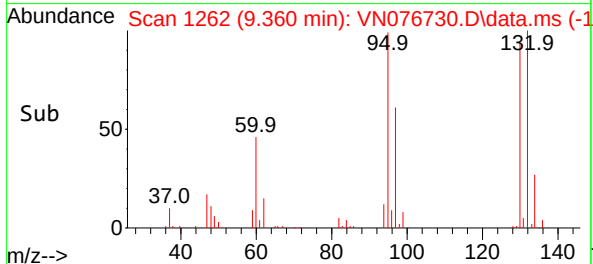
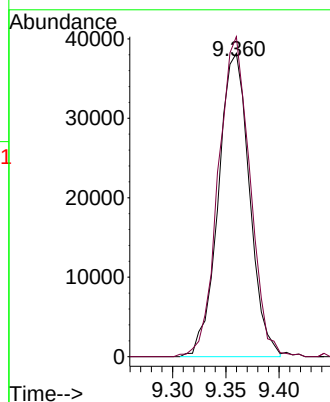
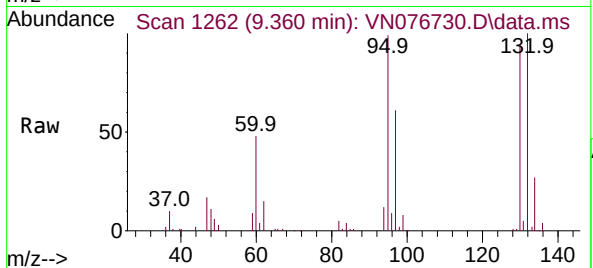
VN0217WBS01

Tgt Ion:130 Resp: 77554

Ion Ratio Lower Upper

130 100

95 104.7 78.7 118.1



#38

Methylcyclohexane

Concen: 21.909 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

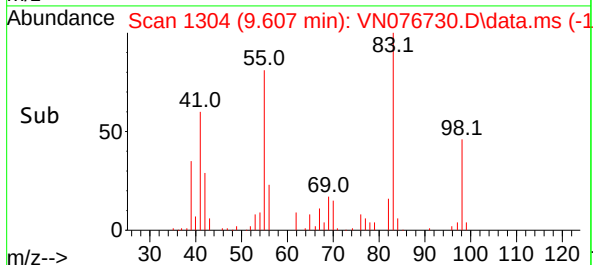
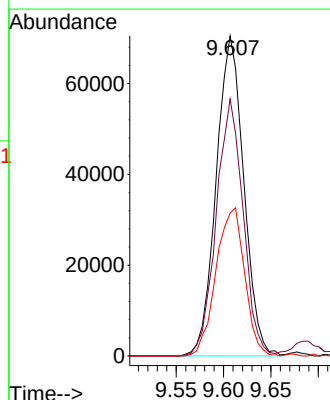
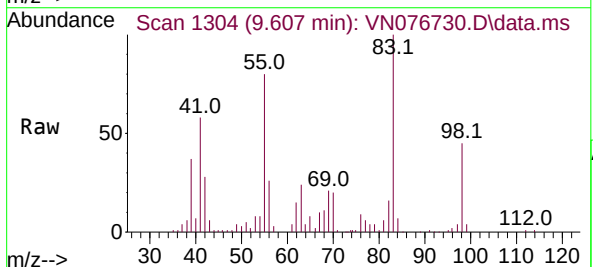
Tgt Ion: 83 Resp: 142874

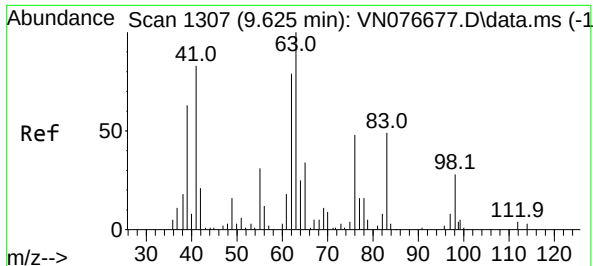
Ion Ratio Lower Upper

83 100

55 78.2 37.6 112.9

98 48.0 24.1 72.4

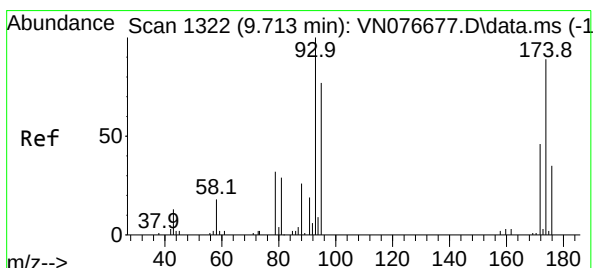
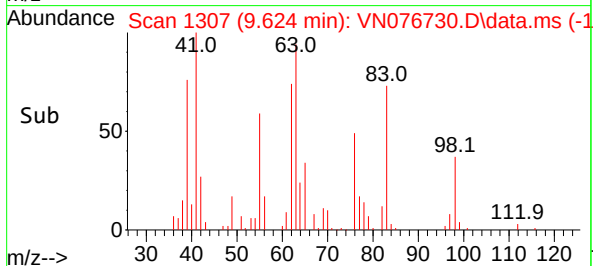
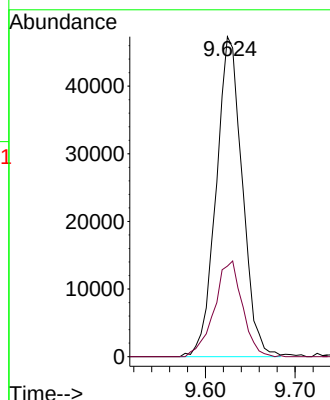
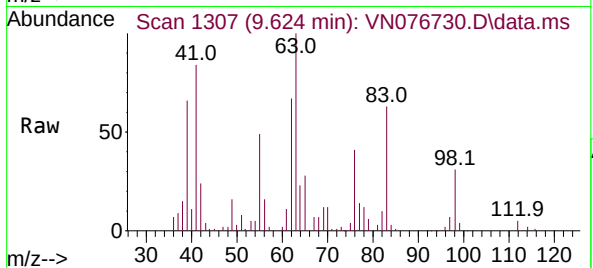




#39
1,2-Dichloropropane
Concen: 22.269 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

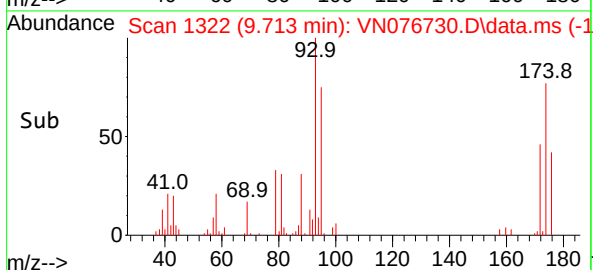
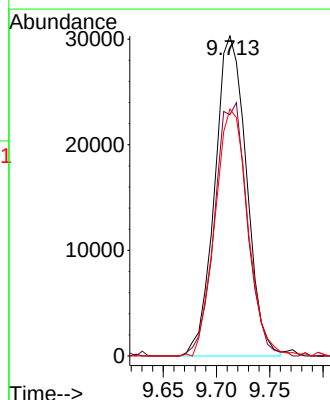
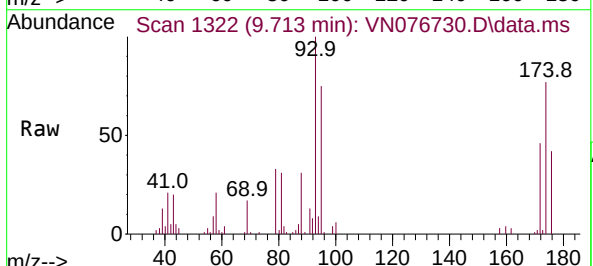
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

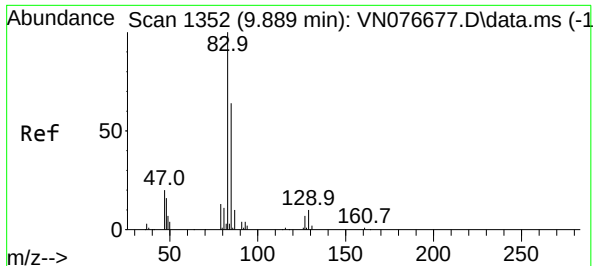
Tgt Ion: 63 Resp: 95745
Ion Ratio Lower Upper
63 100
65 28.3 27.2 40.8



#40
Dibromomethane
Concen: 22.864 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 93 Resp: 62693
Ion Ratio Lower Upper
93 100
95 81.2 0.0 158.0
174 80.3 0.0 171.2

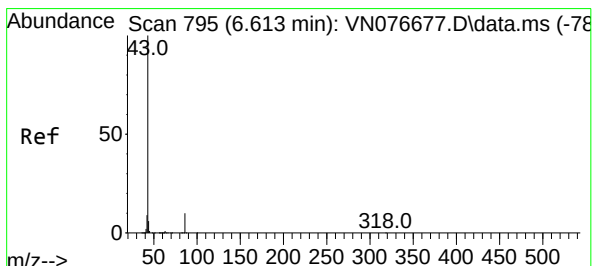
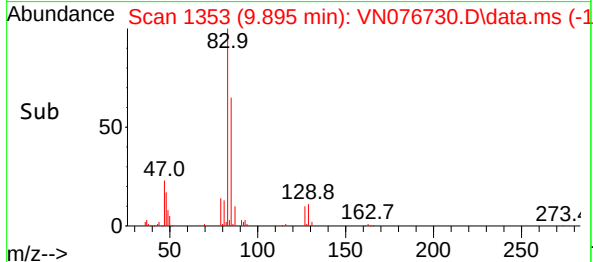
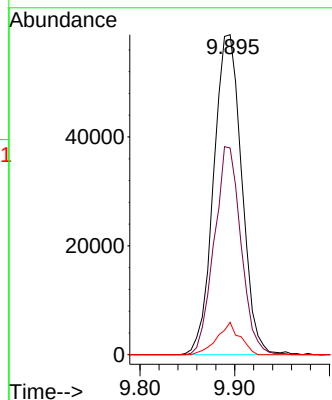
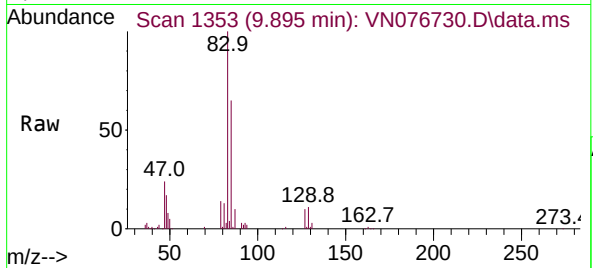




#41
Bromodichloromethane
Concen: 22.006 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

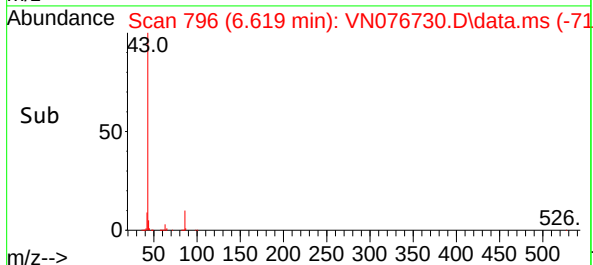
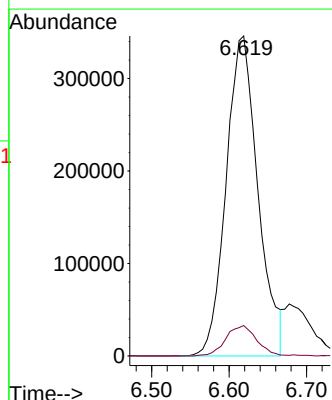
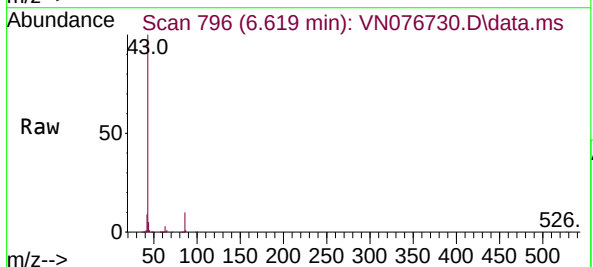
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

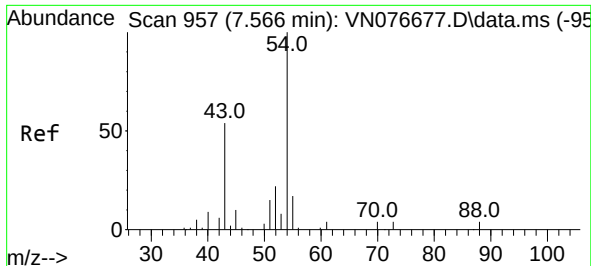
Tgt Ion: 83 Resp: 121036
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 10.1 6.2 9.2#



#42
Vinyl Acetate
Concen: 112.962 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 43 Resp: 989548
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.6

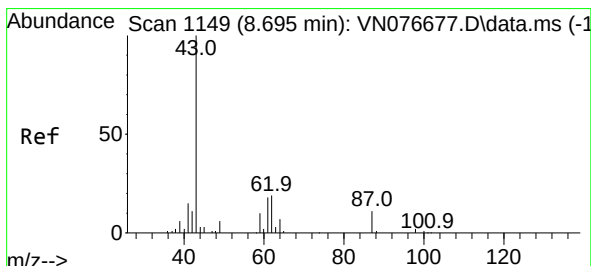
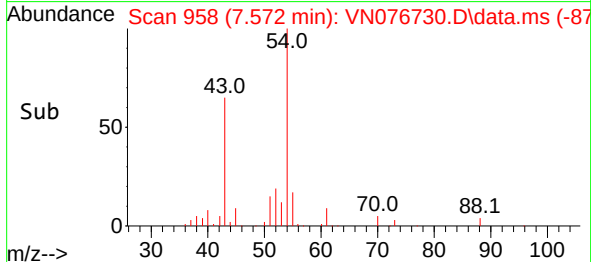
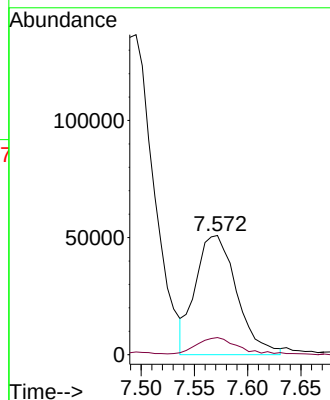
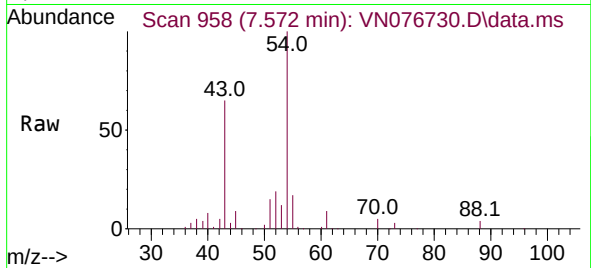




#43
Ethyl Acetate
Concen: 23.777 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

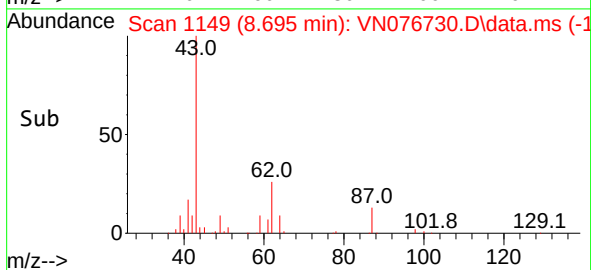
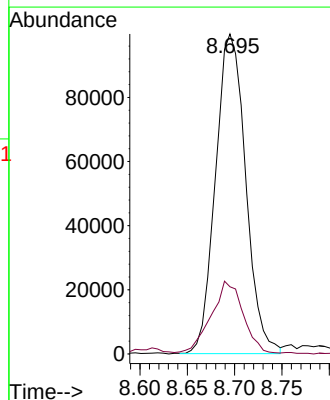
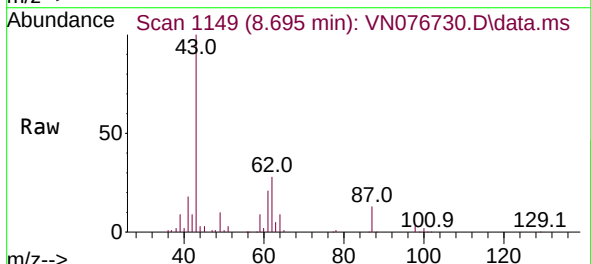
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

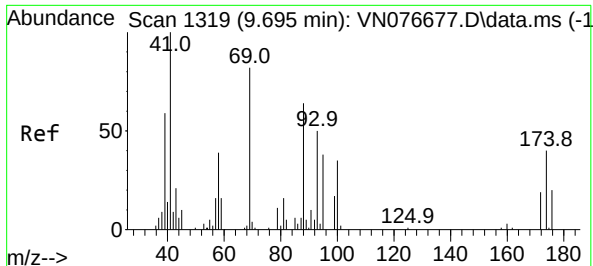
Tgt Ion: 43 Resp: 136927
Ion Ratio Lower Upper
43 100
45 12.6 11.2 16.8



#44
Isopropyl Acetate
Concen: 23.316 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 43 Resp: 221029
Ion Ratio Lower Upper
43 100
61 24.4 19.5 29.3





#45

1,4-Dioxane

Concen: 438.850 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBS01

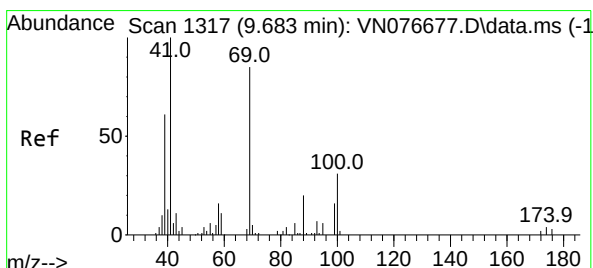
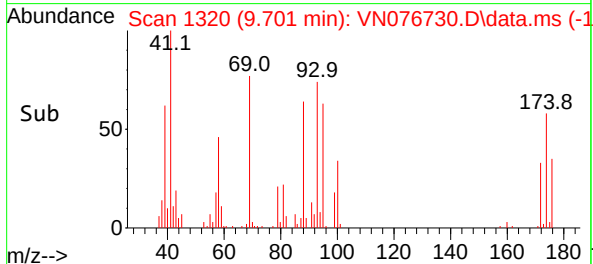
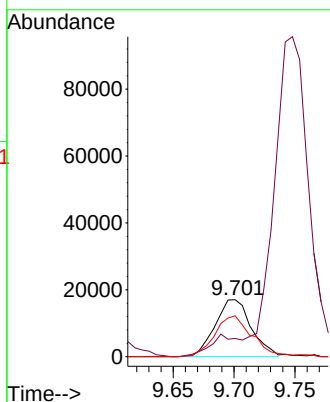
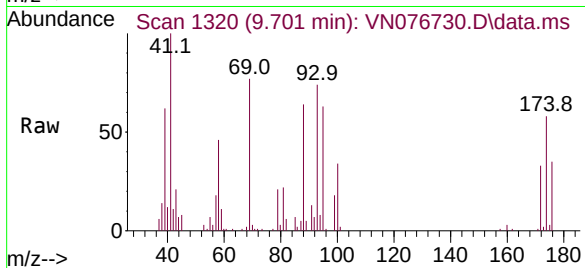
Tgt Ion: 88 Resp: 35210

Ion Ratio Lower Upper

88 100

43 31.6 26.0 39.0

58 73.7 54.3 81.5



#46

Methyl methacrylate

Concen: 24.178 ug/l

RT: 9.689 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

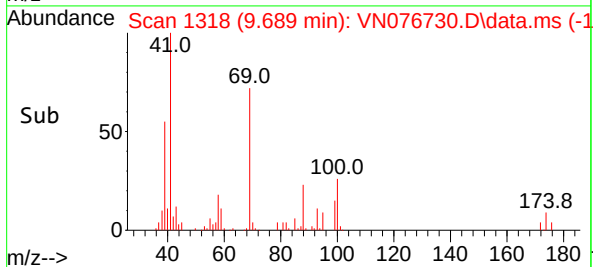
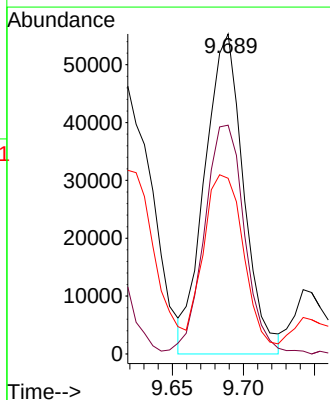
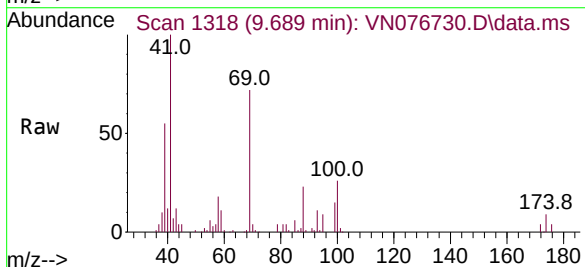
Tgt Ion: 41 Resp: 105215

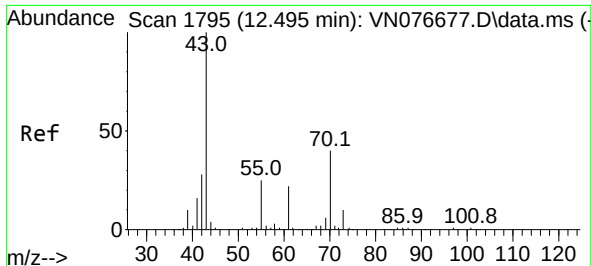
Ion Ratio Lower Upper

41 100

69 74.3 40.6 121.7

39 55.2 30.5 91.5





#47

n-amy1 Acetate

Concen: 23.676 ug/l

RT: 12.501 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

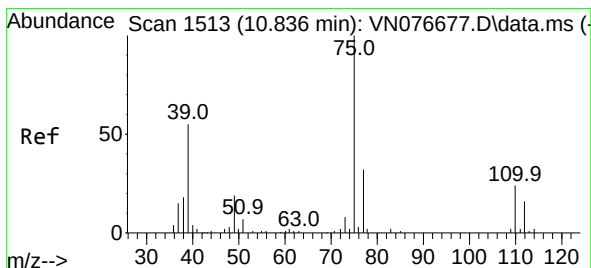
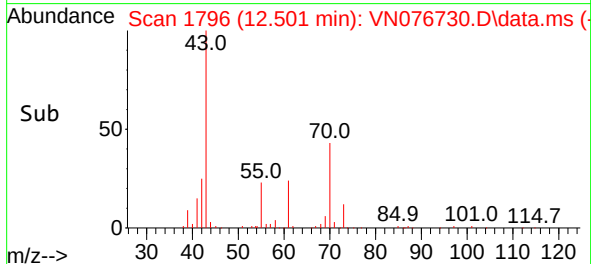
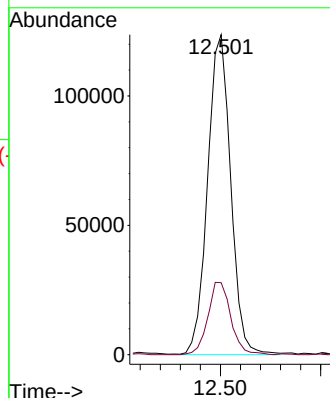
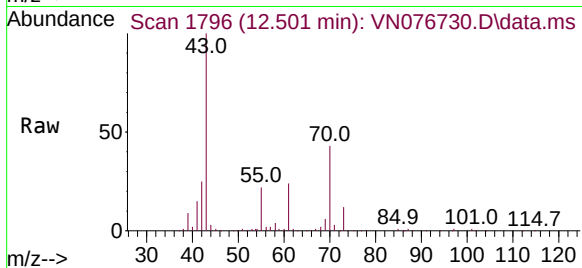
VN0217WBS01

Tgt Ion: 43 Resp: 198199

Ion Ratio Lower Upper

43 100

55 22.4 18.3 27.5



#48

t-1,3-Dichloropropene

Concen: 21.805 ug/l

RT: 10.842 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN076730.D

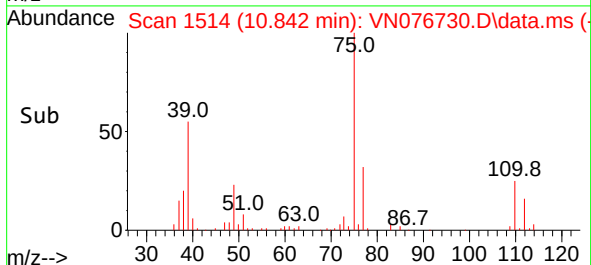
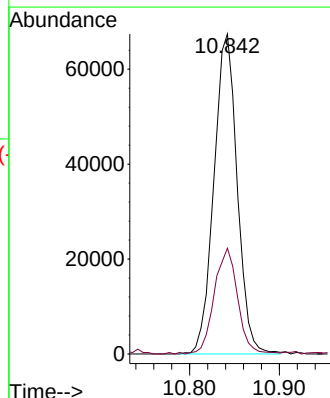
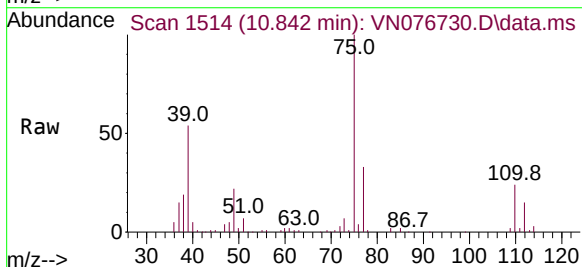
Acq: 17 Feb 2023 13:04

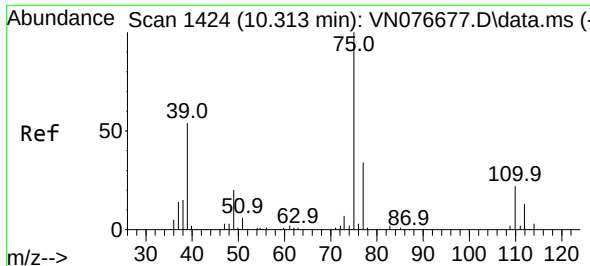
Tgt Ion: 75 Resp: 121638

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2

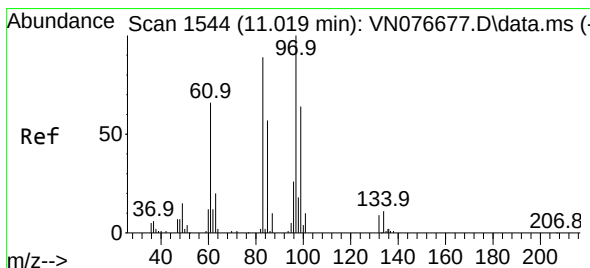
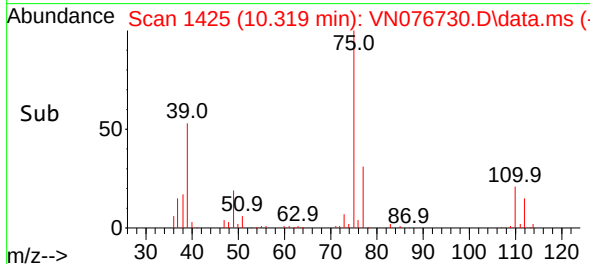
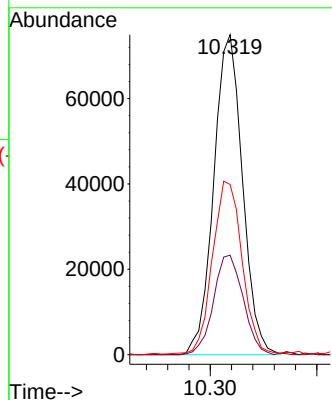
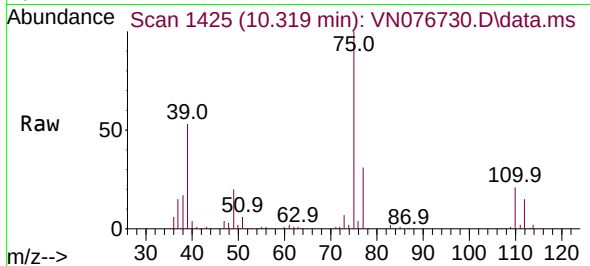




#49
 cis-1,3-Dichloropropene
 Concen: 22.095 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

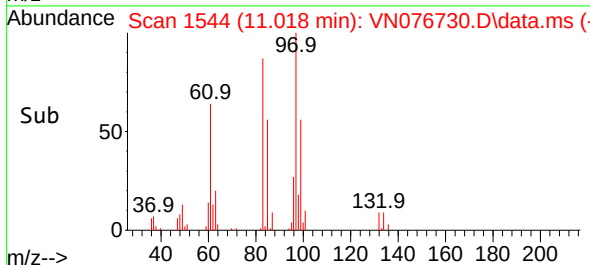
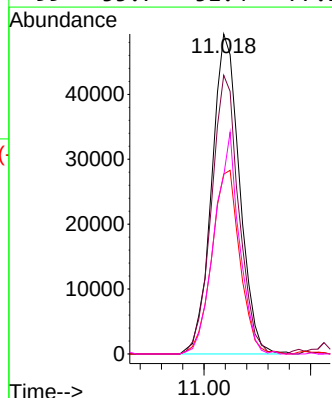
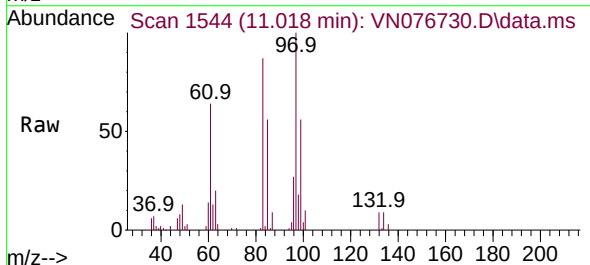
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBS01

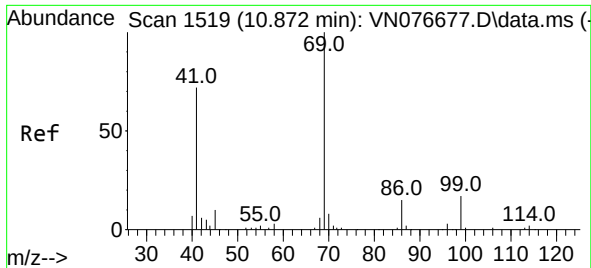
Tgt Ion: 75 Resp: 140292
 Ion Ratio Lower Upper
 75 100
 77 31.1 27.5 41.3
 39 52.8 43.5 65.3



#50
 1,1,2-Trichloroethane
 Concen: 22.374 ug/l
 RT: 11.018 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

Tgt Ion: 97 Resp: 89185
 Ion Ratio Lower Upper
 97 100
 83 87.1 71.0 106.4
 85 56.2 45.5 68.3
 99 55.7 51.4 77.2

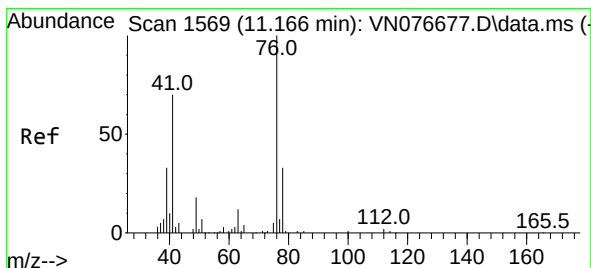
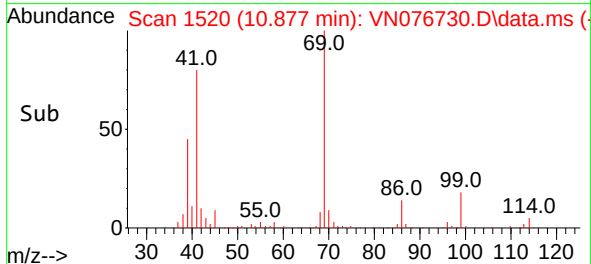
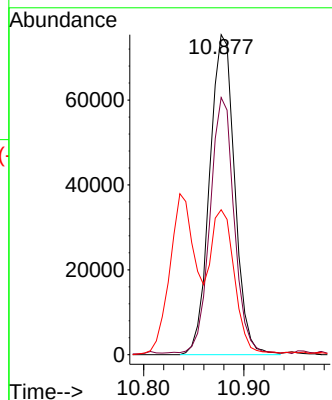
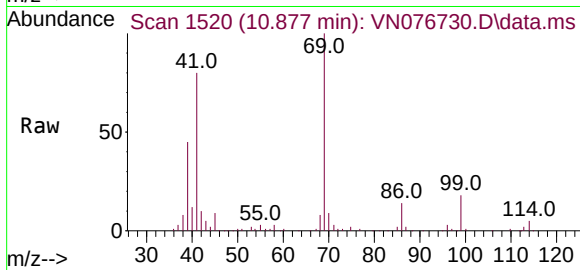




#51
Ethyl methacrylate
Concen: 22.586 ug/l
RT: 10.877 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

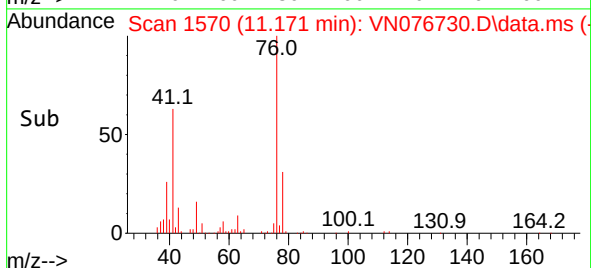
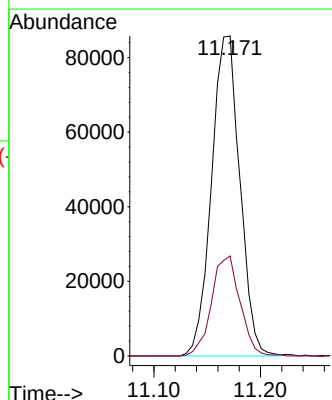
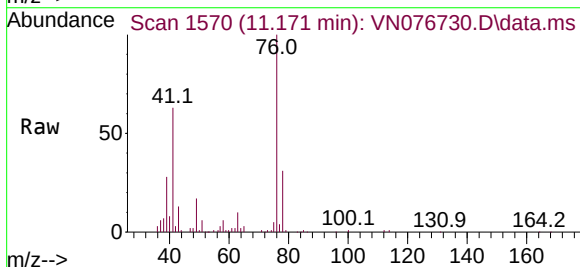
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

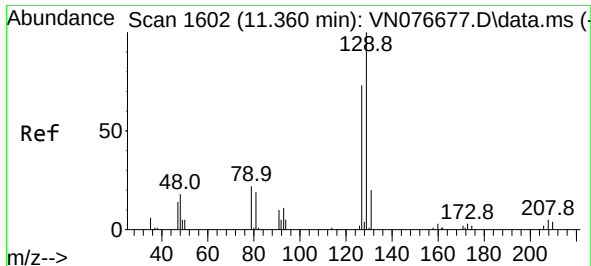
Tgt Ion: 69 Resp: 130712
Ion Ratio Lower Upper
69 100
41 79.8 36.3 108.7
39 44.8 19.9 59.7



#52
1,3-Dichloropropane
Concen: 23.142 ug/l
RT: 11.171 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 76 Resp: 158586
Ion Ratio Lower Upper
76 100
78 31.3 0.0 65.4

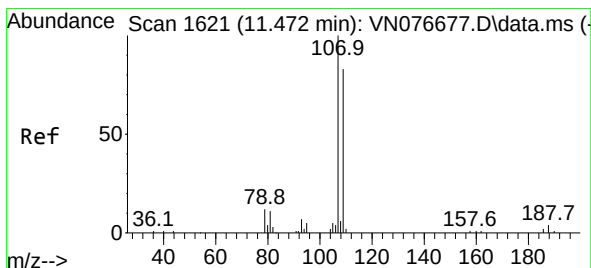
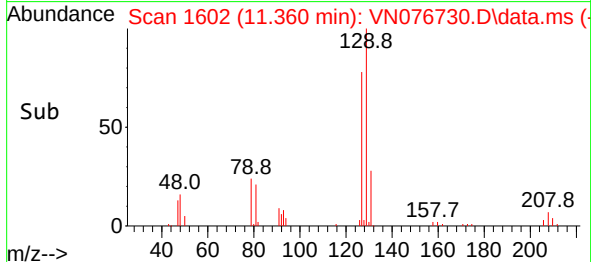
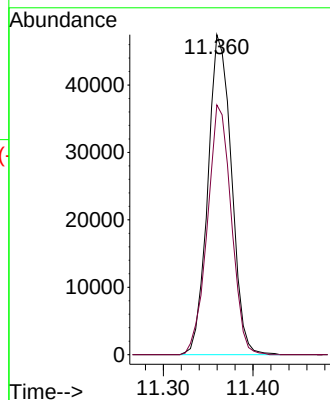
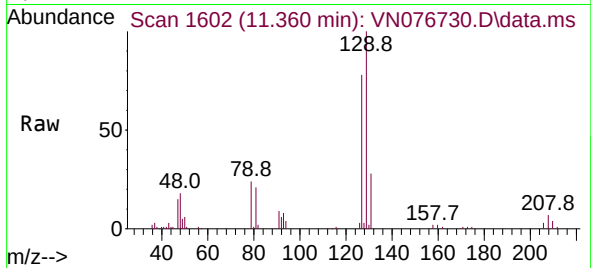




#53
Dibromochloromethane
Concen: 21.197 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

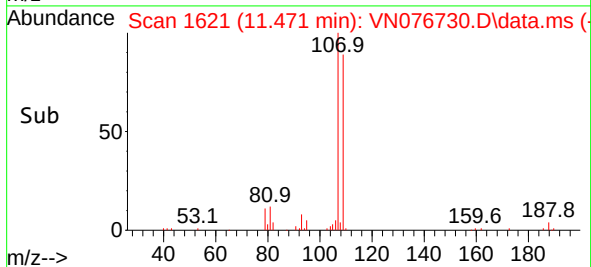
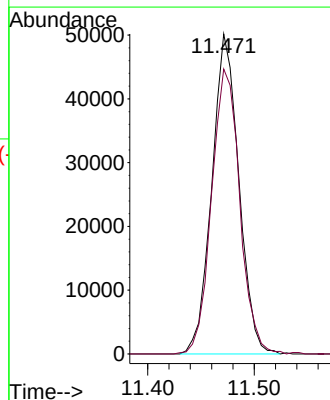
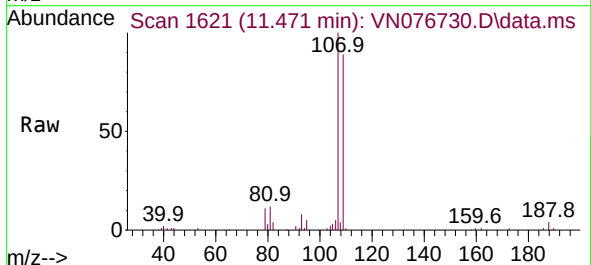
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

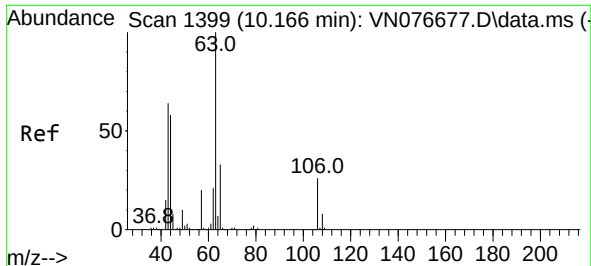
Tgt Ion:129 Resp: 86792
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.1



#54
1,2-Dibromoethane
Concen: 22.714 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:107 Resp: 88139
Ion Ratio Lower Upper
107 100
109 93.0 74.6 112.0

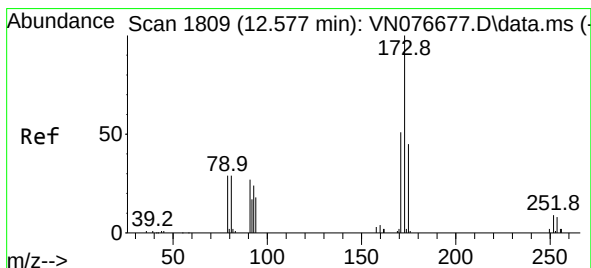
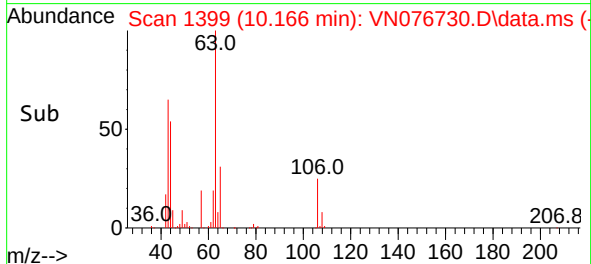
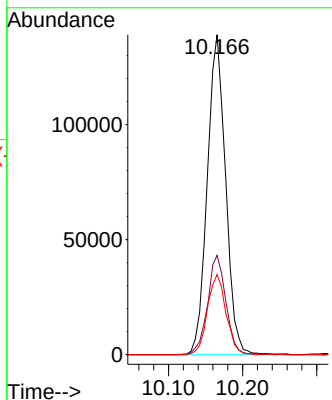
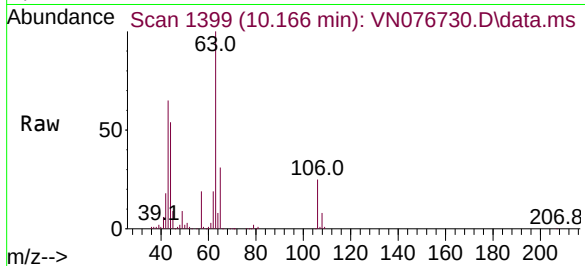




#55
2-Chloroethyl vinyl ether
Concen: 93.238 ug/l
RT: 10.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

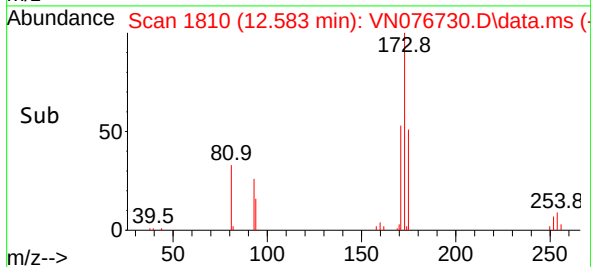
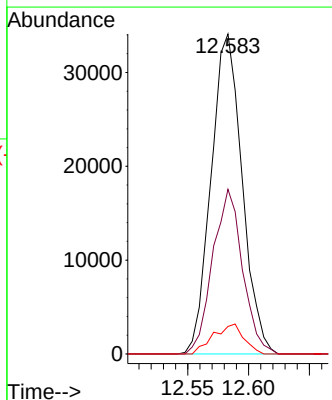
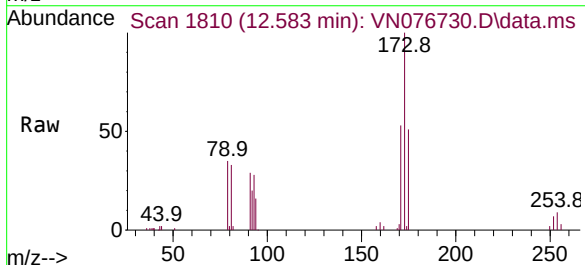
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

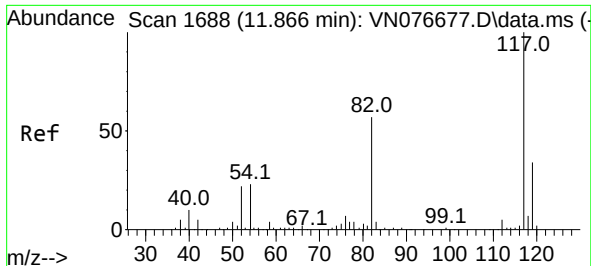
Tgt Ion: 63 Resp: 239210
Ion Ratio Lower Upper
63 100
65 30.7 26.3 39.5
106 25.3 21.6 32.4



#56
Bromoform
Concen: 21.448 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:173 Resp: 60482
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.6
254 9.1 7.3 10.9

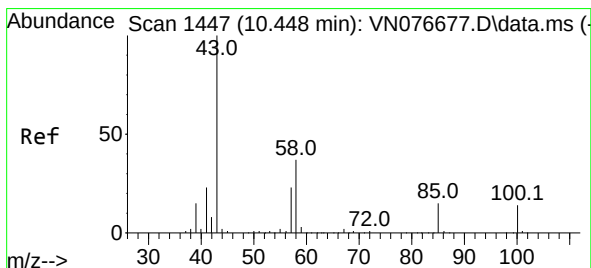
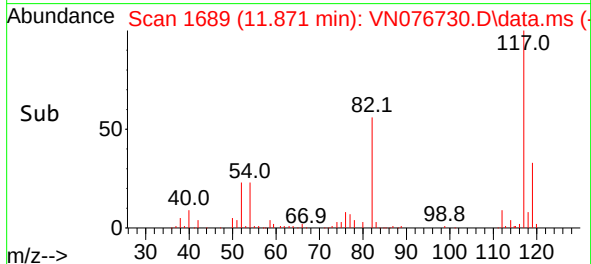
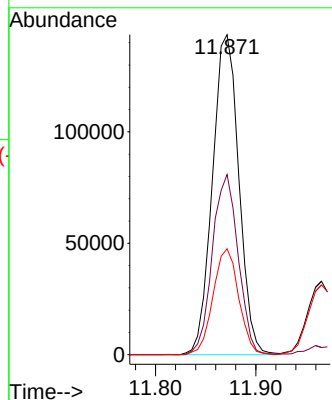
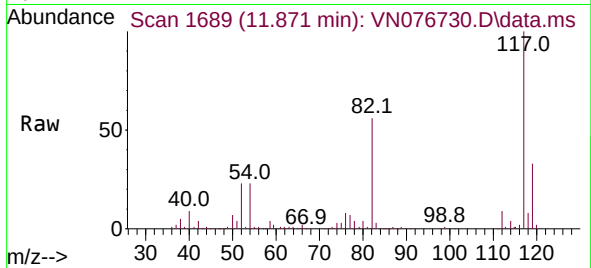




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

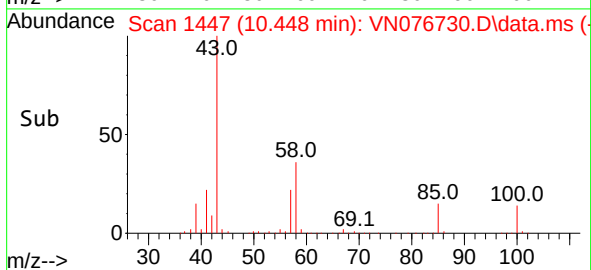
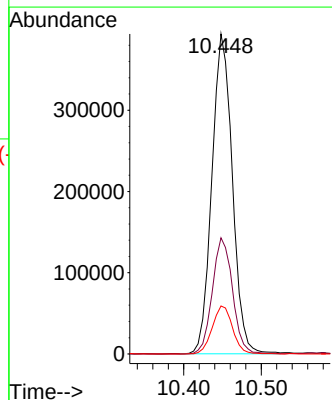
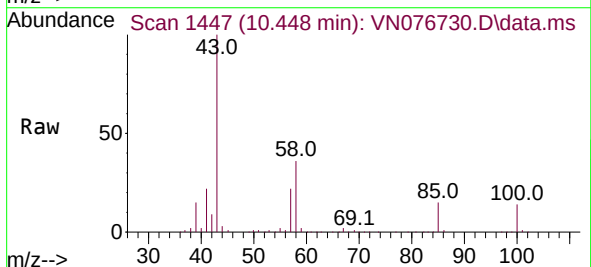
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

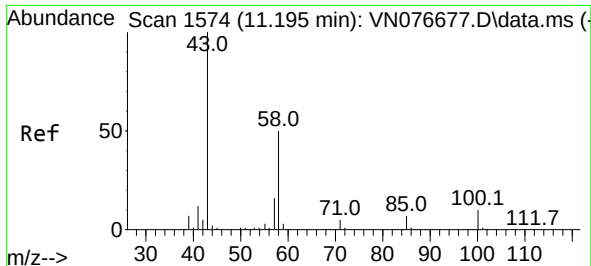
Tgt Ion:117 Resp: 263263
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 32.1 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 115.237 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 43 Resp: 721546
Ion Ratio Lower Upper
43 100
58 35.9 28.6 42.8
85 14.9 11.8 17.8

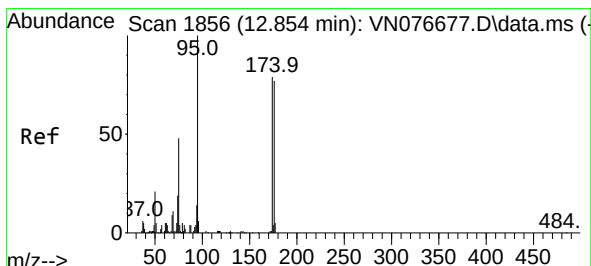
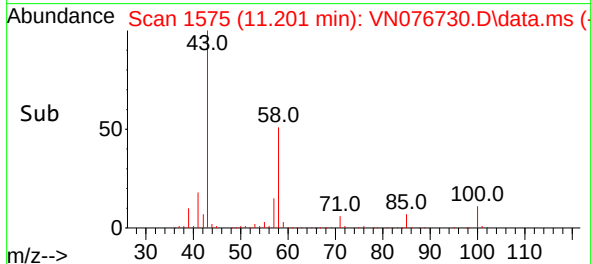
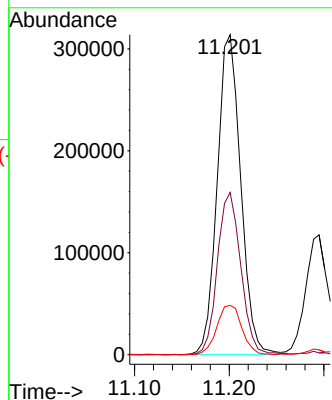
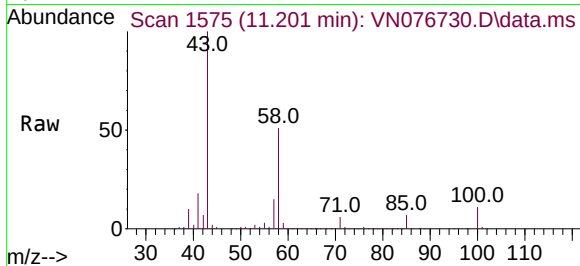




#59
2-Hexanone
Concen: 116.287 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

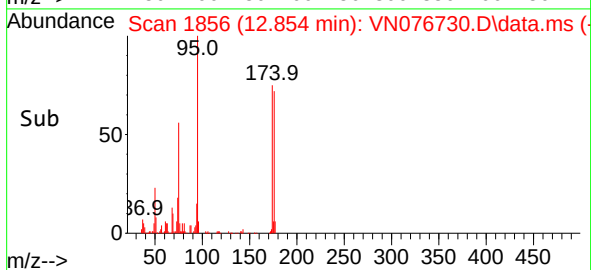
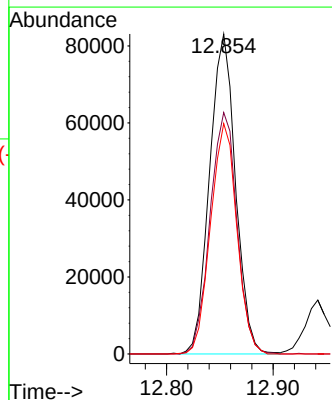
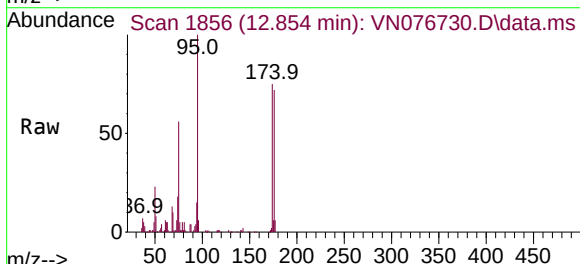
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

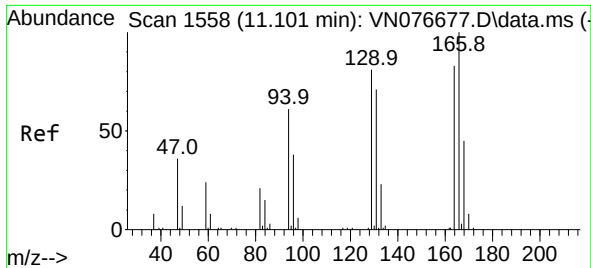
Tgt Ion: 43 Resp: 541587
Ion Ratio Lower Upper
43 100
58 50.5 40.6 60.8
57 16.5 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 30.251 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 95 Resp: 140866
Ion Ratio Lower Upper
95 100
174 77.9 64.2 96.4
176 72.7 61.4 92.0

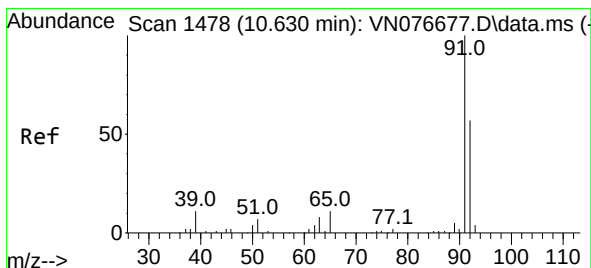
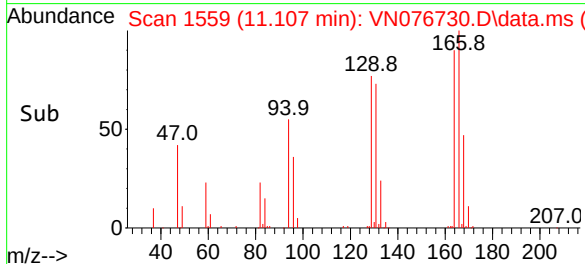
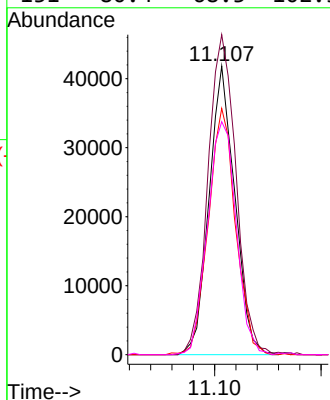
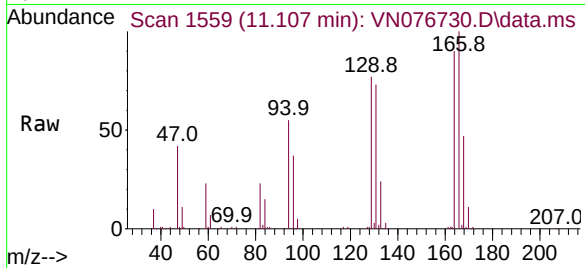




#61
Tetrachloroethene
Concen: 21.150 ug/l
RT: 11.107 min Scan# 11559
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

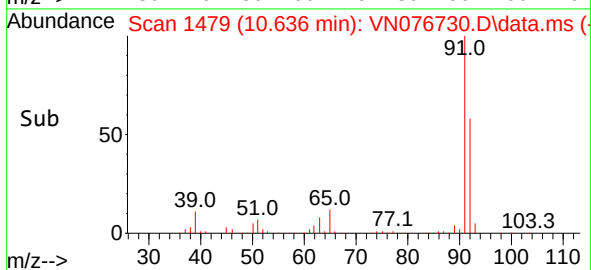
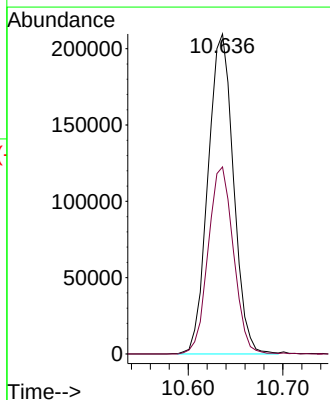
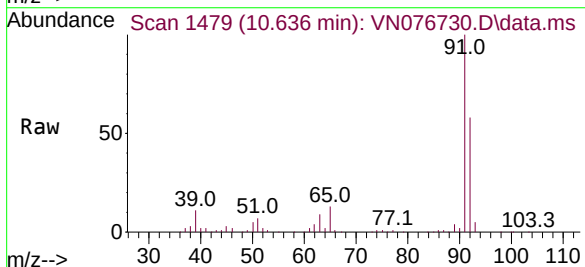
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

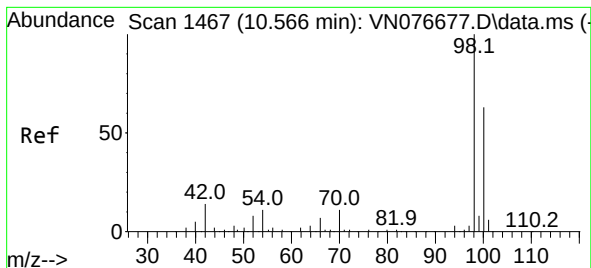
Tgt Ion:164 Resp: 70311
Ion Ratio Lower Upper
164 100
166 110.9 96.2 144.2
129 85.4 78.2 117.4
131 80.4 68.3 102.5



#62
Toluene
Concen: 21.320 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 91 Resp: 392255
Ion Ratio Lower Upper
91 100
92 58.1 46.3 69.5





#63

Toluene-d8

Concen: 29.108 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

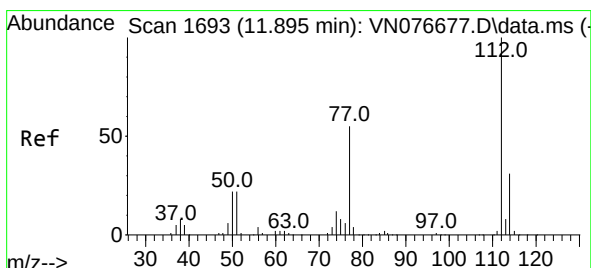
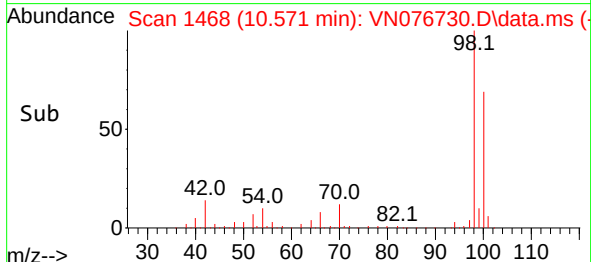
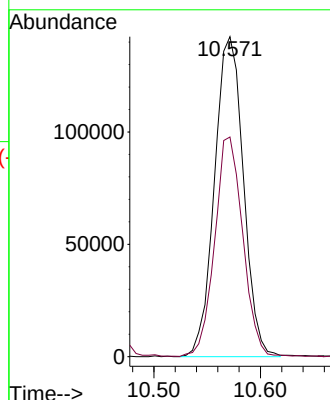
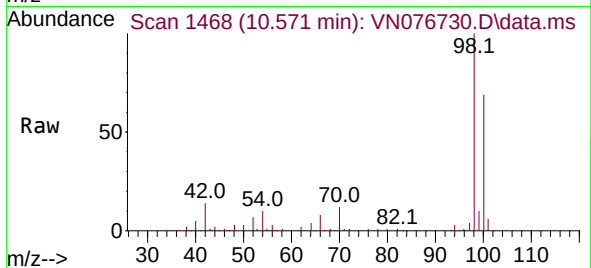
VN0217WBS01

Tgt Ion: 98 Resp: 268414

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



#64

Chlorobenzene

Concen: 20.844 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN076730.D

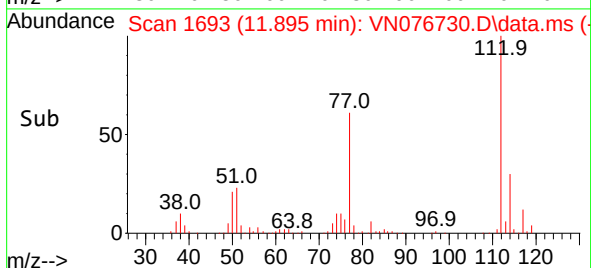
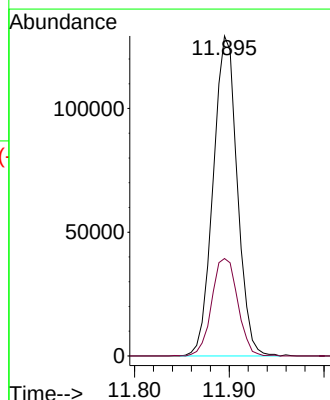
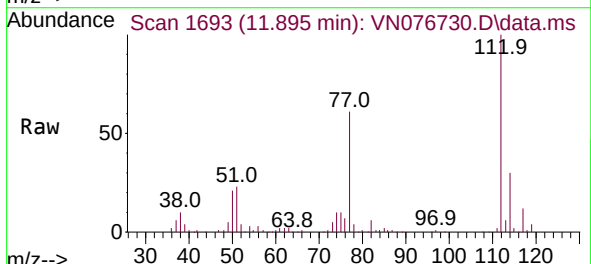
Acq: 17 Feb 2023 13:04

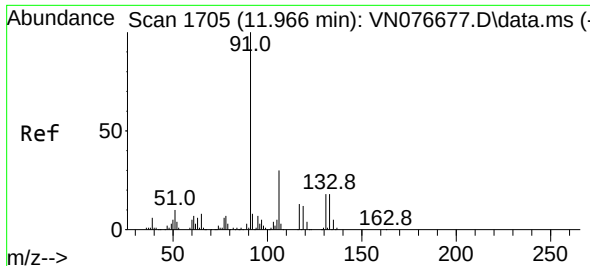
Tgt Ion: 112 Resp: 228478

Ion Ratio Lower Upper

112 100

114 30.4 24.5 36.7

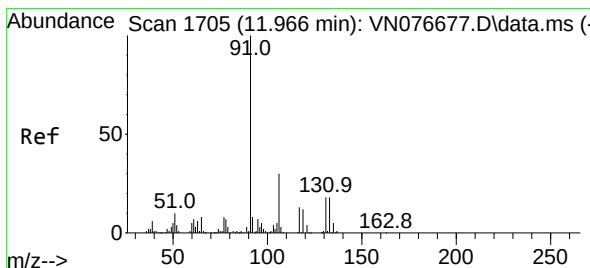
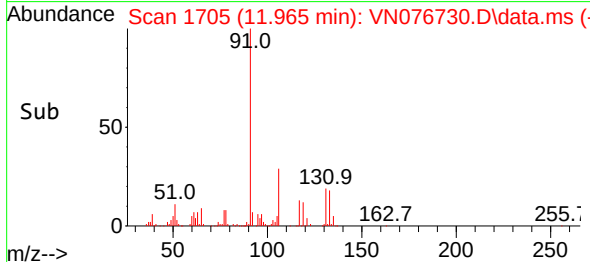
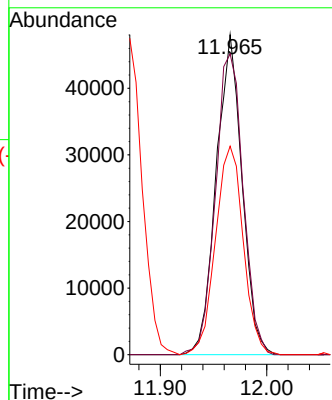
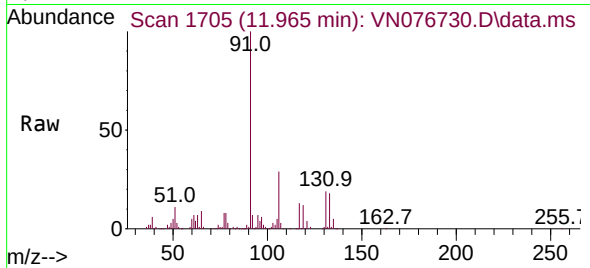




#65
1,1,1,2-Tetrachloroethane
Concen: 20.133 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

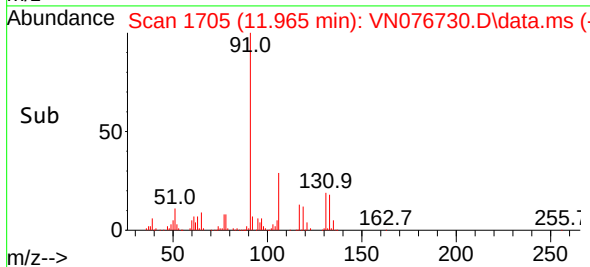
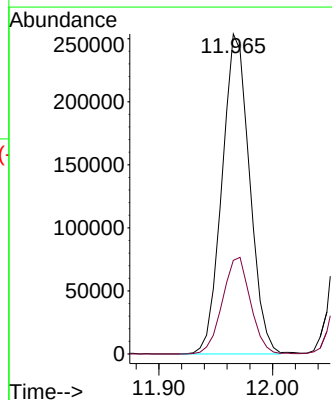
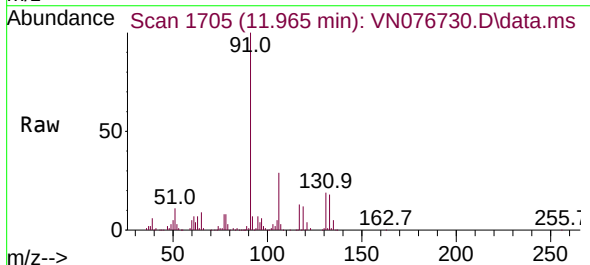
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

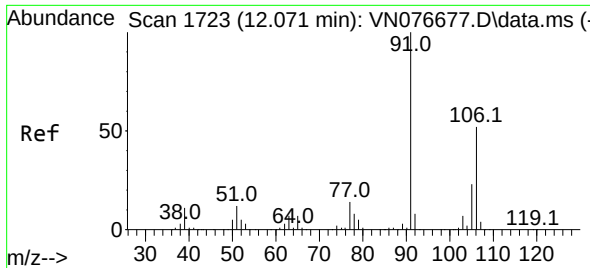
Tgt Ion:131 Resp: 80898
Ion Ratio Lower Upper
131 100
133 100.8 0.0 197.6
119 70.0 0.0 127.8



#66
Ethyl Benzene
Concen: 21.861 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 91 Resp: 427578
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.8





#67

m/p-Xylenes

Concen: 44.468 ug/l

RT: 12.077 min Scan# 1723

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

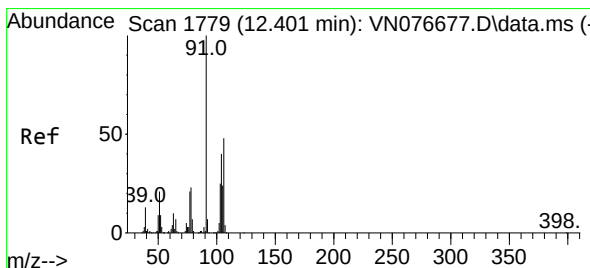
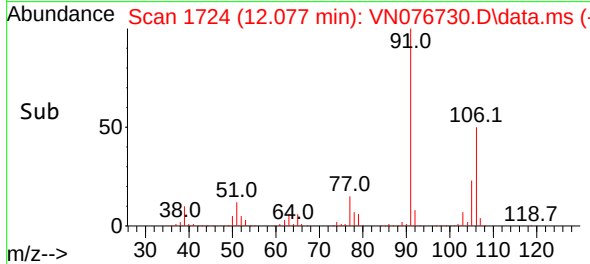
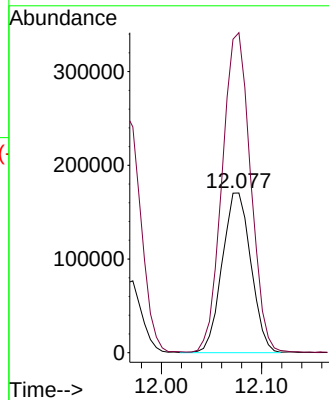
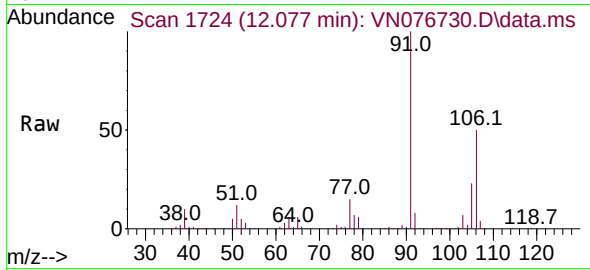
VN0217WBS01

Tgt Ion:106 Resp: 340122

Ion Ratio Lower Upper

106 100

91 198.5 157.4 236.2



#68

o-Xylene

Concen: 21.402 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN076730.D

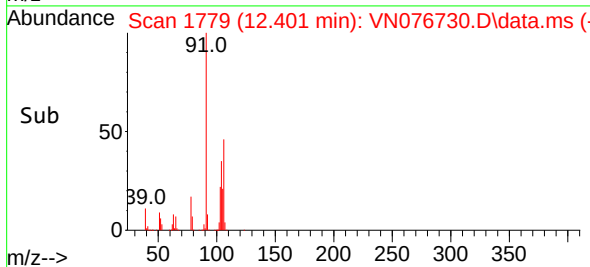
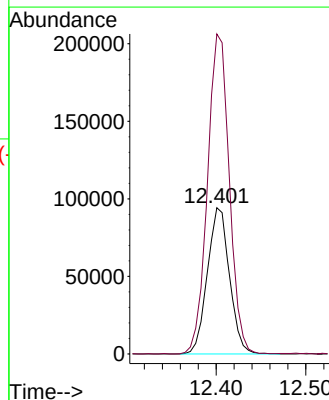
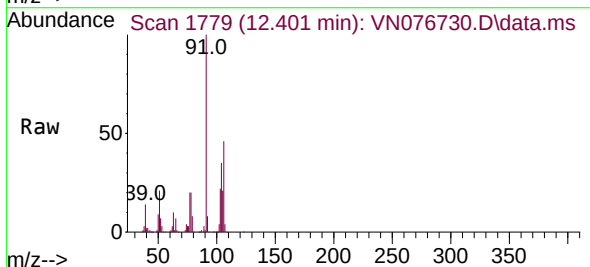
Acq: 17 Feb 2023 13:04

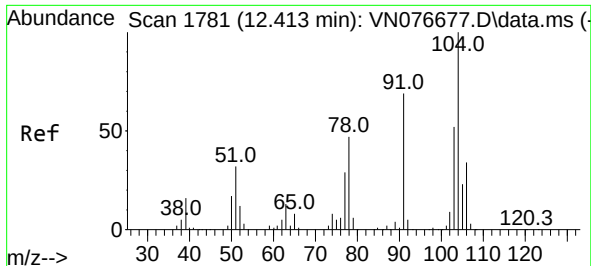
Tgt Ion:106 Resp: 161314

Ion Ratio Lower Upper

106 100

91 216.3 107.2 321.6

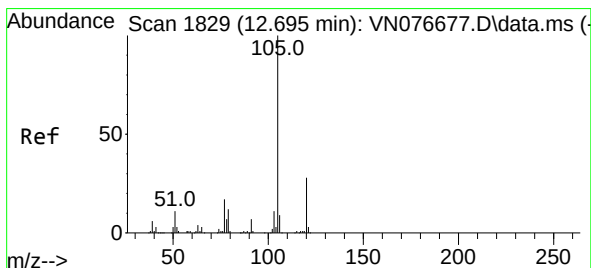
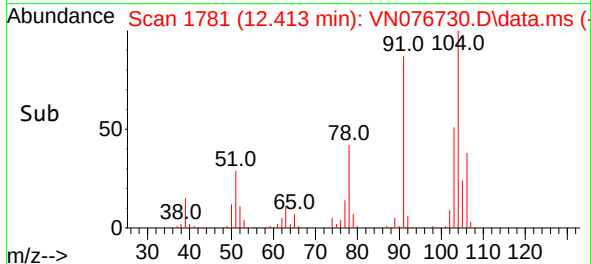
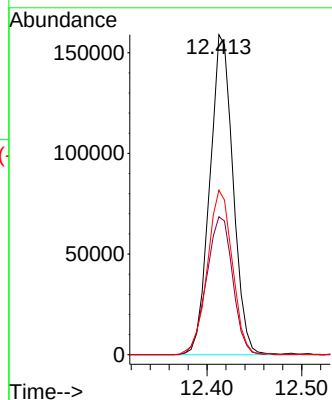
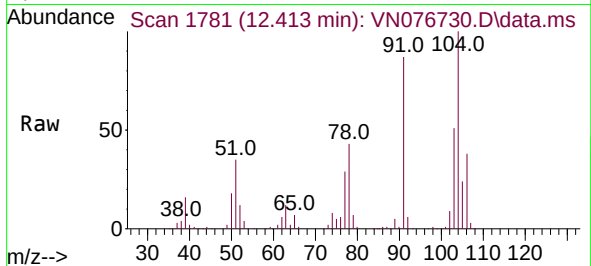




#69
Styrene
Concen: 22.427 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

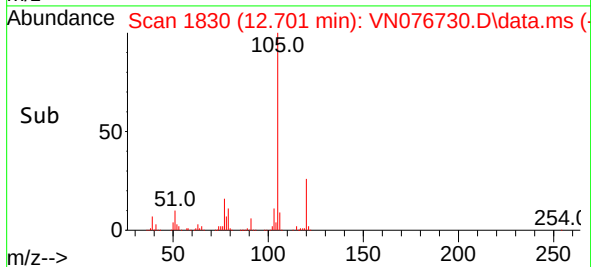
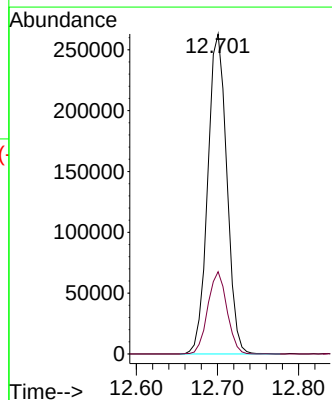
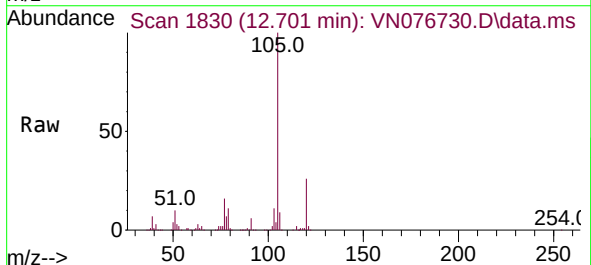
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

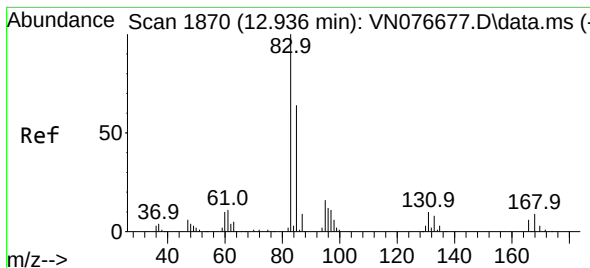
Tgt Ion:104 Resp: 271380
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 55.1 43.9 65.9



#70
Isopropylbenzene
Concen: 22.274 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:105 Resp: 428321
Ion Ratio Lower Upper
105 100
120 25.8 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 22.462 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBS01

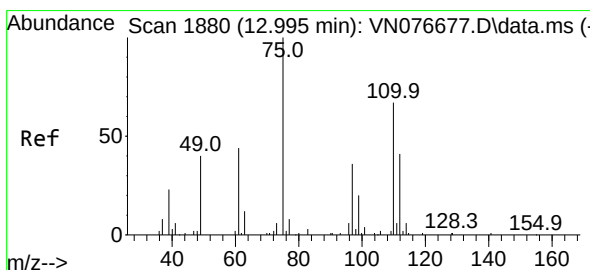
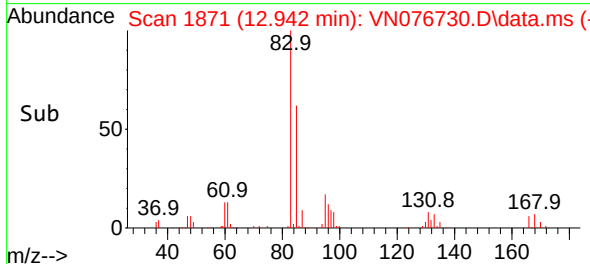
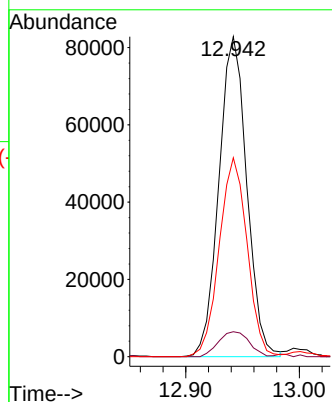
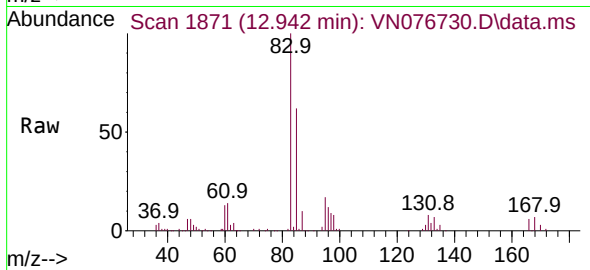
Tgt Ion: 83 Resp: 141310

Ion Ratio Lower Upper

83 100

131 8.6 5.0 14.9

85 62.2 32.3 96.9



#72

1,2,3-Trichloropropane

Concen: 29.519 ug/l

RT: 13.001 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN076730.D

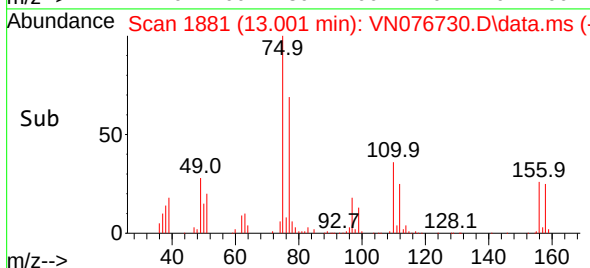
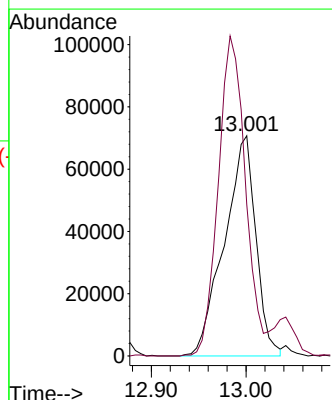
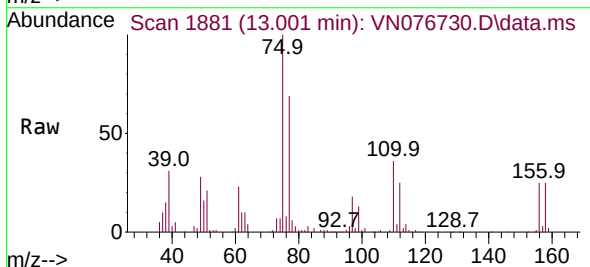
Acq: 17 Feb 2023 13:04

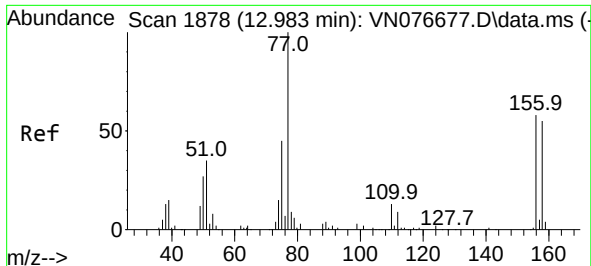
Tgt Ion: 75 Resp: 163590

Ion Ratio Lower Upper

75 100

77 124.6 0.0 332.6

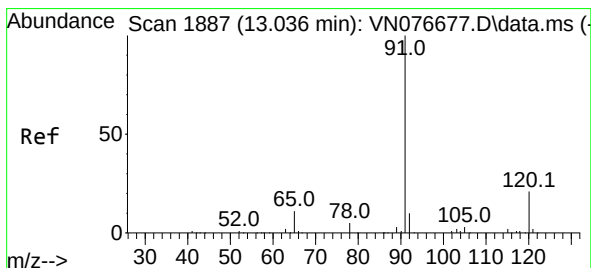
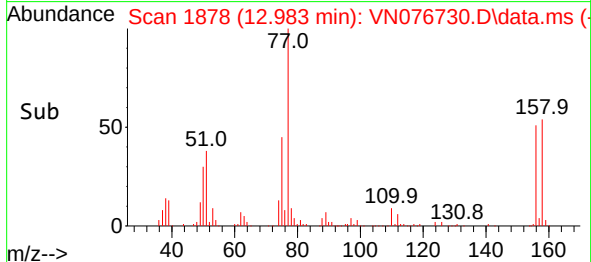
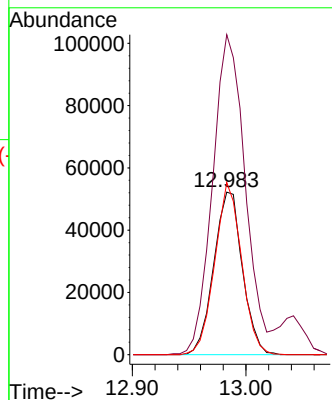
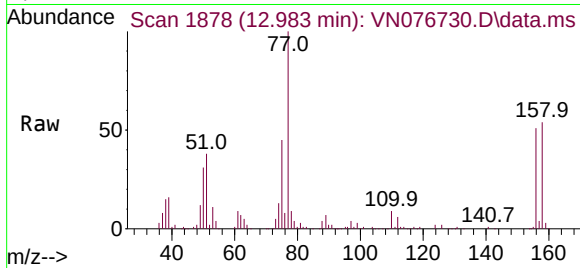




#73
Bromobenzene
Concen: 20.552 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

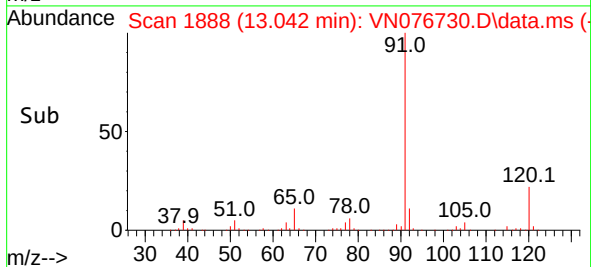
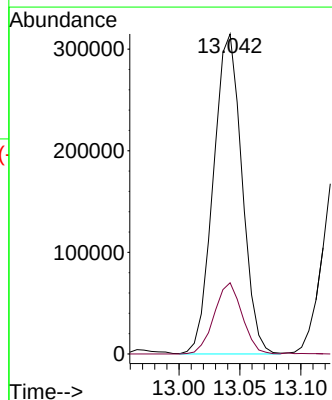
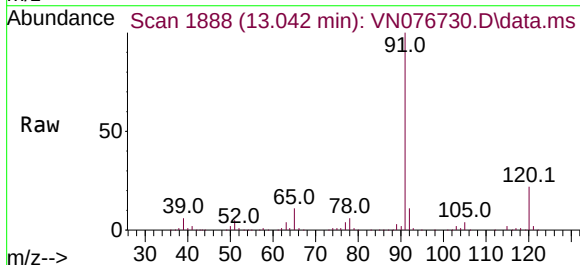
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

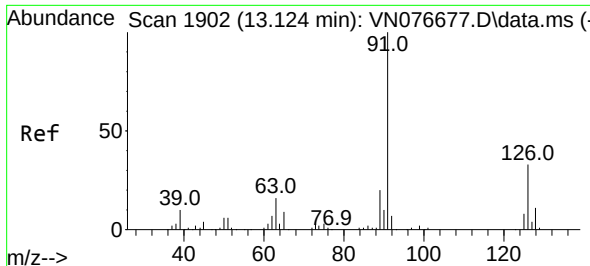
Tgt Ion:156 Resp: 91703
Ion Ratio Lower Upper
156 100
77 222.3 0.0 423.0
158 98.9 0.0 188.6



#74
n-propylbenzene
Concen: 22.445 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 91 Resp: 514052
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.0

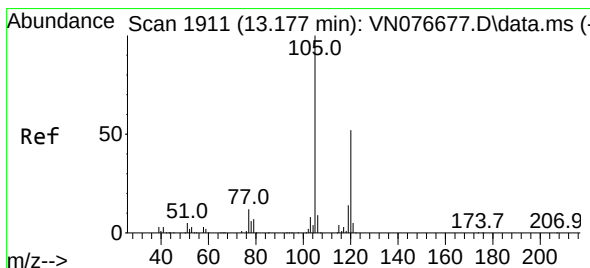
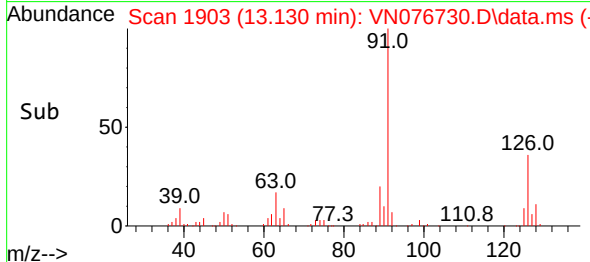
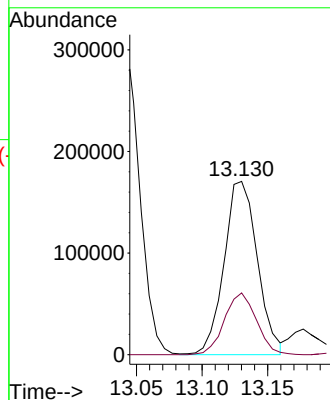
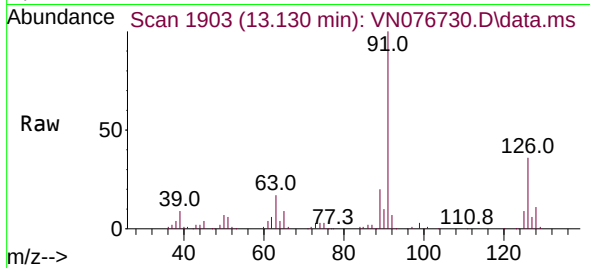




#75
2-Chlorotoluene
Concen: 22.133 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

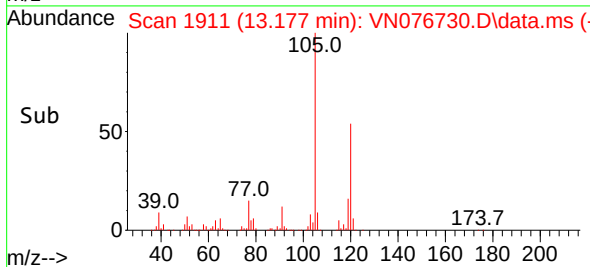
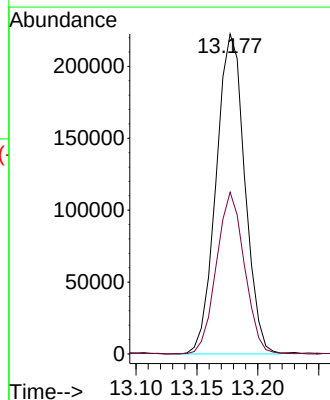
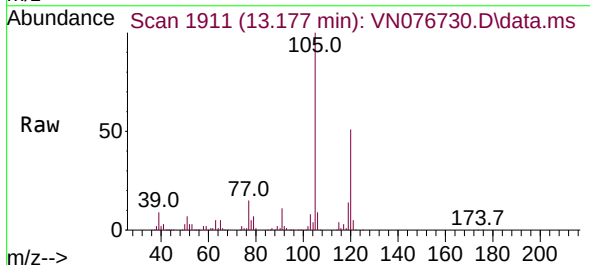
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

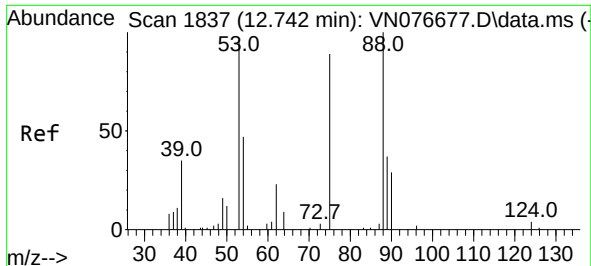
Tgt Ion: 91 Resp: 301625
Ion Ratio Lower Upper
91 100
126 34.2 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 22.703 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 105 Resp: 364098
Ion Ratio Lower Upper
105 100
120 49.0 0.0 103.2

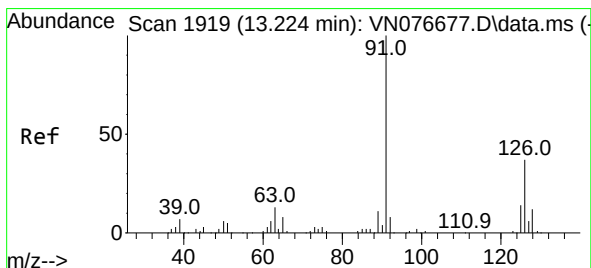
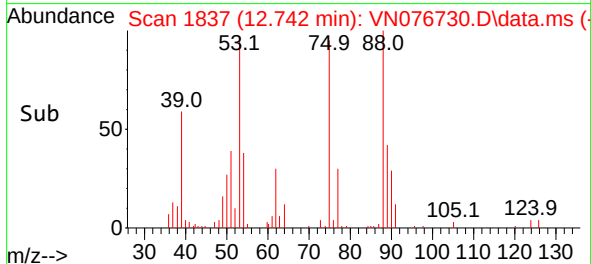
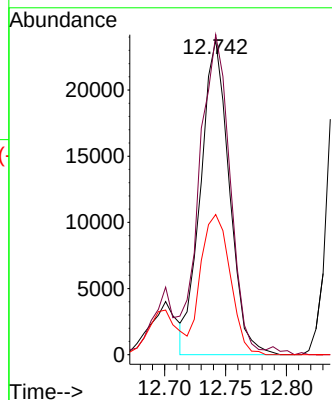
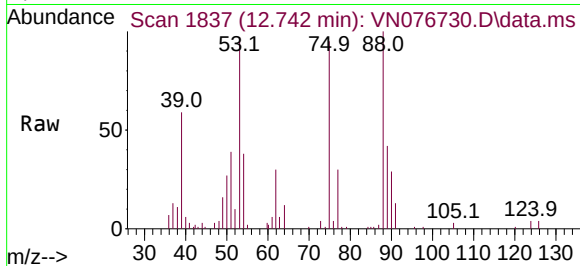




#77
t-1,4-Dichloro-2-butene
Concen: 21.814 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

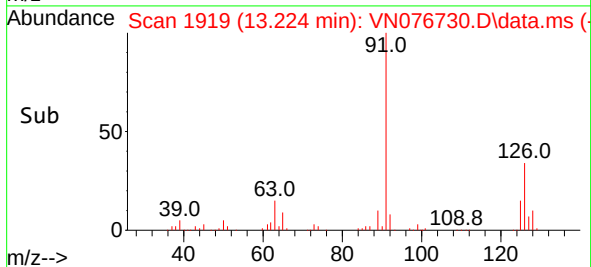
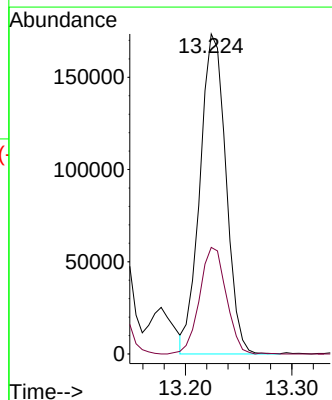
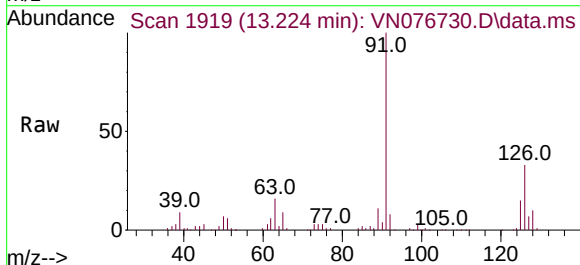
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

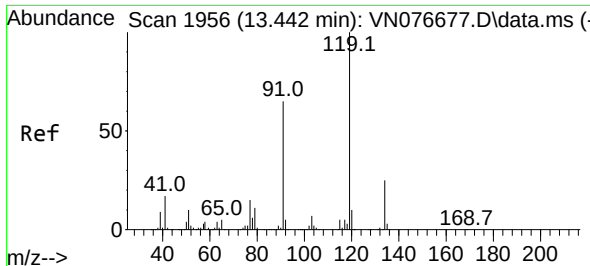
Tgt Ion: 75 Resp: 38841
Ion Ratio Lower Upper
75 100
53 98.6 50.4 151.3
89 44.5 22.1 66.5



#78
4-Chlorotoluene
Concen: 22.534 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 91 Resp: 294398
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6

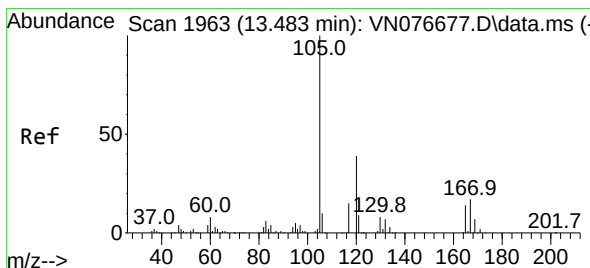
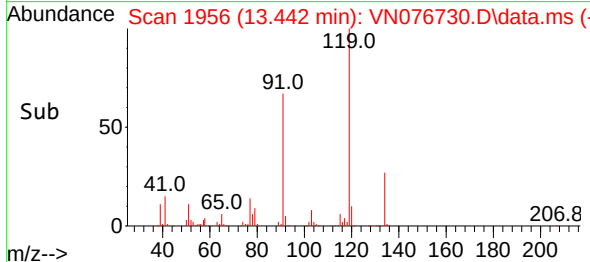
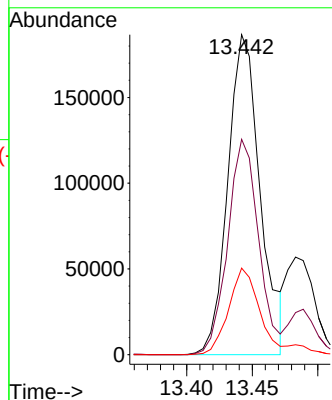
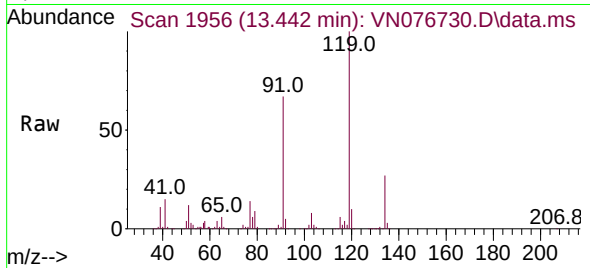




#79
tert-butylbenzene
Concen: 22.573 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

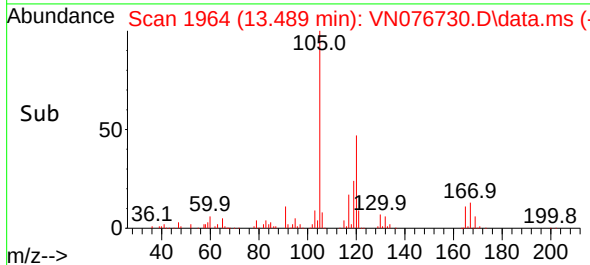
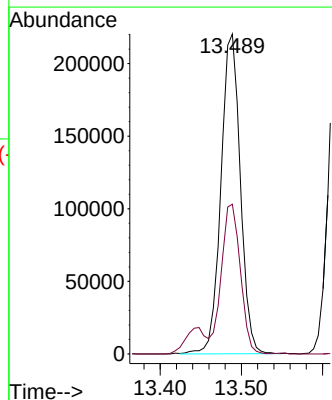
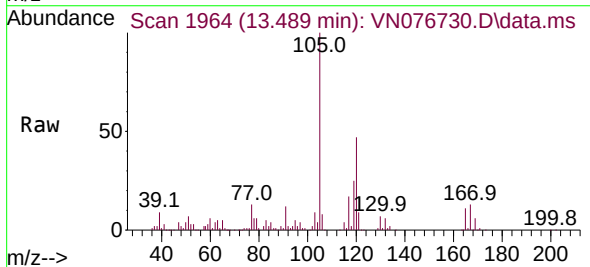
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

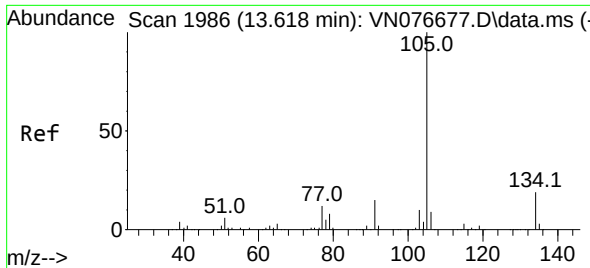
Tgt Ion:119 Resp: 320526
Ion Ratio Lower Upper
119 100
91 64.5 0.0 129.6
134 25.4 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 22.967 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:105 Resp: 365738
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.2

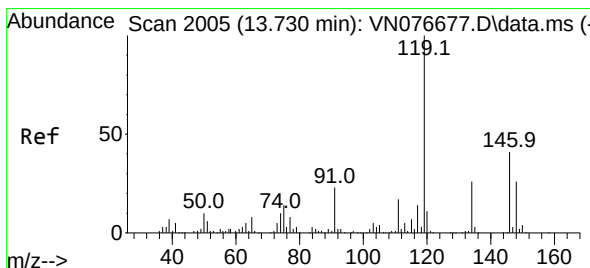
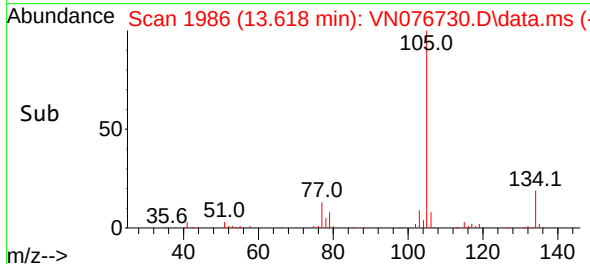
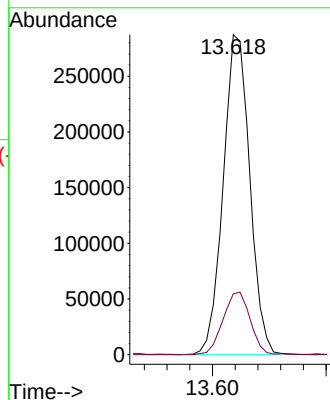
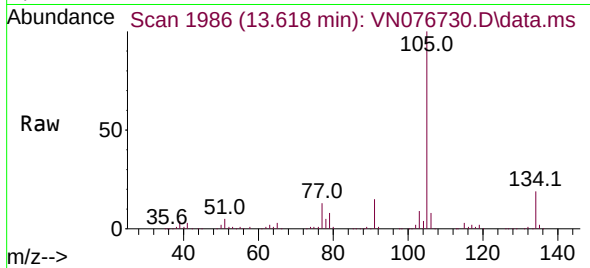




#81
 sec-Butylbenzene
 Concen: 22.891 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

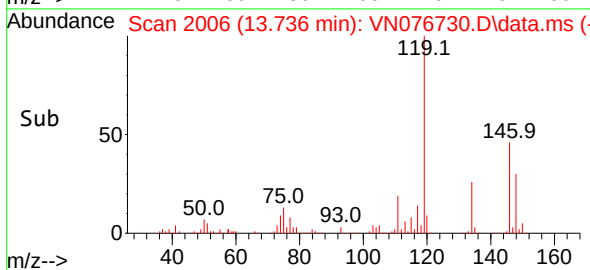
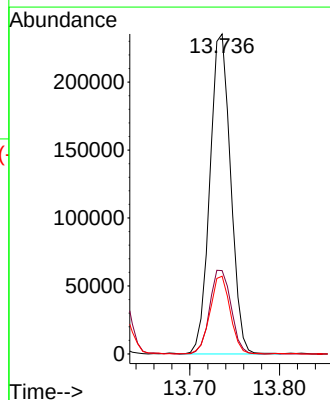
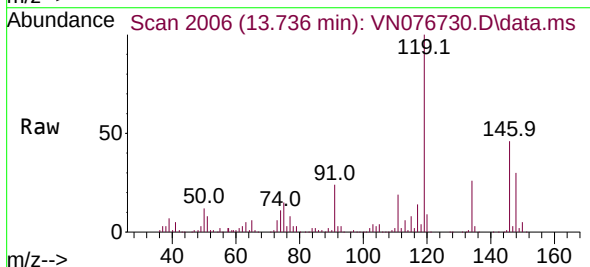
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBS01

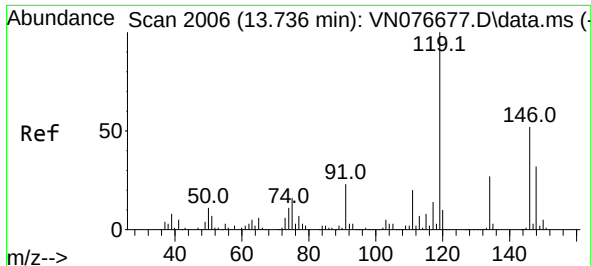
Tgt Ion:105 Resp: 466773
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 22.863 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076730.D
 Acq: 17 Feb 2023 13:04

Tgt Ion:119 Resp: 377966
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.4
 91 23.8 0.0 47.2

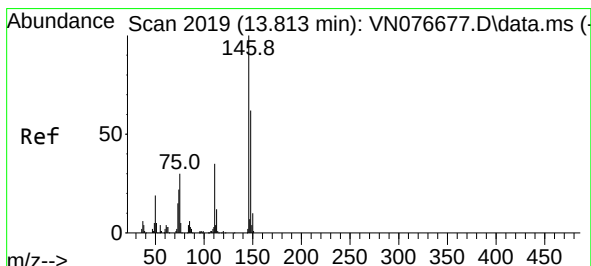
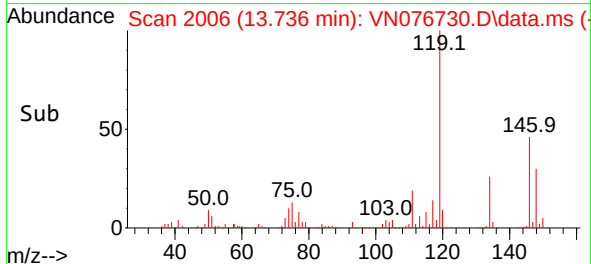
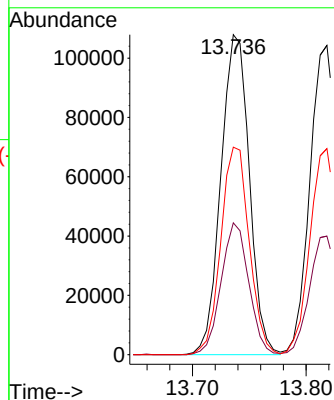
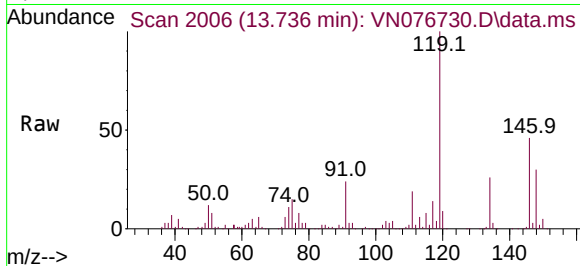




#83
1,3-Dichlorobenzene
Concen: 22.016 ug/l
RT: 13.736 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

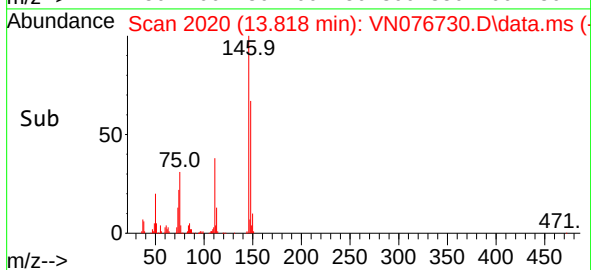
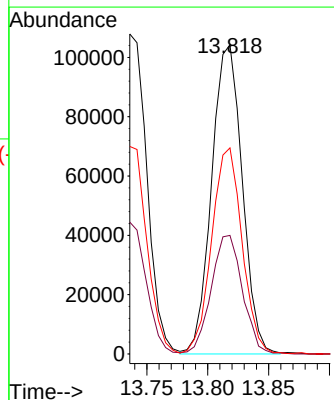
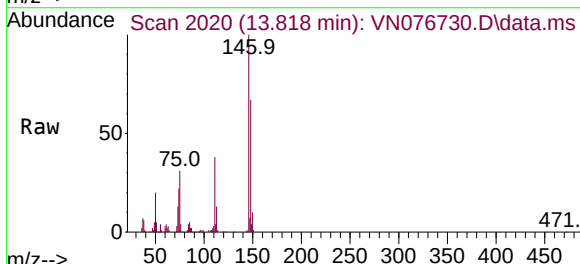
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

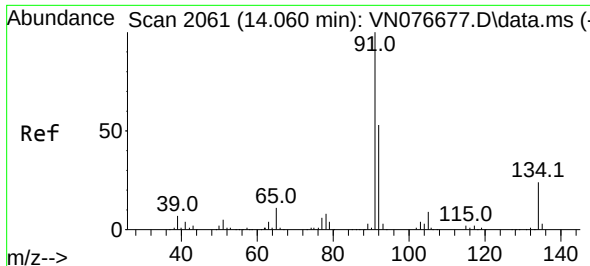
Tgt Ion:146 Resp: 187698
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 64.8 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 21.906 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:146 Resp: 182163
Ion Ratio Lower Upper
146 100
111 39.3 18.2 54.6
148 66.4 31.1 93.2

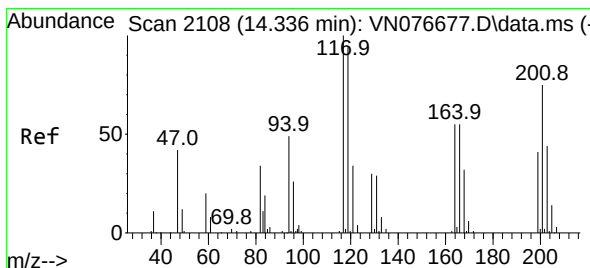
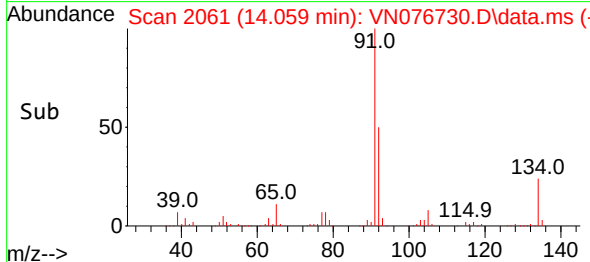
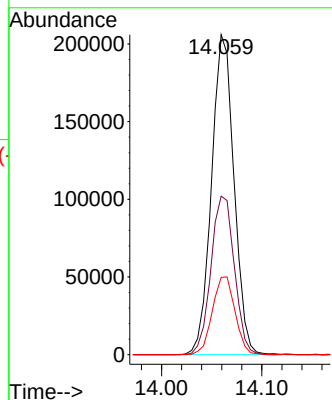
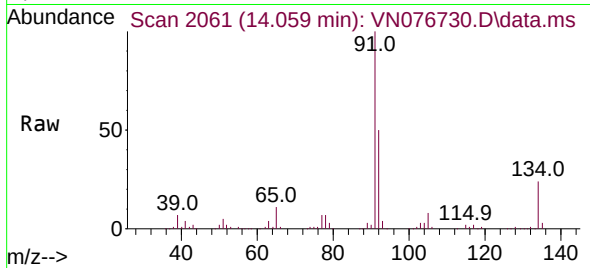




#85
n-Butylbenzene
Concen: 22.899 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

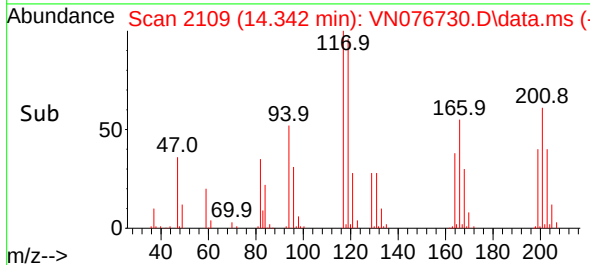
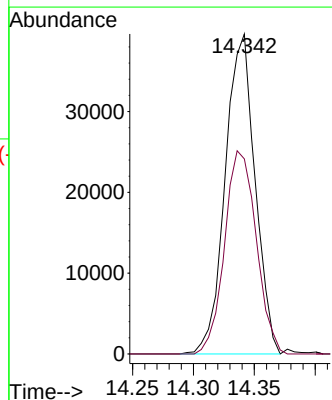
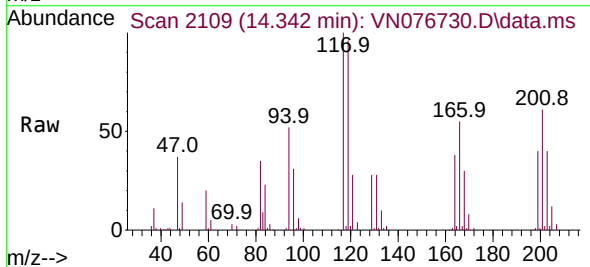
Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

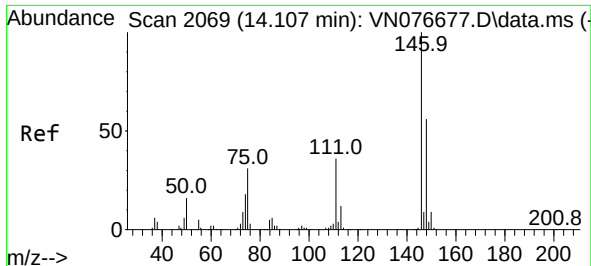
Tgt Ion: 91 Resp: 320849
Ion Ratio Lower Upper
91 100
92 51.6 0.0 103.2
134 24.6 0.0 50.0



#86
Hexachloroethane
Concen: 21.066 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion: 117 Resp: 67416
Ion Ratio Lower Upper
117 100
201 67.4 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 22.167 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBS01

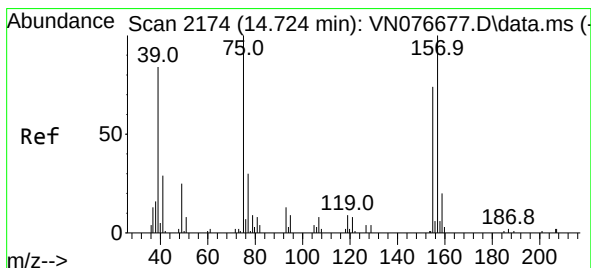
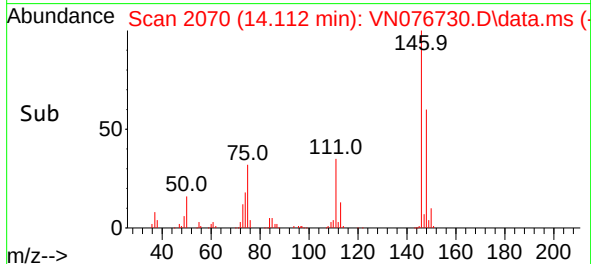
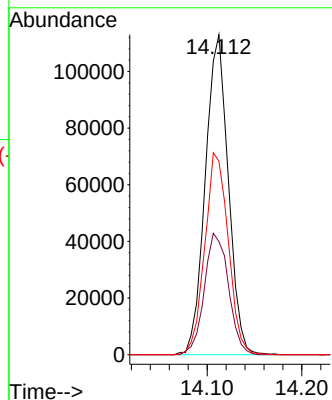
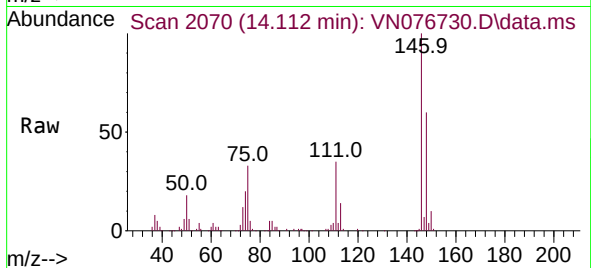
Tgt Ion:146 Resp: 190028

Ion Ratio Lower Upper

146 100

111 39.9 20.5 61.6

148 64.6 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 24.391 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

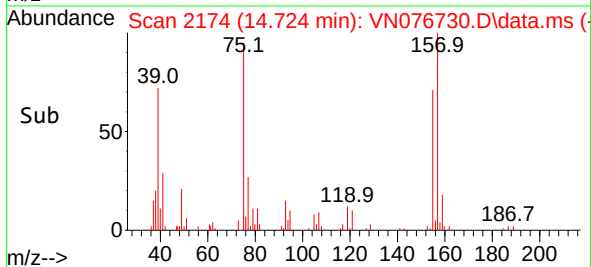
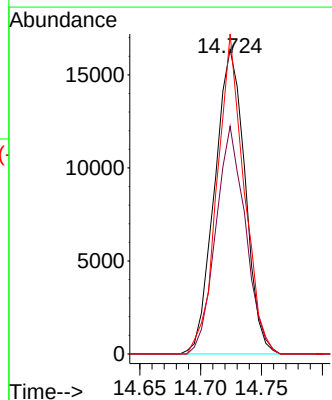
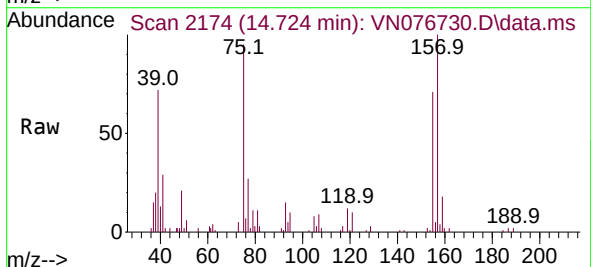
Tgt Ion: 75 Resp: 28444

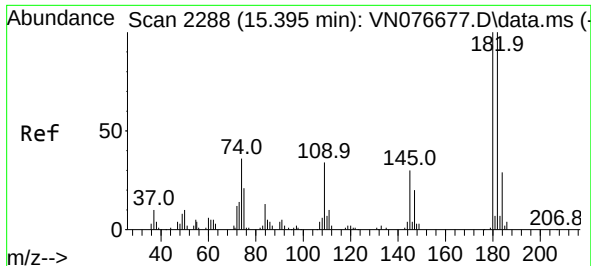
Ion Ratio Lower Upper

75 100

155 72.8 62.5 93.7

157 93.0 77.5 116.3





#89

1,2,4-Trichlorobenzene

Concen: 21.554 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0217WBS01

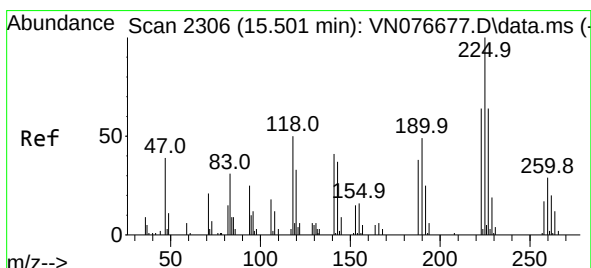
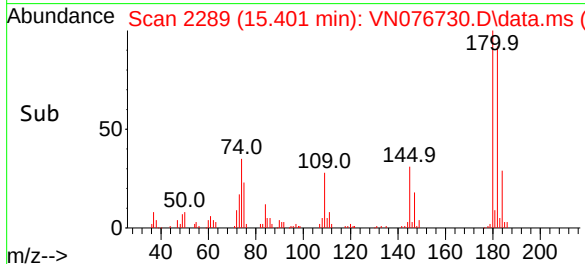
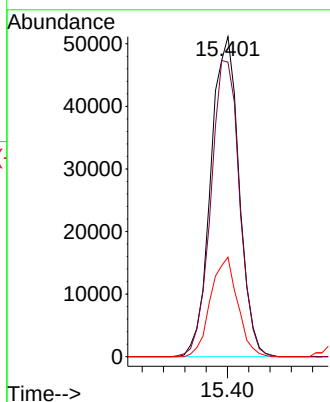
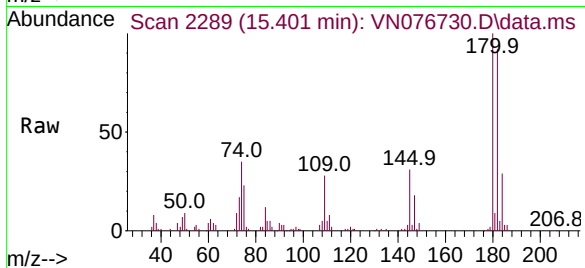
Tgt Ion:180 Resp: 94259

Ion Ratio Lower Upper

180 100

182 93.7 76.6 115.0

145 29.7 24.6 36.8



#90

Hexachlorobutadiene

Concen: 22.560 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.000 min

Lab File: VN076730.D

Acq: 17 Feb 2023 13:04

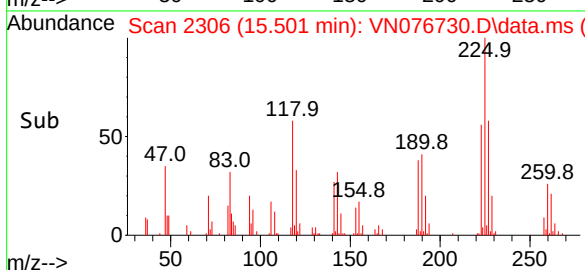
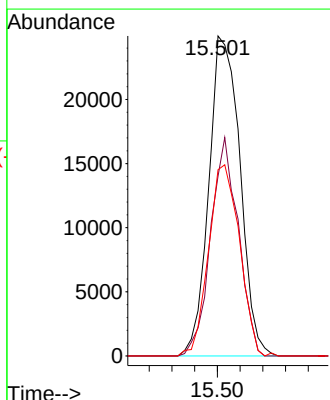
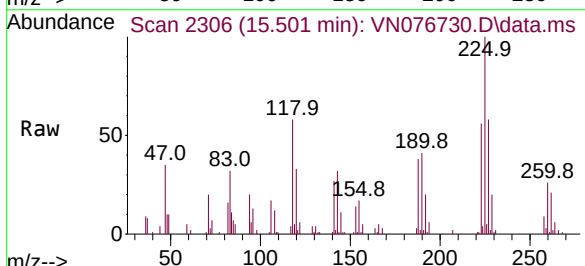
Tgt Ion:225 Resp: 47529

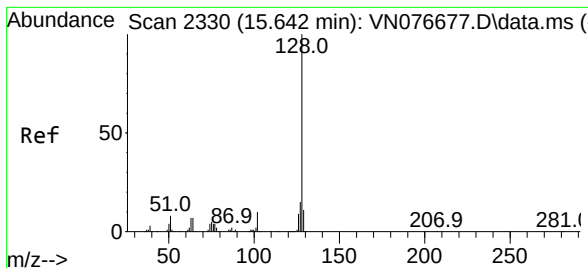
Ion Ratio Lower Upper

225 100

223 60.7 0.0 135.4

227 59.3 0.0 129.4

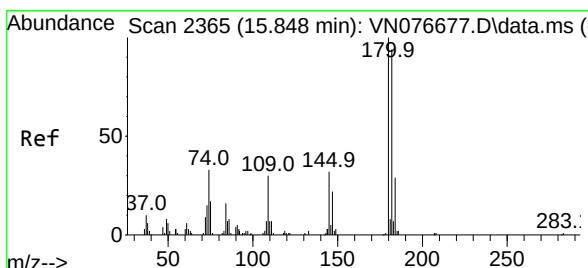
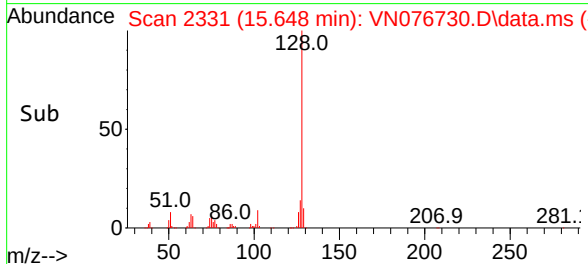
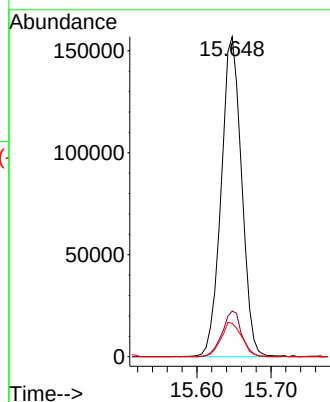
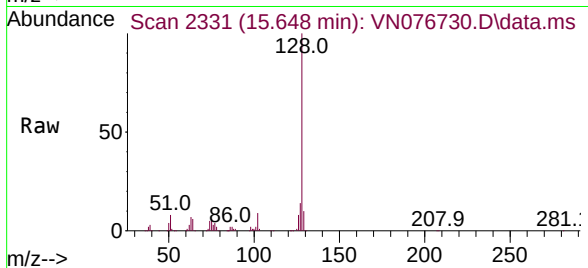




#91
Naphthalene
Concen: 21.329 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
VN0217WBS01

Tgt Ion:128 Resp: 299913
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.877 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN076730.D
Acq: 17 Feb 2023 13:04

Tgt Ion:180 Resp: 92671
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.8
145 30.9 0.0 65.0

