

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076657.D
 Acq On : 14 Feb 2023 13:17
 Operator : JC\MD
 Sample : PB150827TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150827TB

Quant Time: Feb 14 15:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	291805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	508668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	485711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	174559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196771	48.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	8.172	113	157905	47.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	10.572	98	642254	51.626	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.260%		
62) 4-Bromofluorobenzene	12.848	95	192484	46.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.378	50	1151	0.285	ug/l #	79
5) Bromomethane	2.984	94	1271	0.527	ug/l #	55
10) Methyl Iodide	4.601	142	925	0.235	ug/l #	23
11) Tert butyl alcohol	5.525	59	1505	2.830	ug/l #	85
13) Acrolein	4.201	56	384	0.481	ug/l #	33
16) Acetone	4.448	43	39038	21.689	ug/l	96
17) Carbon Disulfide	4.737	76	2046	0.257	ug/l #	73
18) Methyl Acetate	5.042	43	4661	0.793	ug/l #	79
20) Methylene Chloride	5.278	84	11614	3.079	ug/l	92
25) 2-Butanone	7.489	43	17203	6.480	ug/l #	90
29) Tetrahydrofuran	7.848	42	1642	0.947	ug/l #	51
31) Cyclohexane	8.230	56	7752	1.226	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	25722	5.344	ug/l #	53
37) Ethyl Acetate	7.572	43	62366	12.316	ug/l	99
38) Carbon Tetrachloride	8.230	117	29563	6.089	ug/l #	14
42) 1,2-Dichloroethane	8.683	62	1296	0.251	ug/l	88
43) Isopropyl Acetate	8.689	43	294248	35.709	ug/l #	88
45) 1,2-Dichloropropane	9.748	63	3129	0.800	ug/l #	44
48) Methyl methacrylate	9.672	41	9178	2.347	ug/l #	46
49) 1,4-Dioxane	9.725	88	85	1.257	ug/l #	23
51) 4-Methyl-2-Pentanone	10.442	43	15810	3.016	ug/l	100
52) Toluene	10.630	92	10895	1.221	ug/l	95
54) cis-1,3-Dichloropropene	10.360	75	89711	16.068	ug/l #	65
57) 1,3-Dichloropropane	11.201	76	12646	2.029	ug/l #	42
59) 2-Hexanone	11.171	43	243658	64.456	ug/l #	27
74) N-amyl acetate	12.483	43	3218	0.558	ug/l #	70
76) 1,2,3-Trichloropropane	12.848	75	107283	30.400	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	107283	88.541	ug/l #	4
87) 1,3-Dichlorobenzene	13.742	146	1227	0.203	ug/l	92
88) 1,4-Dichlorobenzene	13.742	146	1227	0.204	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	1456	0.235	ug/l	90
93) 1,2,4-Trichlorobenzene	15.401	180	1617	0.524	ug/l	86
95) Naphthalene	15.642	128	7930	0.847	ug/l	96
96) 1,2,3-Trichlorobenzene	15.842	180	2221	0.743	ug/l	89

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

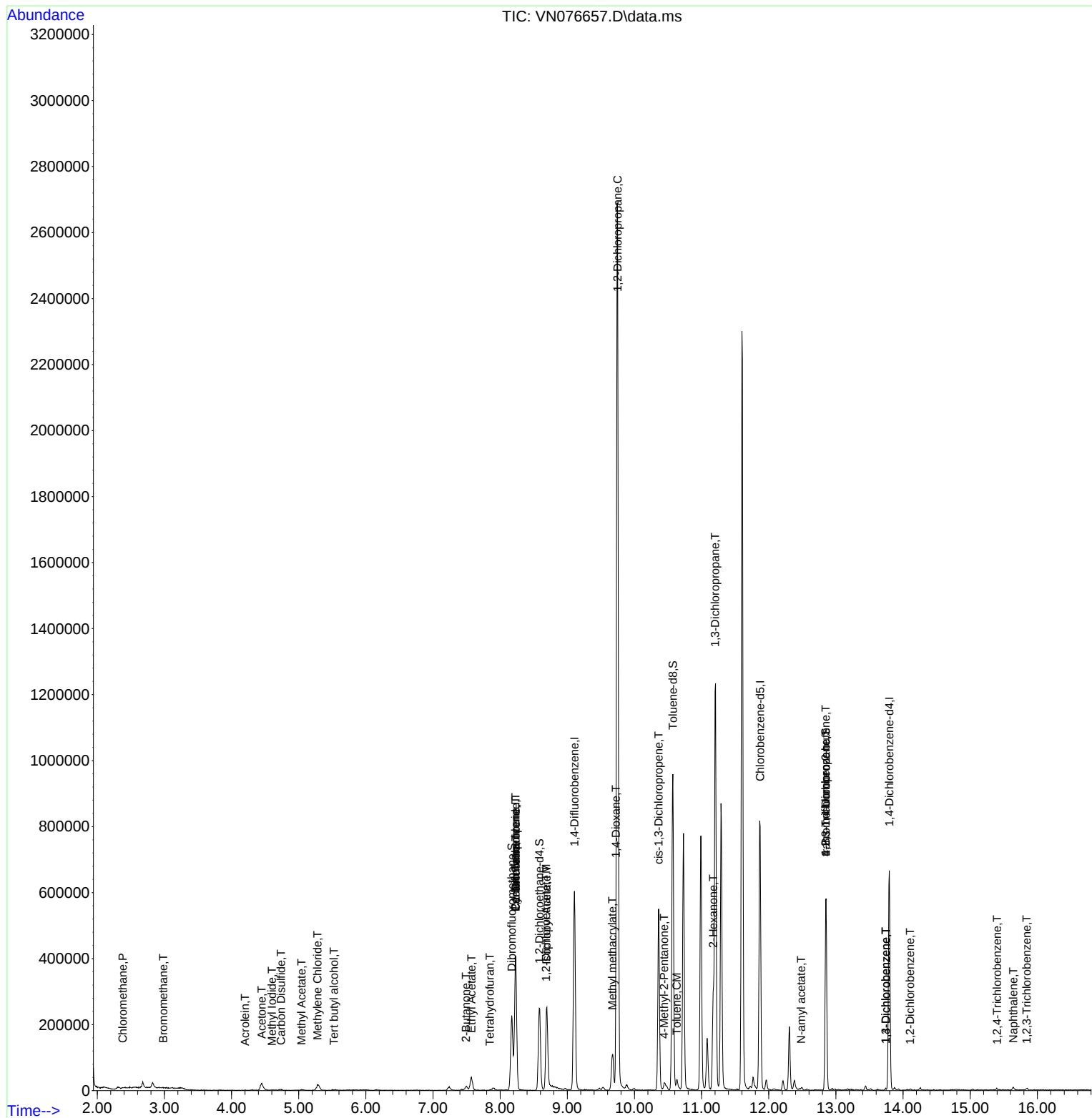
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

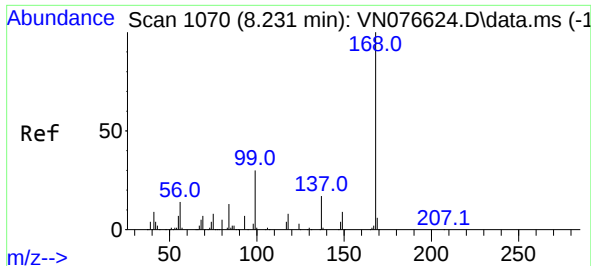
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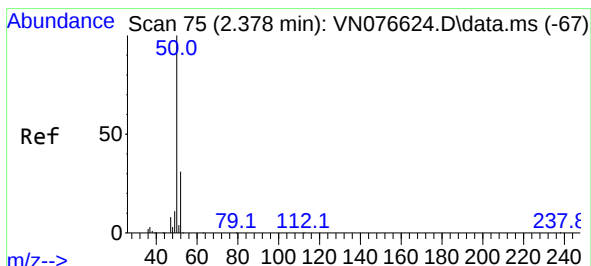
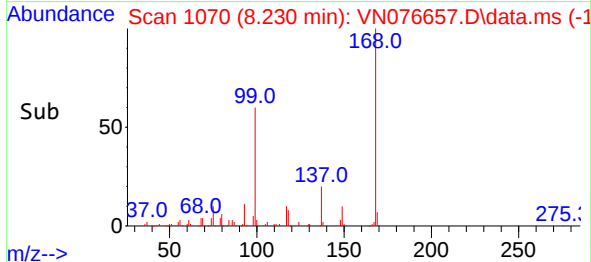
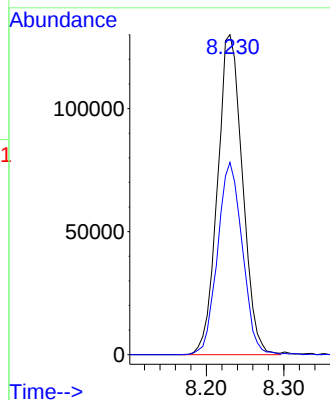
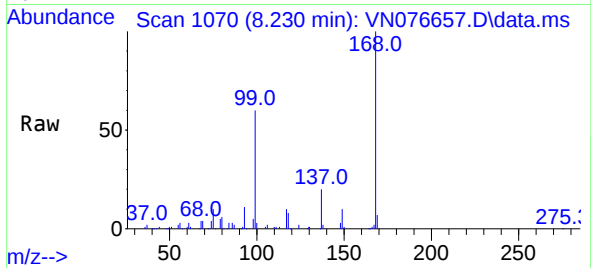




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

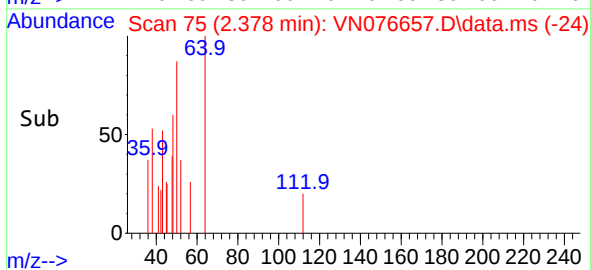
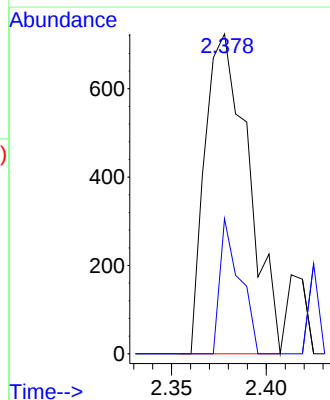
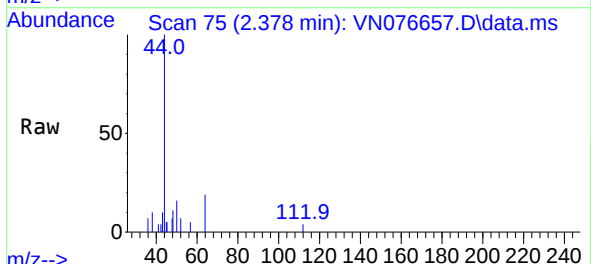
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

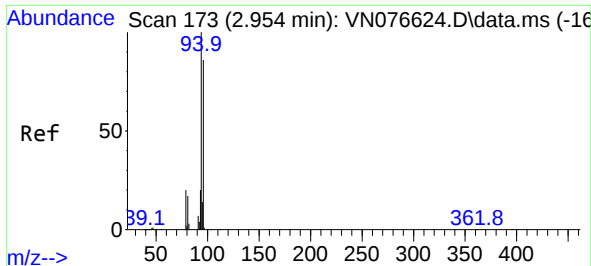
Tgt Ion:168 Resp: 291805
Ion Ratio Lower Upper
168 100
99 60.1 44.8 67.2



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 50 Resp: 1151
Ion Ratio Lower Upper
50 100
52 42.3 24.7 37.1#

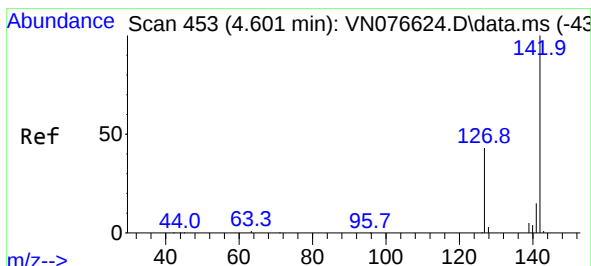
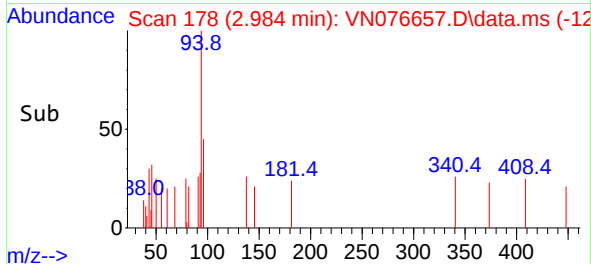
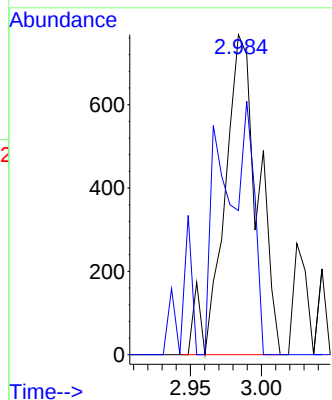
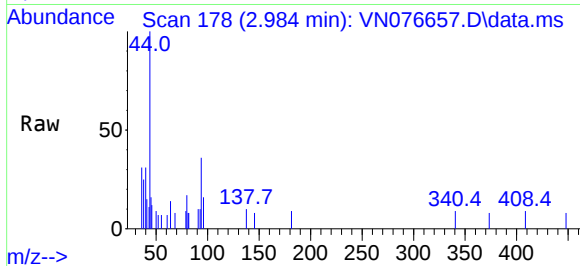




#5
Bromomethane
Concen: 0.527 ug/l
RT: 2.984 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

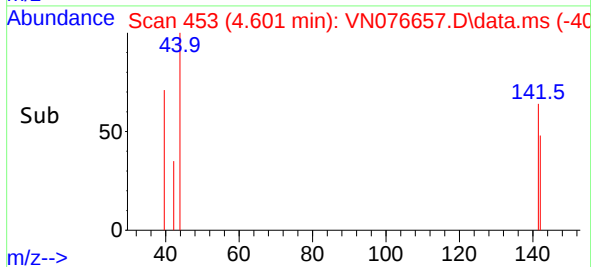
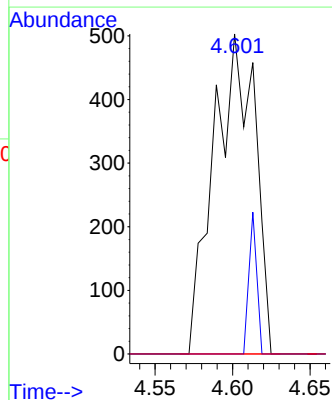
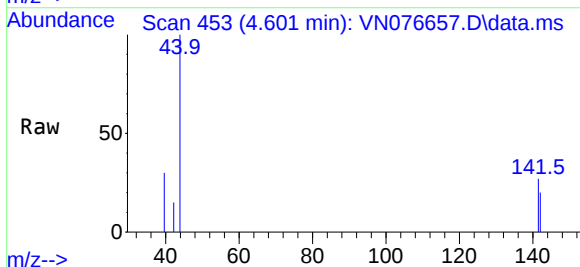
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

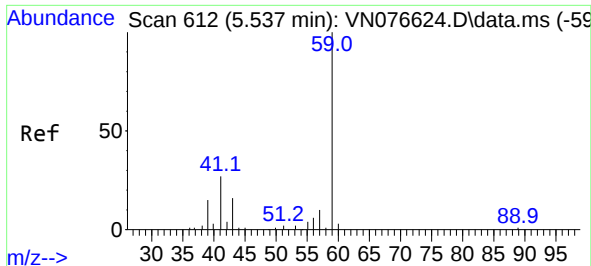
Tgt Ion: 94 Resp: 1271
Ion Ratio Lower Upper
94 100
96 45.1 69.0 103.4#



#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 142 Resp: 925
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 57.3 11.7 17.5#





#11

Tert butyl alcohol

Concen: 2.830 ug/l

RT: 5.525 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN076657.D

Acq: 14 Feb 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

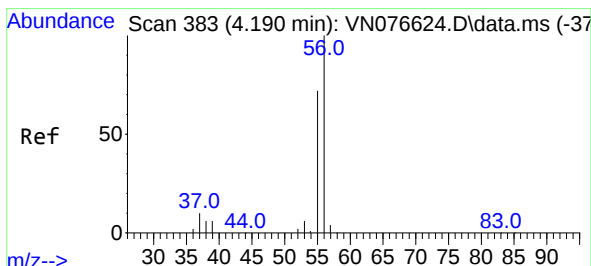
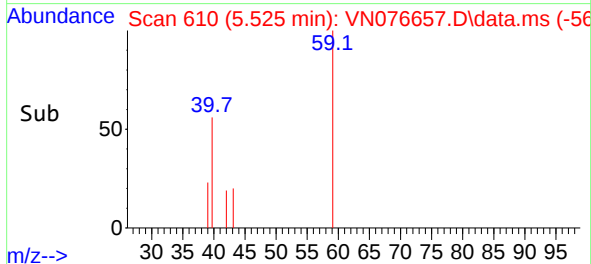
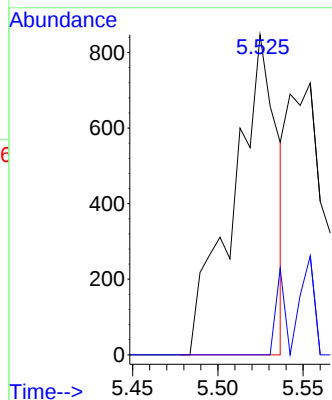
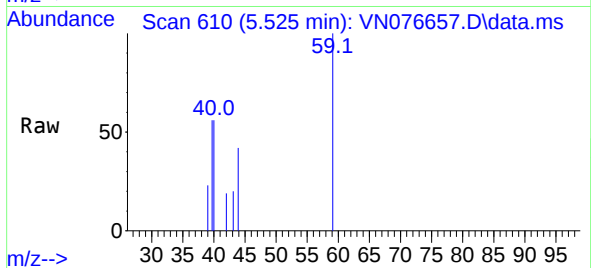
PB150827TB

Tgt Ion: 59 Resp: 1505

Ion Ratio Lower Upper

59 100

57 5.4 8.7 13.1#



#13

Acrolein

Concen: 0.481 ug/l

RT: 4.201 min Scan# 385

Delta R.T. 0.012 min

Lab File: VN076657.D

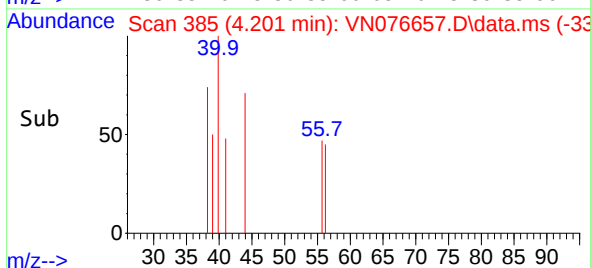
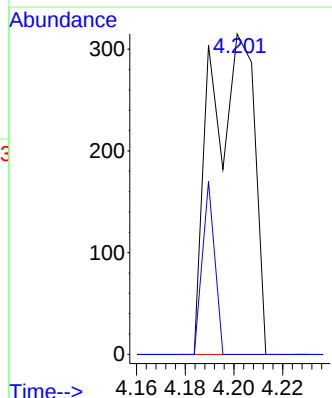
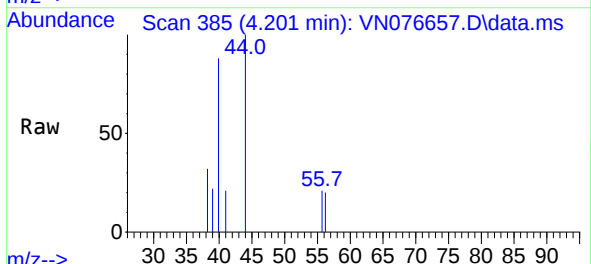
Acq: 14 Feb 2023 13:17

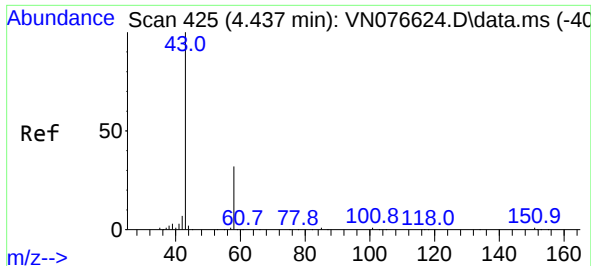
Tgt Ion: 56 Resp: 384

Ion Ratio Lower Upper

56 100

55 15.6 56.3 84.5#

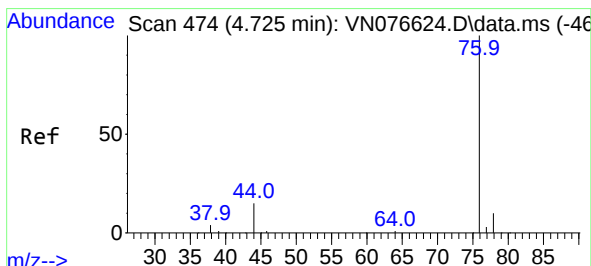
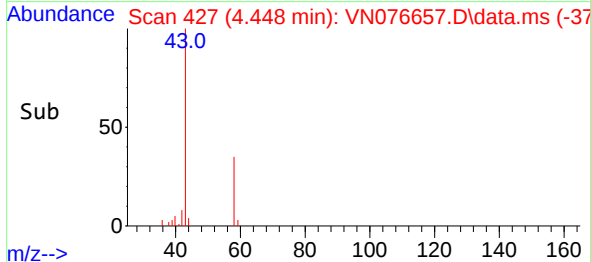
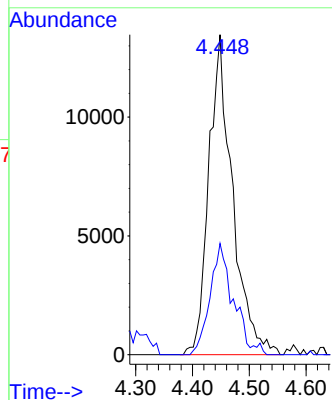
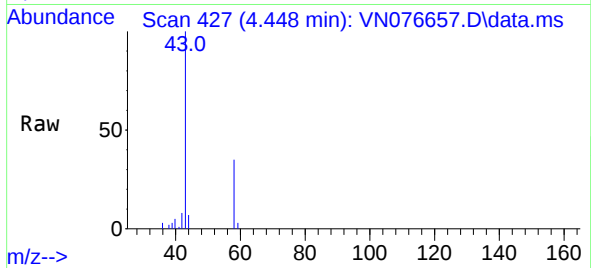




#16
Acetone
Concen: 21.689 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

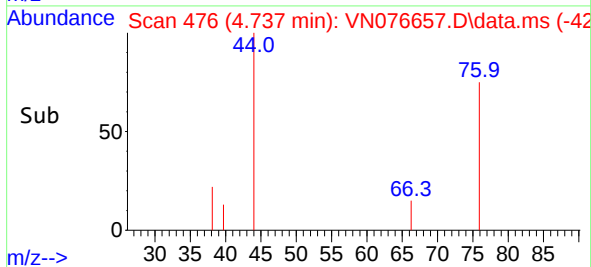
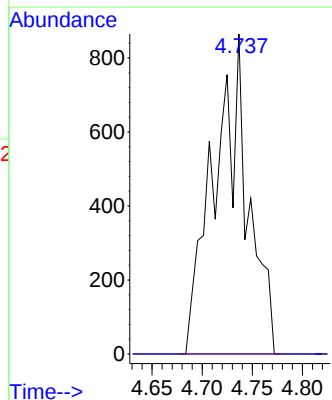
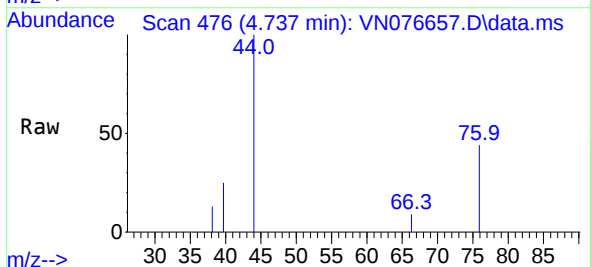
Instrument :
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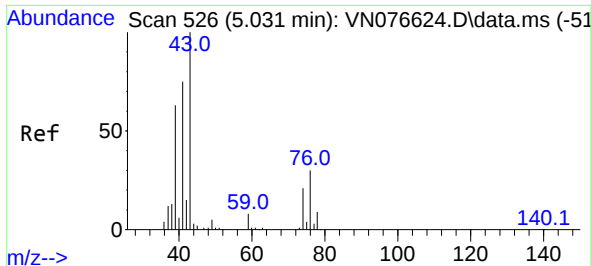
Tgt Ion: 43 Resp: 39038
Ion Ratio Lower Upper
43 100
58 34.8 25.9 38.9



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 4.737 min Scan# 476
Delta R.T. 0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 76 Resp: 2046
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#

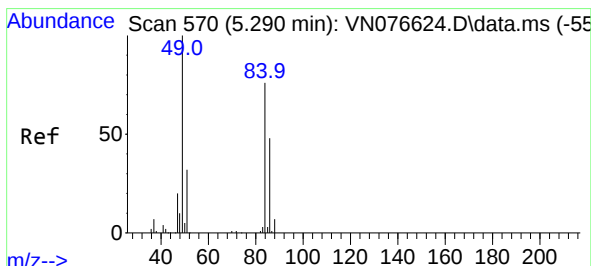
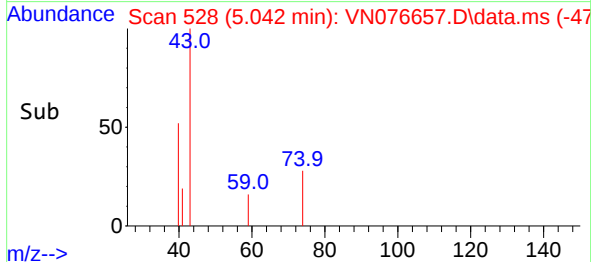
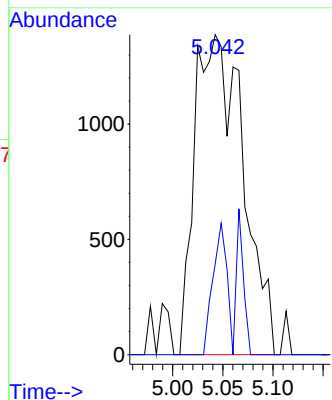
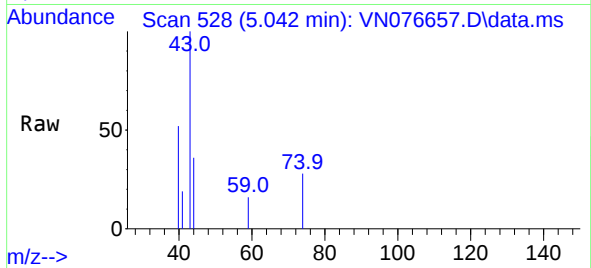




#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

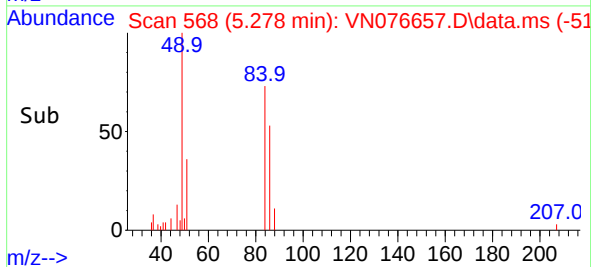
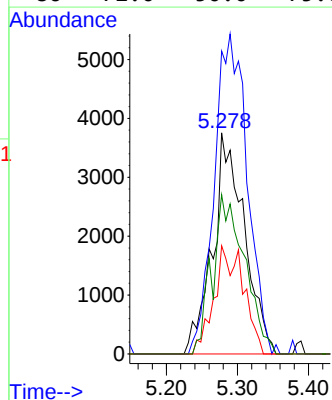
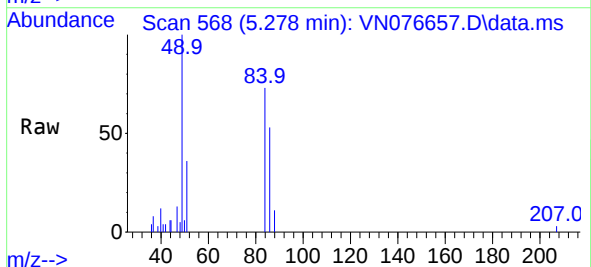
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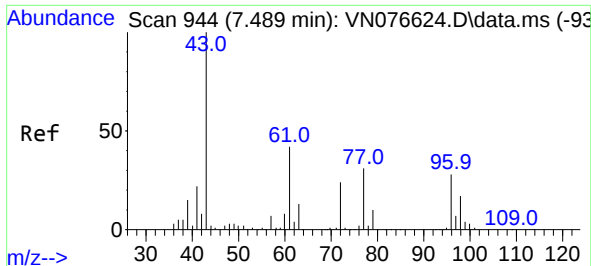
Tgt Ion: 43 Resp: 4661
Ion Ratio Lower Upper
43 100
74 11.9 17.7 26.5#



#20
Methylene Chloride
Concen: 3.079 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 84 Resp: 11614
Ion Ratio Lower Upper
84 100
49 137.0 104.9 157.3
51 48.9 33.8 50.8
86 72.0 50.0 75.0

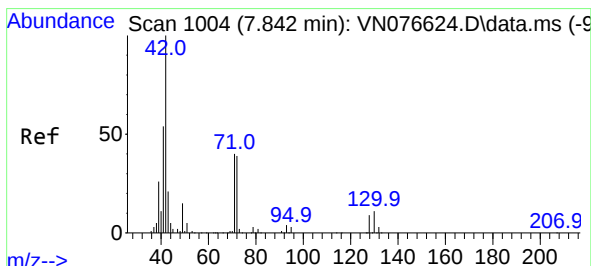
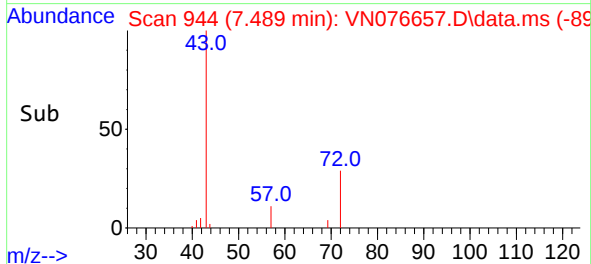
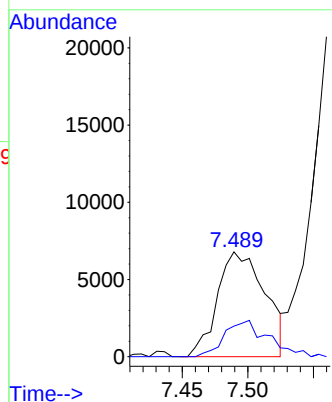
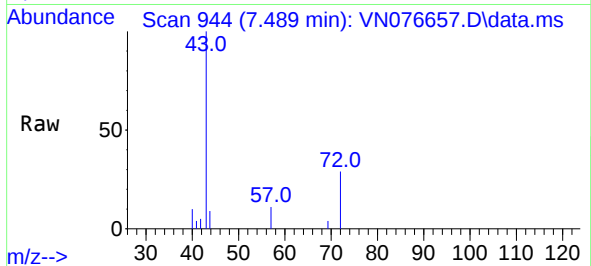




#25
2-Butanone
Concen: 6.480 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

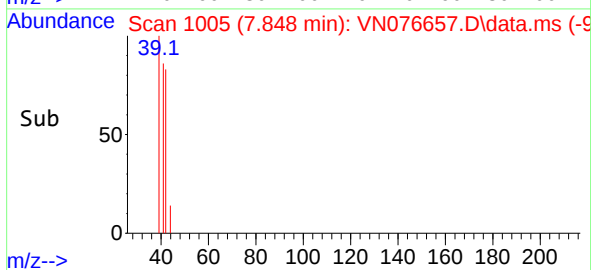
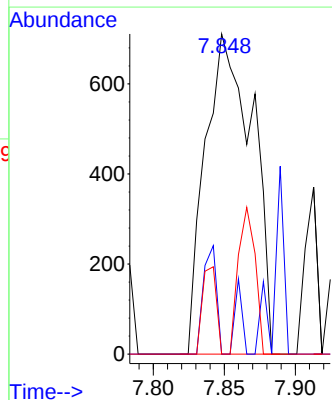
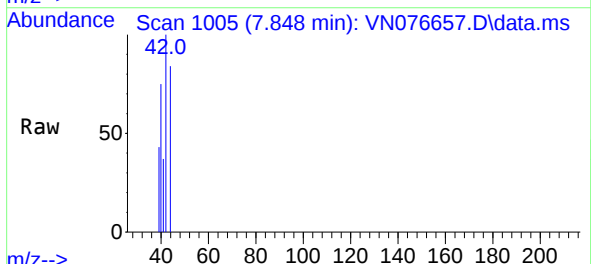
Instrument :
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PB150827TB

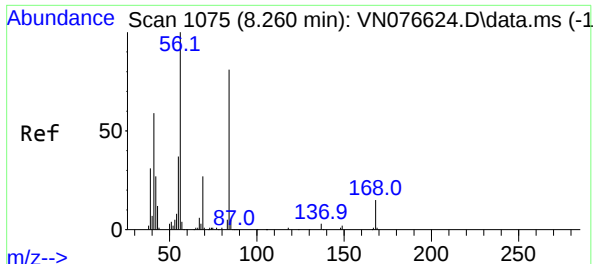
Tgt Ion: 43 Resp: 17203
Ion Ratio Lower Upper
43 100
72 29.2 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.947 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 42 Resp: 1642
Ion Ratio Lower Upper
42 100
72 9.4 31.5 47.3#
71 8.1 29.8 44.8#

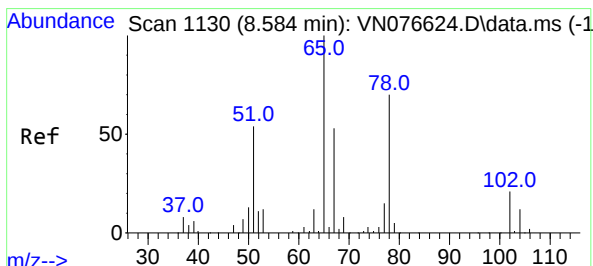
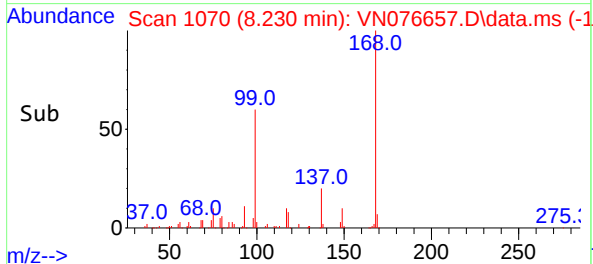
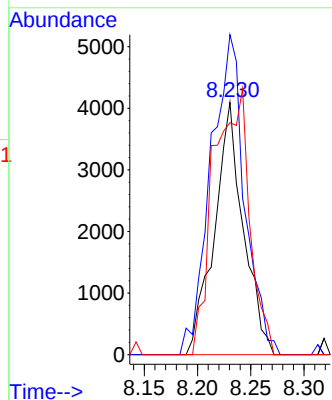
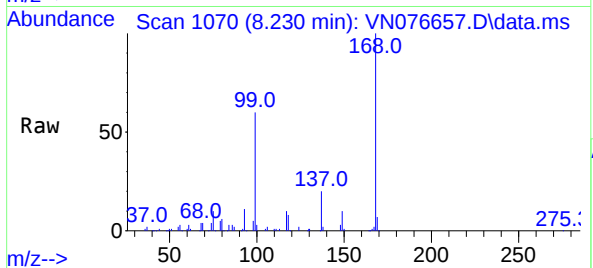




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

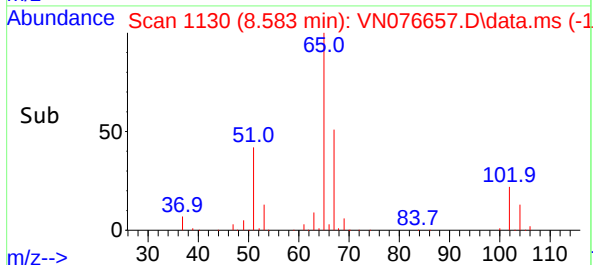
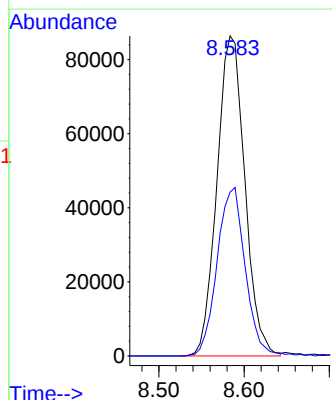
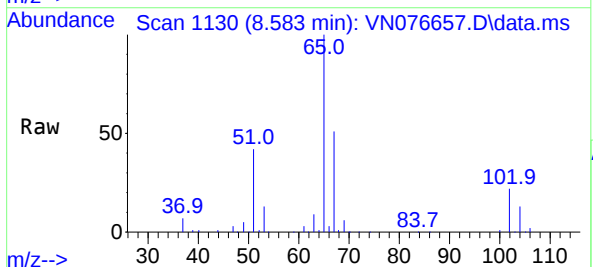
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

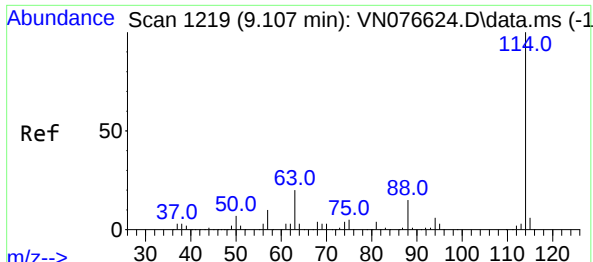
Tgt Ion: 56 Resp: 7752
Ion Ratio Lower Upper
56 100
69 126.8 21.6 32.4#
84 91.9 65.1 97.7



#33
1,2-Dichloroethane-d4
Concen: 48.834 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 65 Resp: 196771
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6

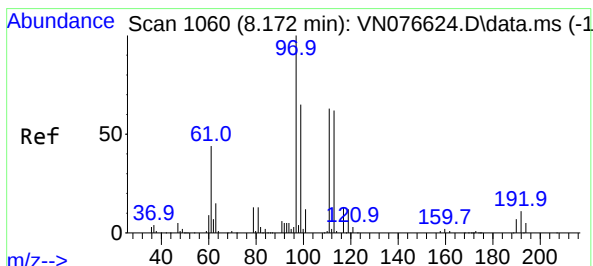
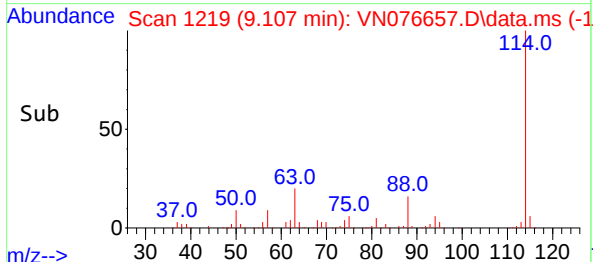
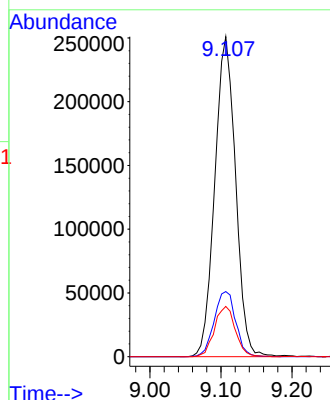
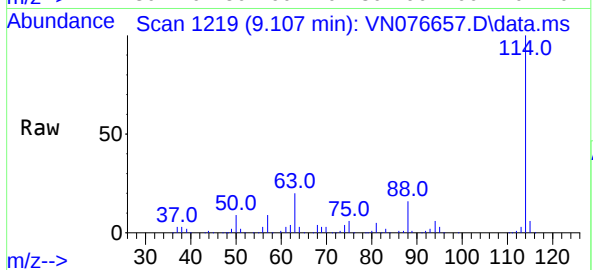




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

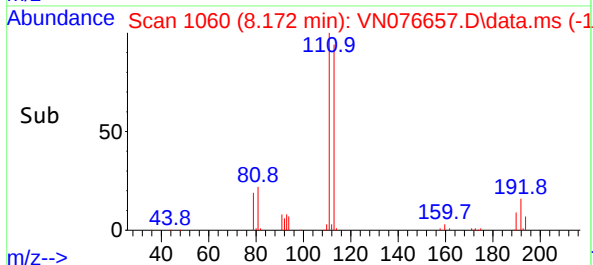
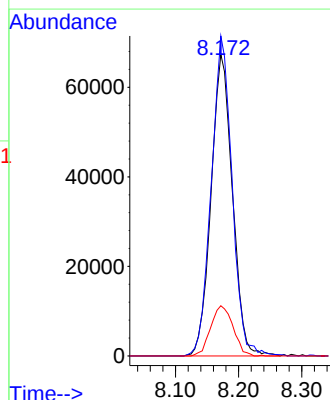
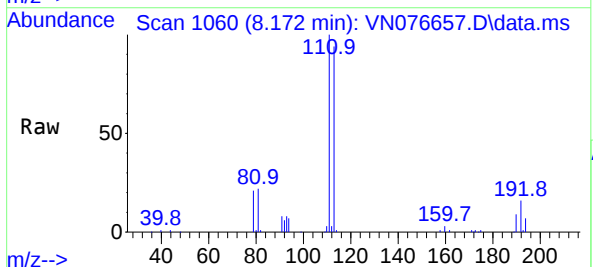
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

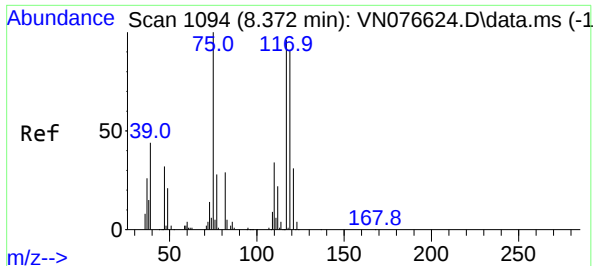
Tgt Ion:114 Resp: 508668
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion:113 Resp: 157905
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.5 15.6 23.4

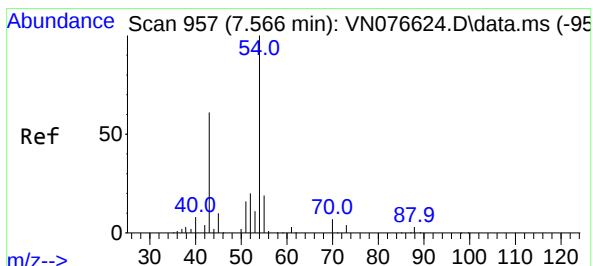
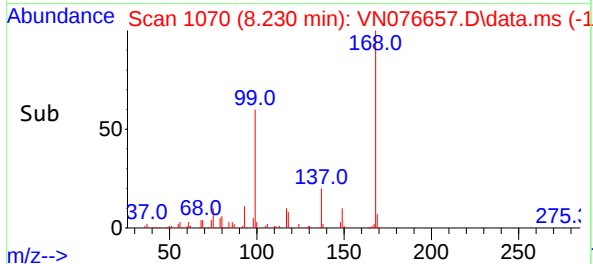
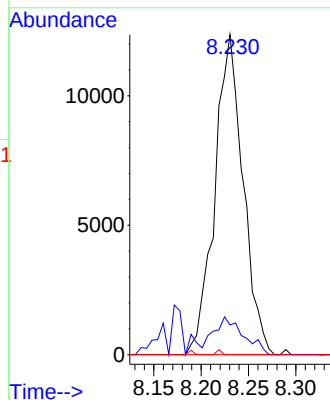
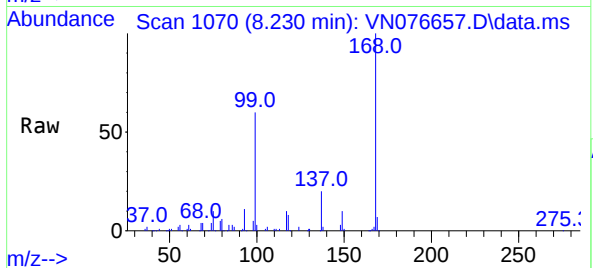




#36
1,1-Dichloropropene
Concen: 5.344 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

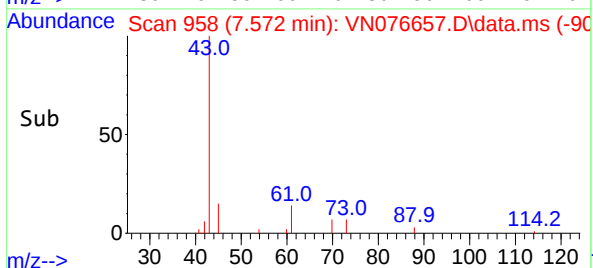
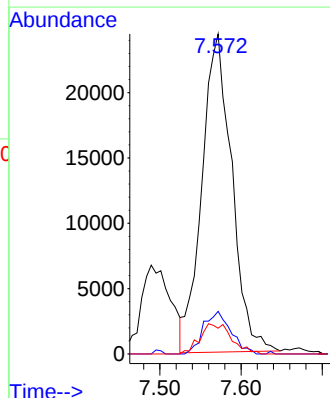
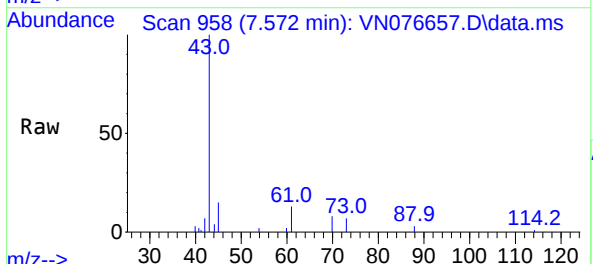
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

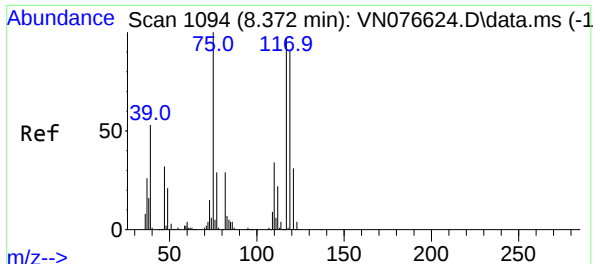
Tgt Ion: 75 Resp: 25722
Ion Ratio Lower Upper
75 100
110 12.4 17.5 52.5#
77 0.3 24.5 36.7#



#37
Ethyl Acetate
Concen: 12.316 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 43 Resp: 62366
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 10.0 7.8 11.6

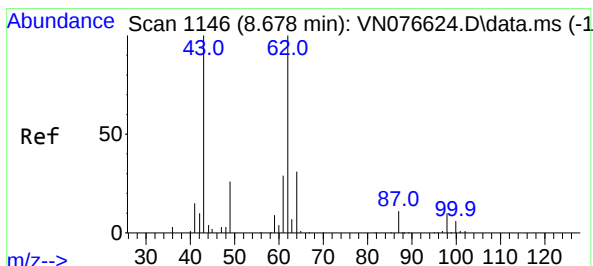
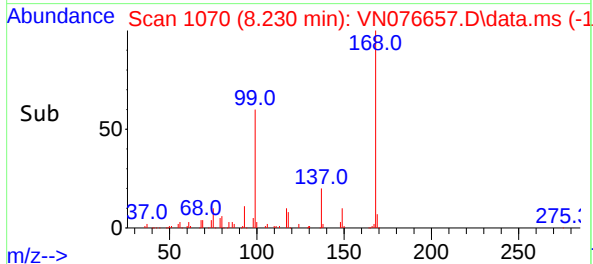
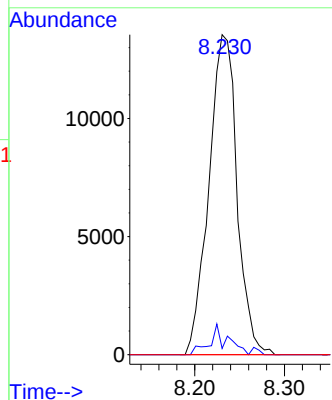
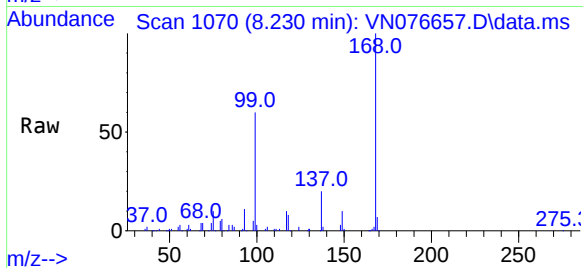




#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 8.230 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

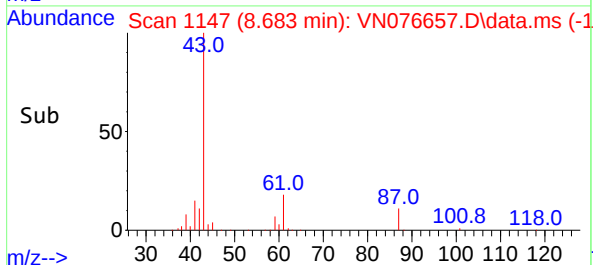
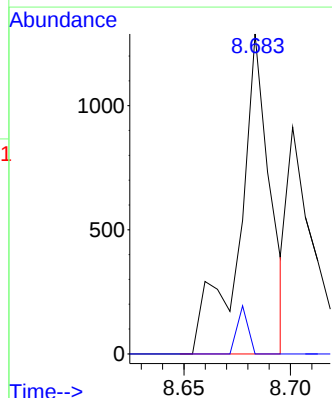
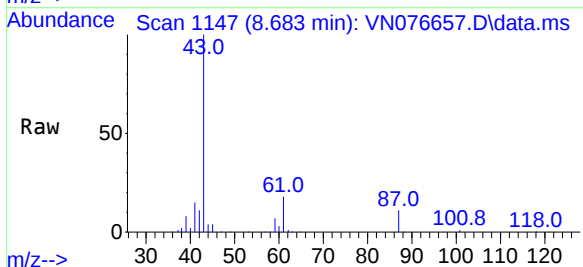
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

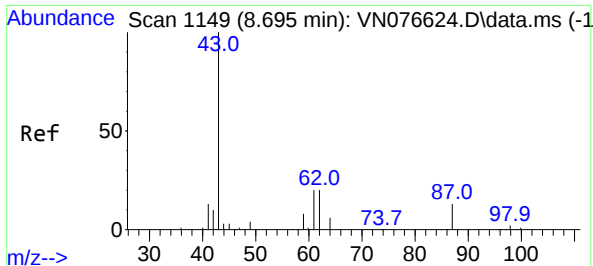
Tgt Ion:117 Resp: 29563
Ion Ratio Lower Upper
117 100
119 2.0 75.4 113.0#
121 0.0 26.0 39.0#



#42
1,2-Dichloroethane
Concen: 0.251 ug/l
RT: 8.683 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 62 Resp: 1296
Ion Ratio Lower Upper
62 100
98 5.2 0.0 19.2

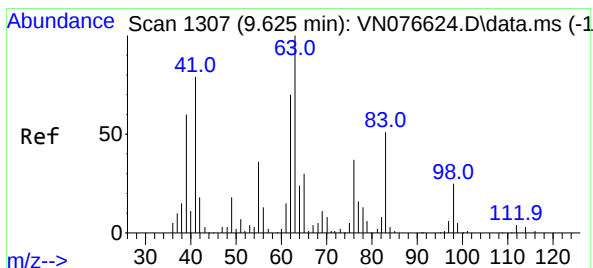
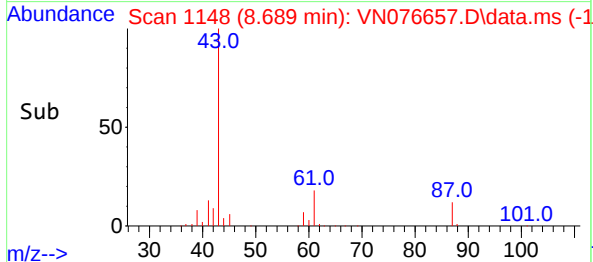
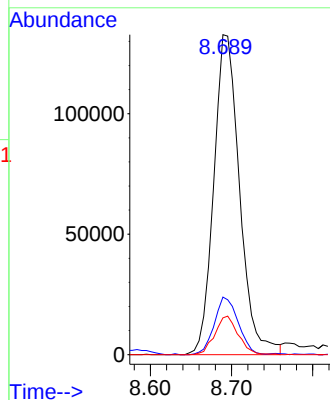
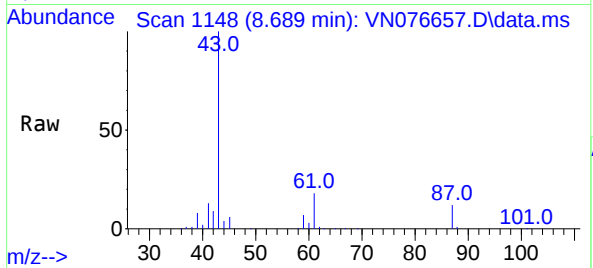




#43
Isopropyl Acetate
Concen: 35.709 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

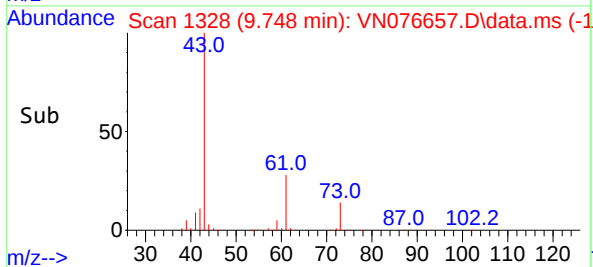
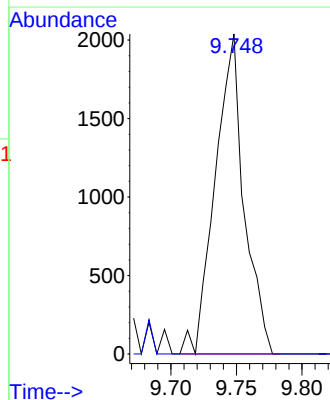
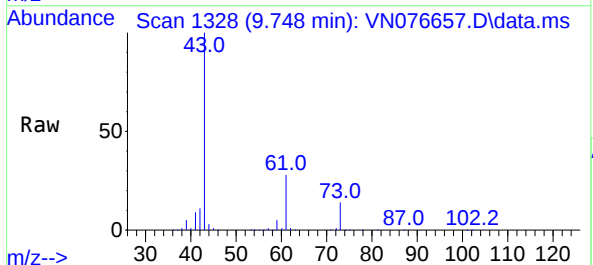
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

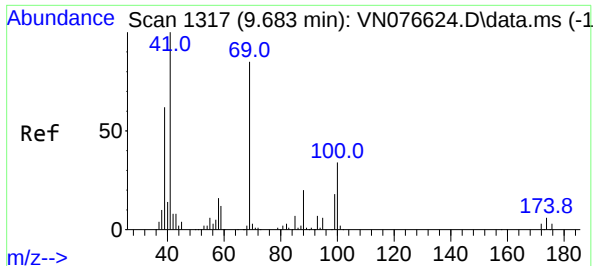
Tgt Ion: 43 Resp: 294248
Ion Ratio Lower Upper
43 100
61 16.7 20.0 30.0#
87 11.0 9.9 14.9



#45
1,2-Dichloropropane
Concen: 0.800 ug/l
RT: 9.748 min Scan# 1328
Delta R.T. 0.123 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 63 Resp: 3129
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#

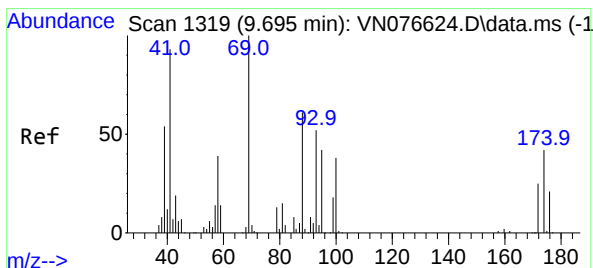
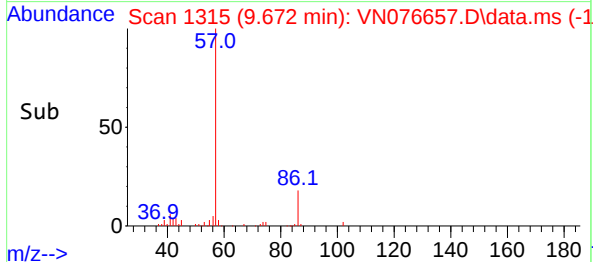
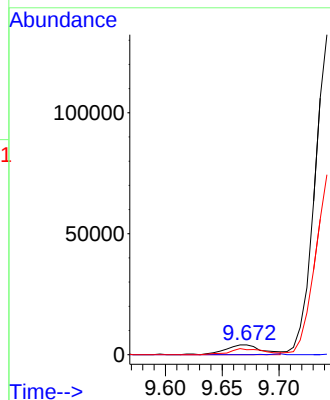
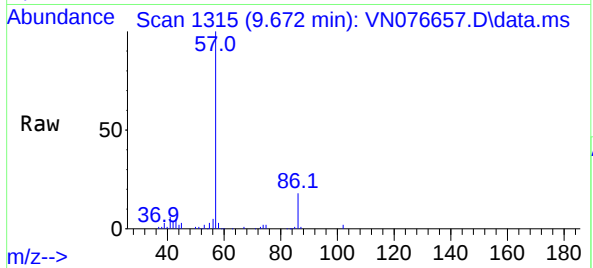




#48
Methyl methacrylate
Concen: 2.347 ug/l
RT: 9.672 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

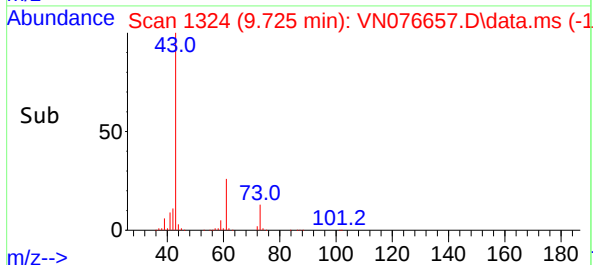
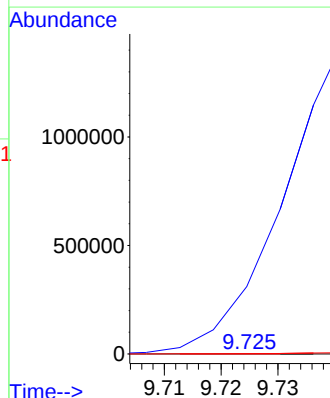
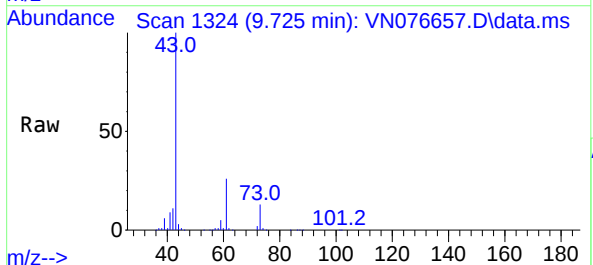
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

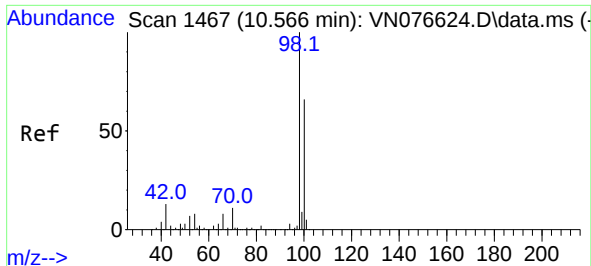
Tgt Ion: 41 Resp: 9178
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.0#
39 57.9 49.3 73.9



#49
1,4-Dioxane
Concen: 1.257 ug/l
RT: 9.725 min Scan# 1324
Delta R.T. 0.029 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8#
58 0.0 57.6 86.4#

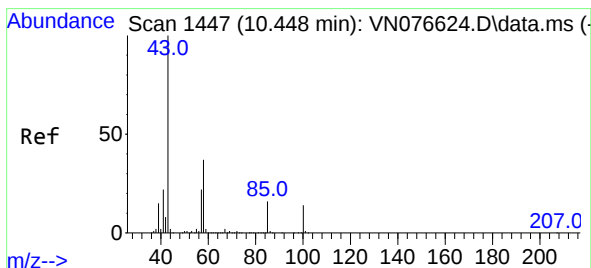
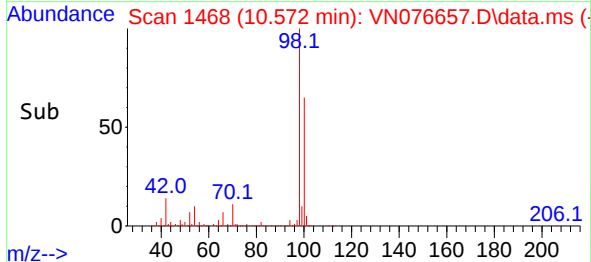
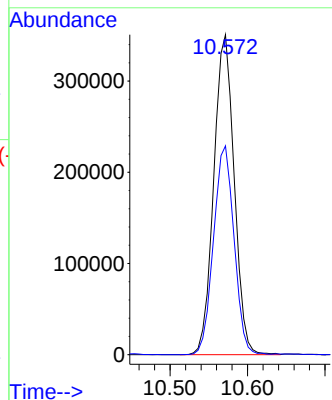
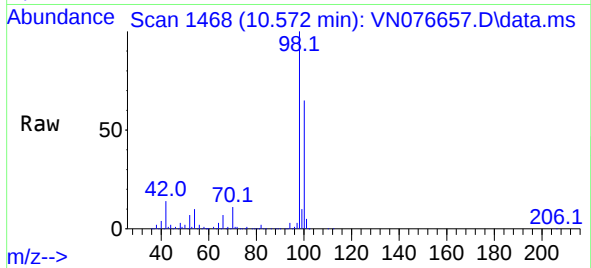




#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

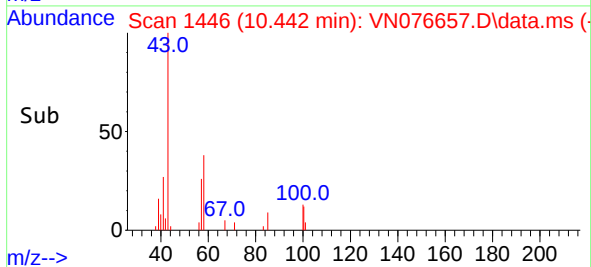
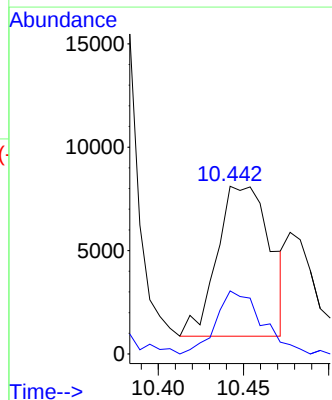
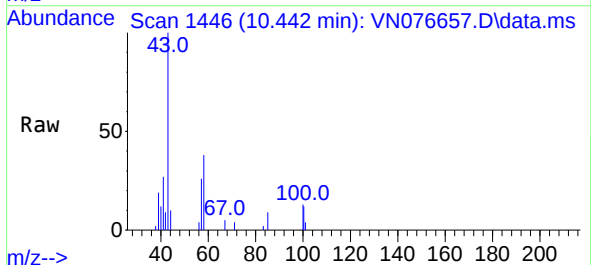
Instrument :
MSVOA_N
ClientSampleId :
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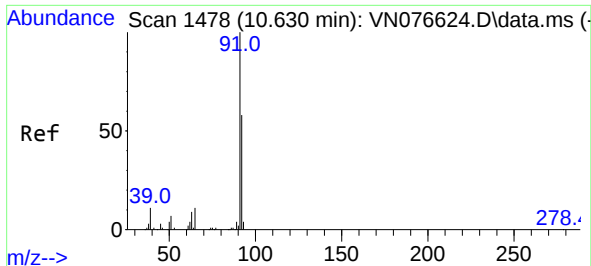
Tgt Ion: 98 Resp: 642254
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 3.016 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 43 Resp: 15810
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3

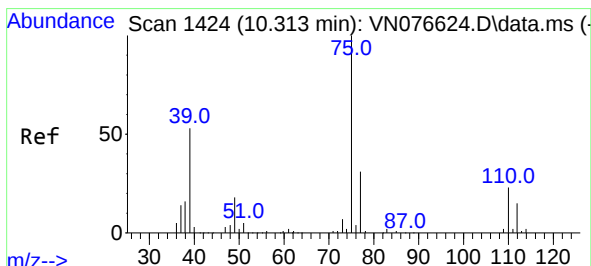
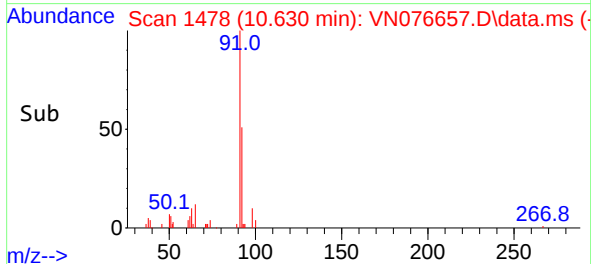
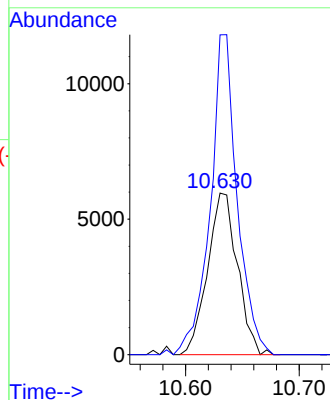
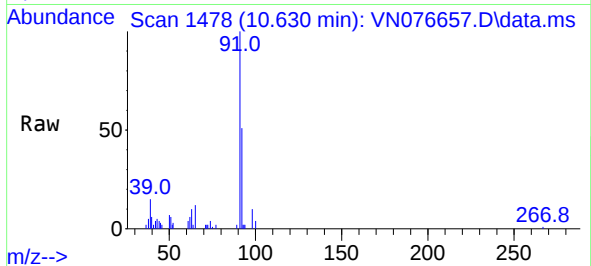




#52
Toluene
Concen: 1.221 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

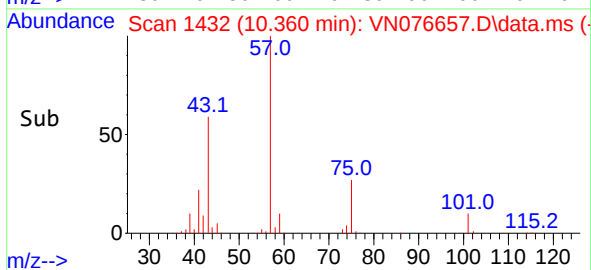
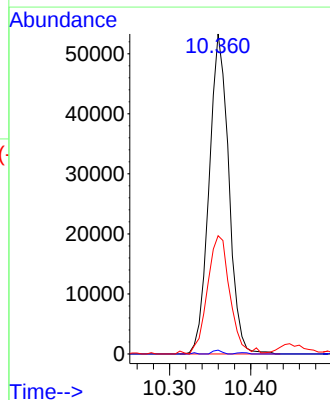
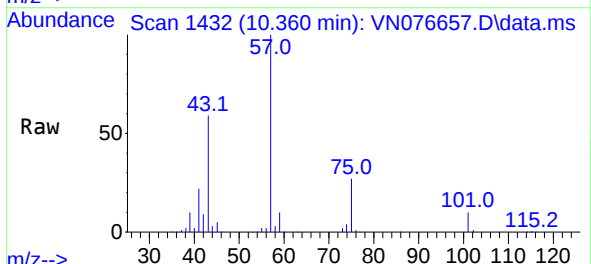
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

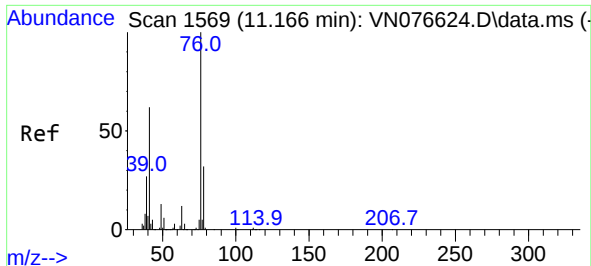
Tgt Ion: 92 Resp: 10895
Ion Ratio Lower Upper
92 100
91 179.2 138.0 207.0



#54
cis-1,3-Dichloropropene
Concen: 16.068 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 75 Resp: 89711
Ion Ratio Lower Upper
75 100
77 1.2 25.1 37.7#
39 36.1 42.3 63.5#





#57

1,3-Dichloropropane

Concen: 2.029 ug/l

RT: 11.201 min Scan# 1575

Delta R.T. 0.035 min

Lab File: VN076657.D

Acq: 14 Feb 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

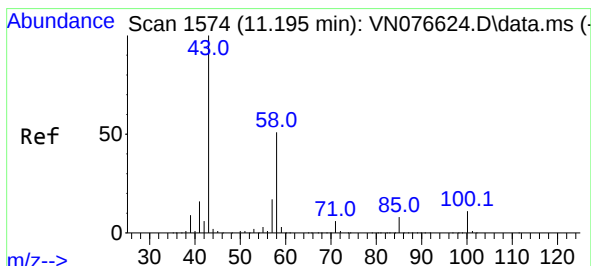
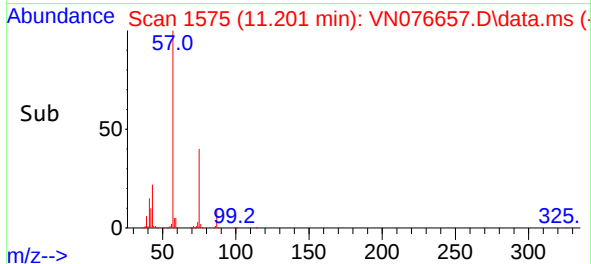
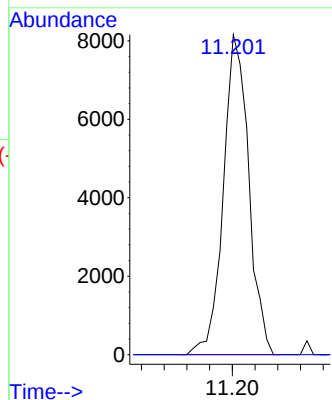
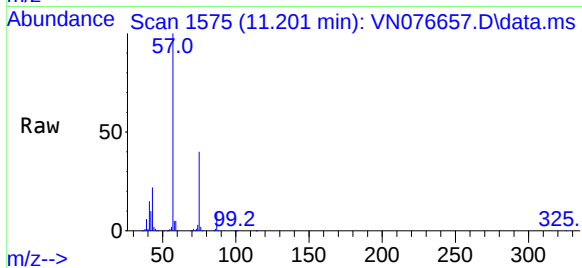
PB150827TB

Tgt Ion: 76 Resp: 12646

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 64.456 ug/l

RT: 11.171 min Scan# 1570

Delta R.T. -0.024 min

Lab File: VN076657.D

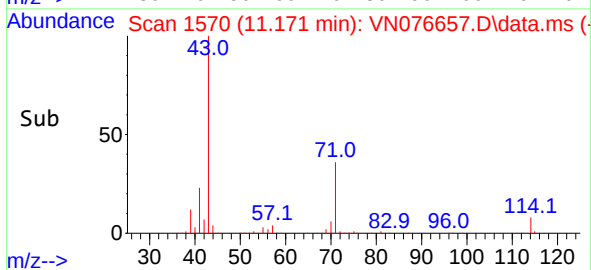
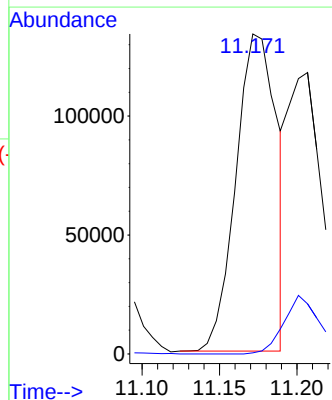
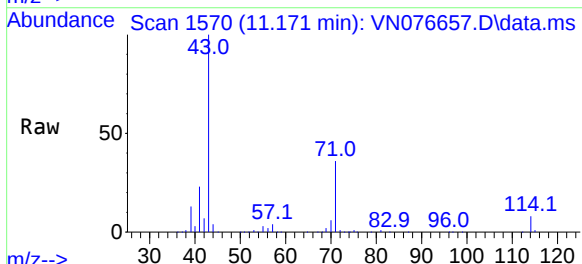
Acq: 14 Feb 2023 13:17

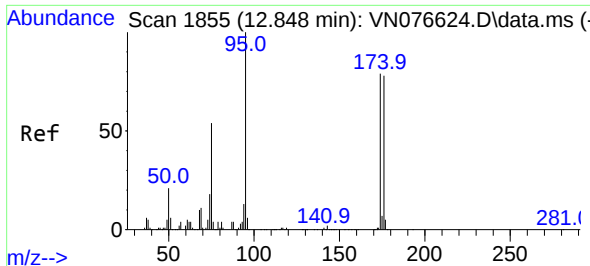
Tgt Ion: 43 Resp: 243658

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.0#

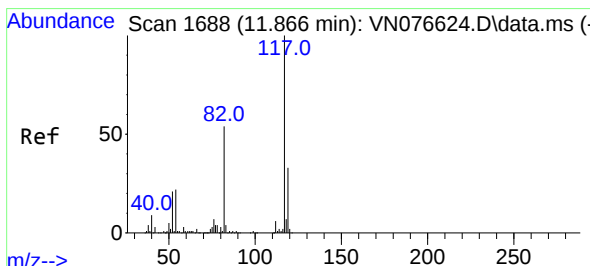
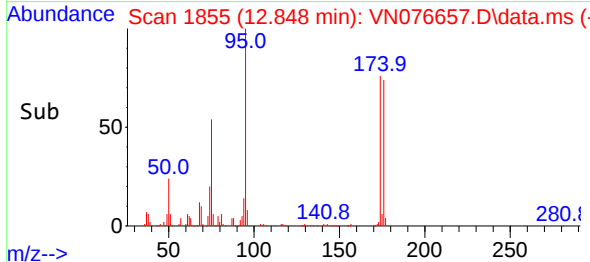
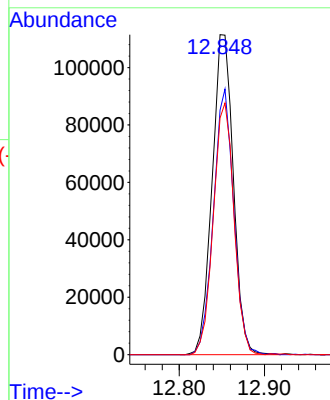
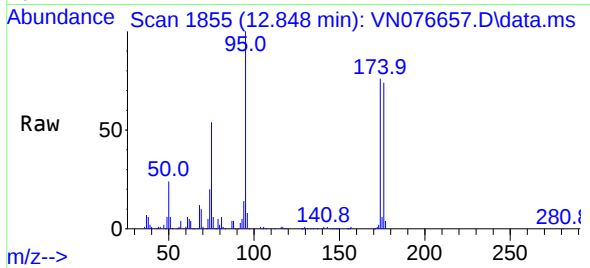




#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

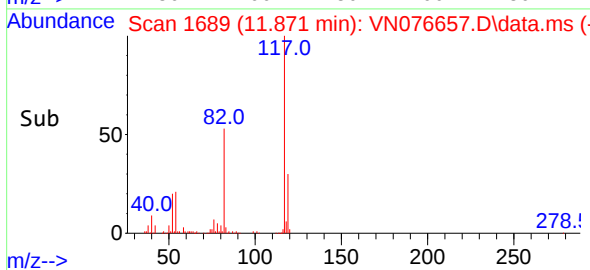
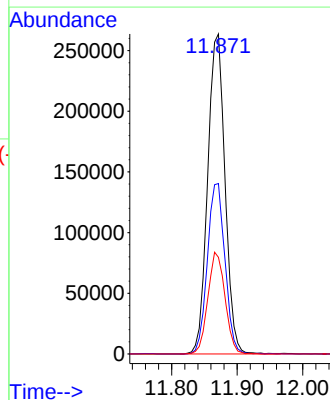
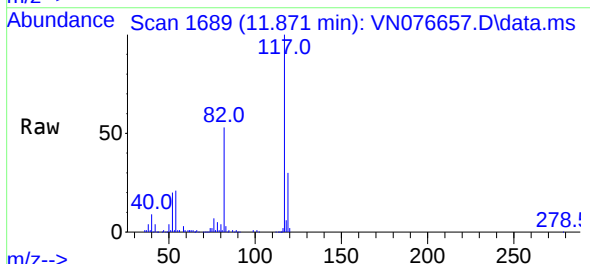
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

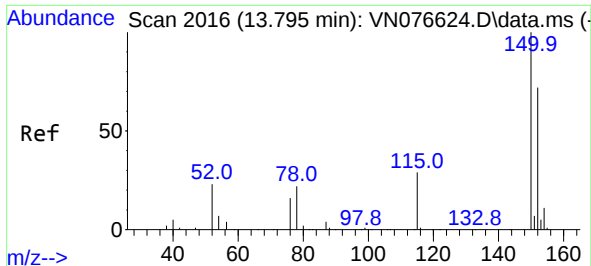
Tgt Ion: 95 Resp: 192484
Ion Ratio Lower Upper
95 100
174 79.6 0.0 169.2
176 76.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 117 Resp: 485711
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.2
119 30.2 26.1 39.1

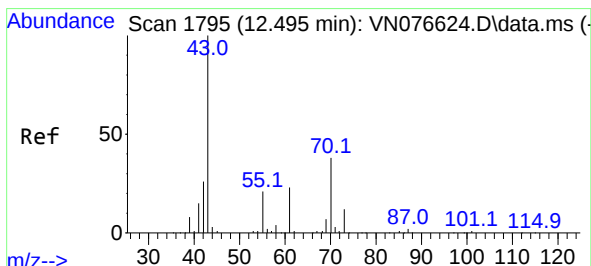
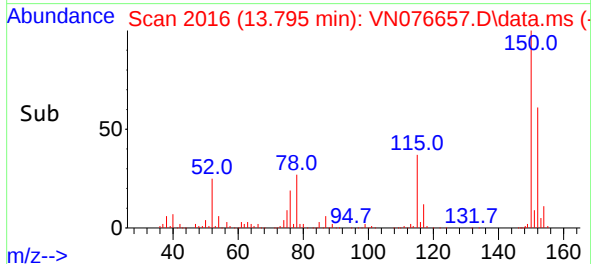
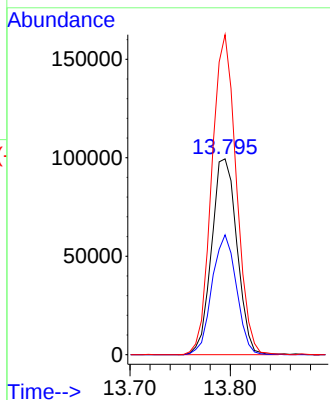
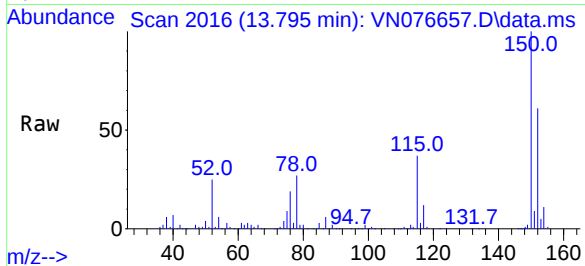




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

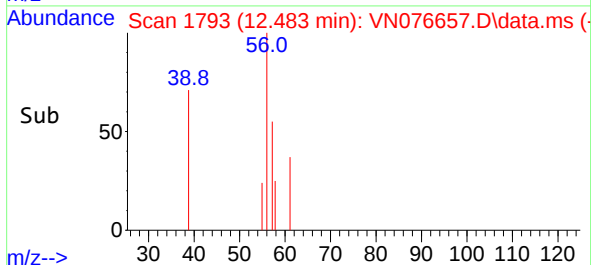
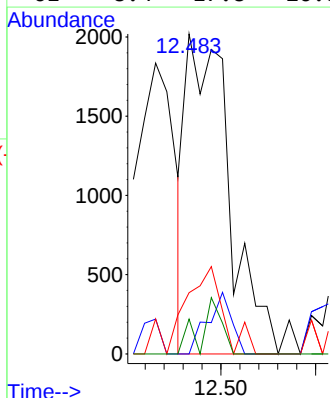
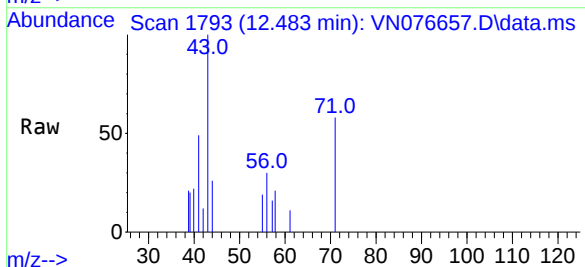
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

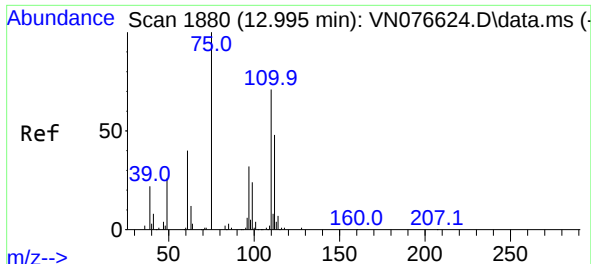
Tgt Ion:152 Resp: 174559
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.9
150 158.0 0.0 349.8



#74
N-ethyl acetate
Concen: 0.558 ug/l
RT: 12.483 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
70 10.6 30.5 45.7#
55 25.3 17.8 26.8
61 8.4 17.8 26.8#

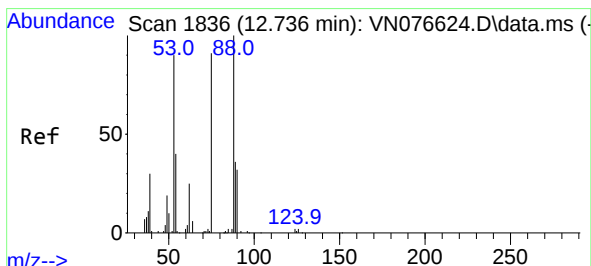
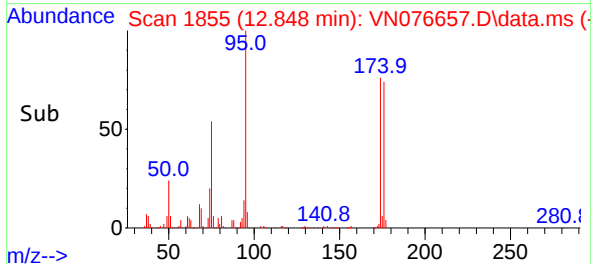
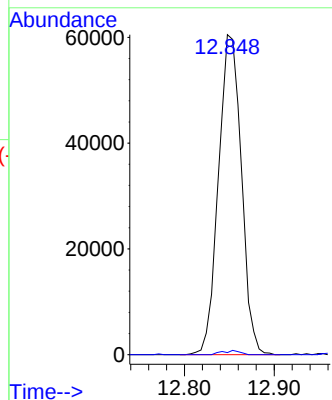
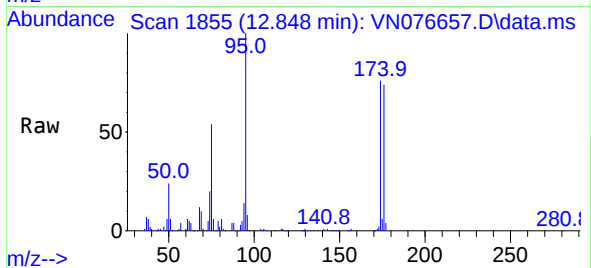




#76
1,2,3-Trichloropropane
Concen: 30.400 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

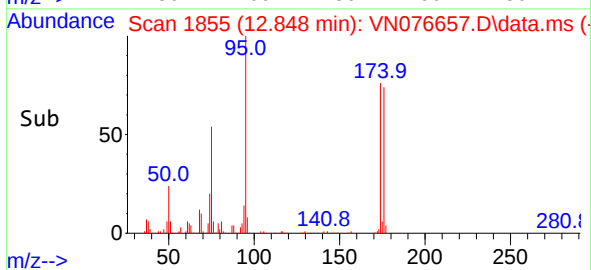
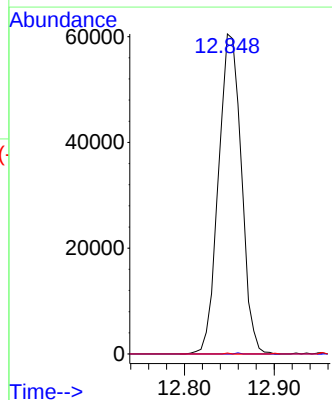
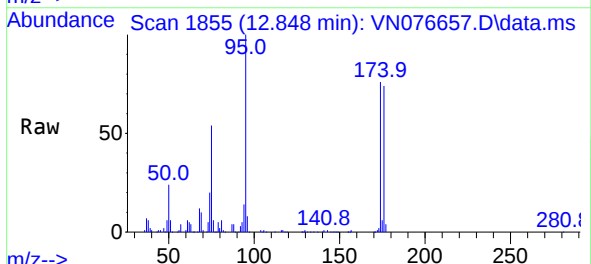
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

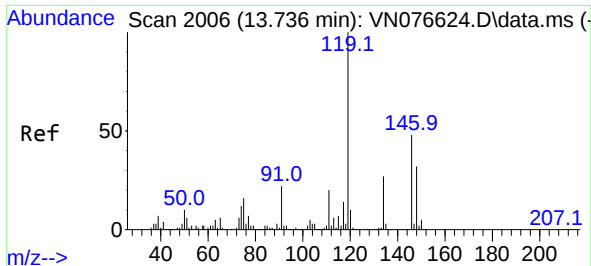
Tgt Ion: 75 Resp: 107283
Ion Ratio Lower Upper
75 100
77 1.0 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.541 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion: 75 Resp: 107283
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.1 37.5 56.3#

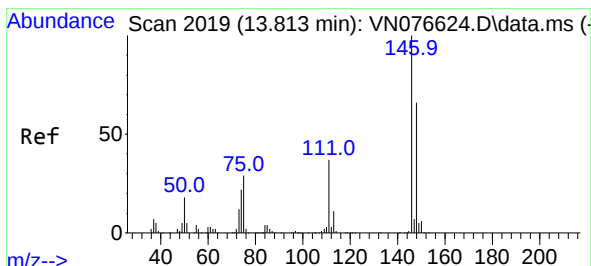
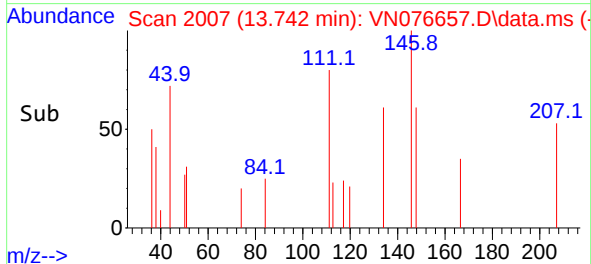
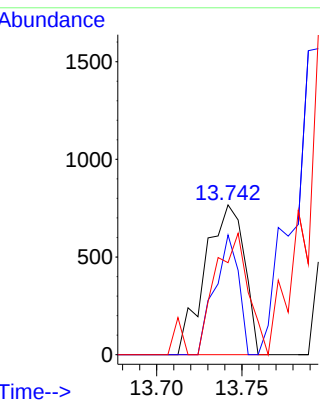
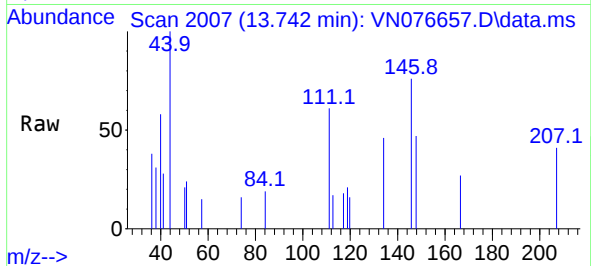




#87
1,3-Dichlorobenzene
Concen: 0.203 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. 0.006 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

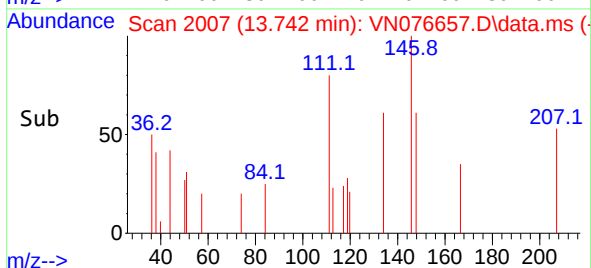
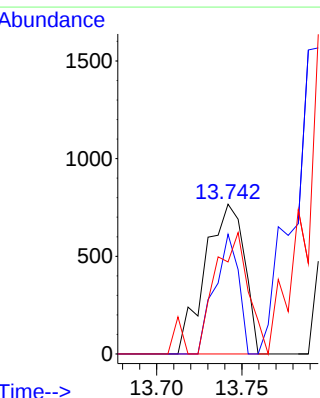
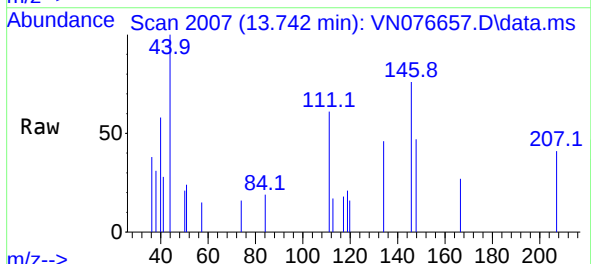
Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

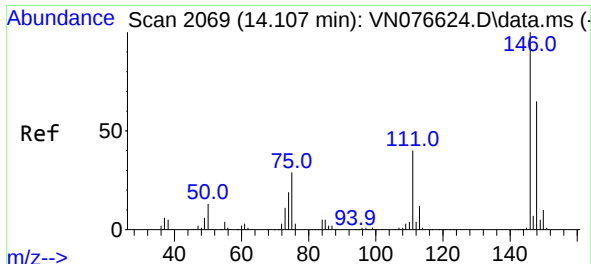
Tgt Ion:146 Resp: 1227
Ion Ratio Lower Upper
146 100
111 48.6 19.8 59.4
148 67.6 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.204 ug/l
RT: 13.742 min Scan# 2007
Delta R.T. -0.071 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion:146 Resp: 1227
Ion Ratio Lower Upper
146 100
111 48.6 19.4 58.1
148 67.6 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 0.235 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076657.D

Acq: 14 Feb 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

PB150827TB

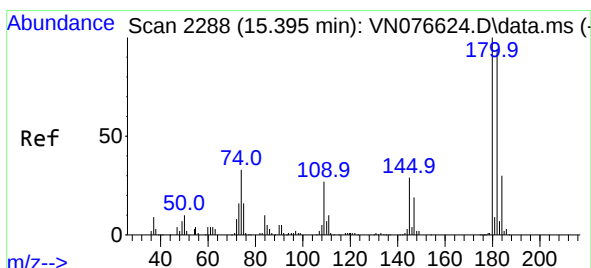
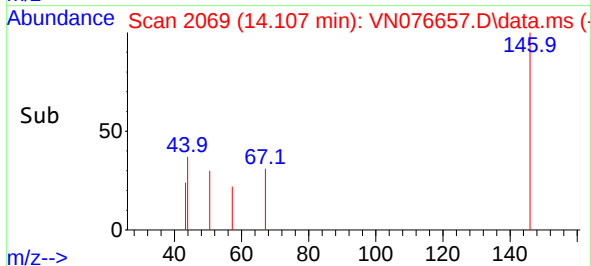
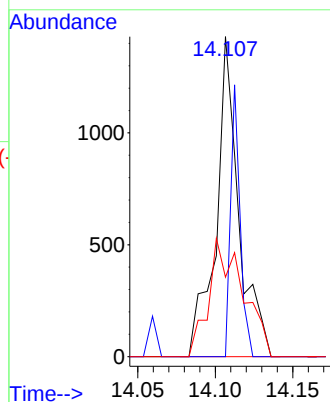
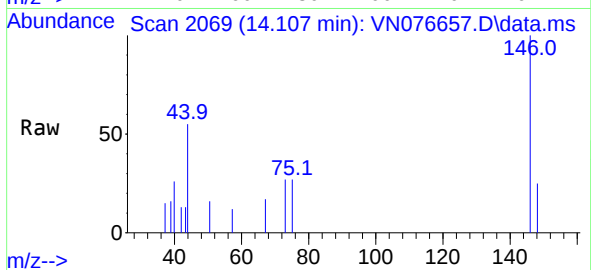
Tgt Ion:146 Resp: 1456

Ion Ratio Lower Upper

146 100

111 35.3 20.0 59.9

148 56.0 32.4 97.2



#93

1,2,4-Trichlorobenzene

Concen: 0.524 ug/l

RT: 15.401 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VN076657.D

Acq: 14 Feb 2023 13:17

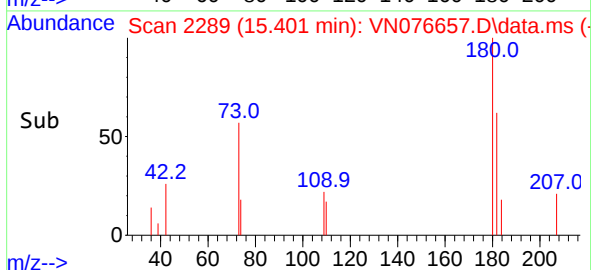
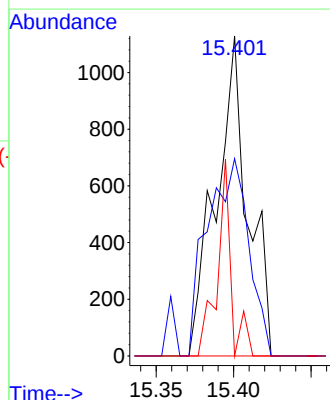
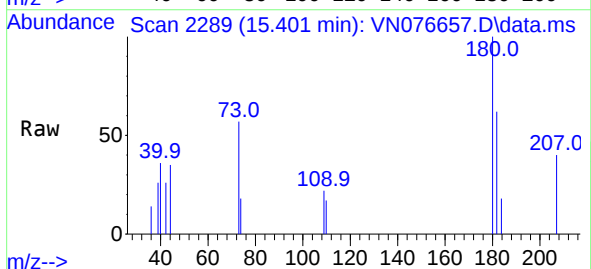
Tgt Ion:180 Resp: 1617

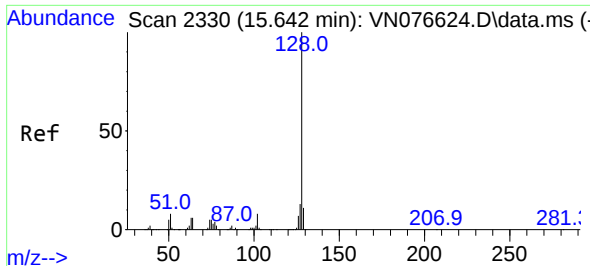
Ion Ratio Lower Upper

180 100

182 80.1 48.0 144.0

145 26.4 15.2 45.6

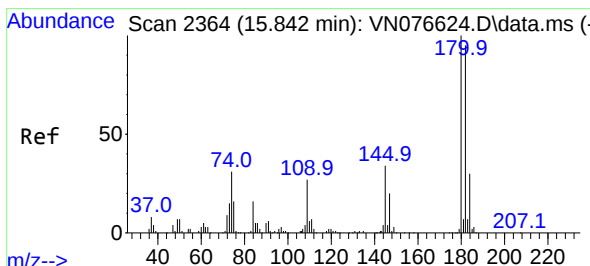
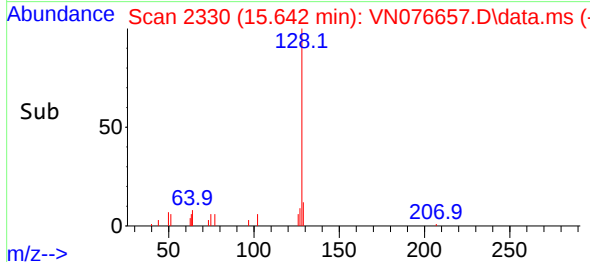
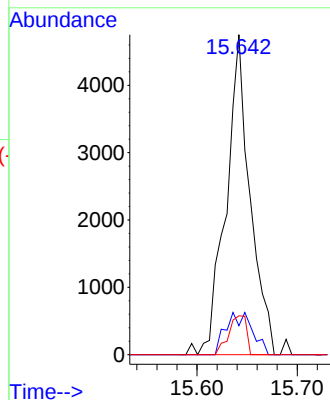
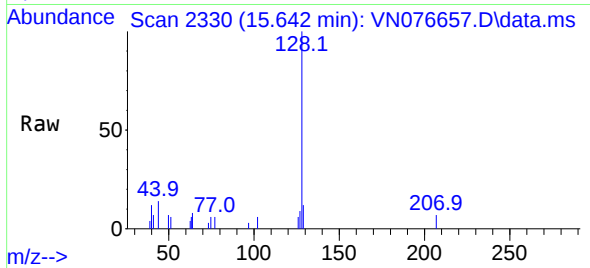




#95
Naphthalene
Concen: 0.847 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
PB150827TB

Tgt Ion:	128	Resp:	7930
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.6	16.0
129	9.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.743 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076657.D
Acq: 14 Feb 2023 13:17

Tgt Ion:	180	Resp:	2221
Ion	Ratio	Lower	Upper
180	100		
182	85.1	46.7	140.1
145	22.1	16.0	47.9

