

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067836.D
 Acq On : 21 Jul 2021 14:12
 Operator : JC/MD
 Sample : M3038-03
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 15:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	322029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	596714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	552429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	233136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	249239	51.212	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.420%
35) Dibromofluoromethane	8.019	113	177371	49.199	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.400%
50) Toluene-d8	10.443	98	747257	49.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.736	95	252454	47.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.720%

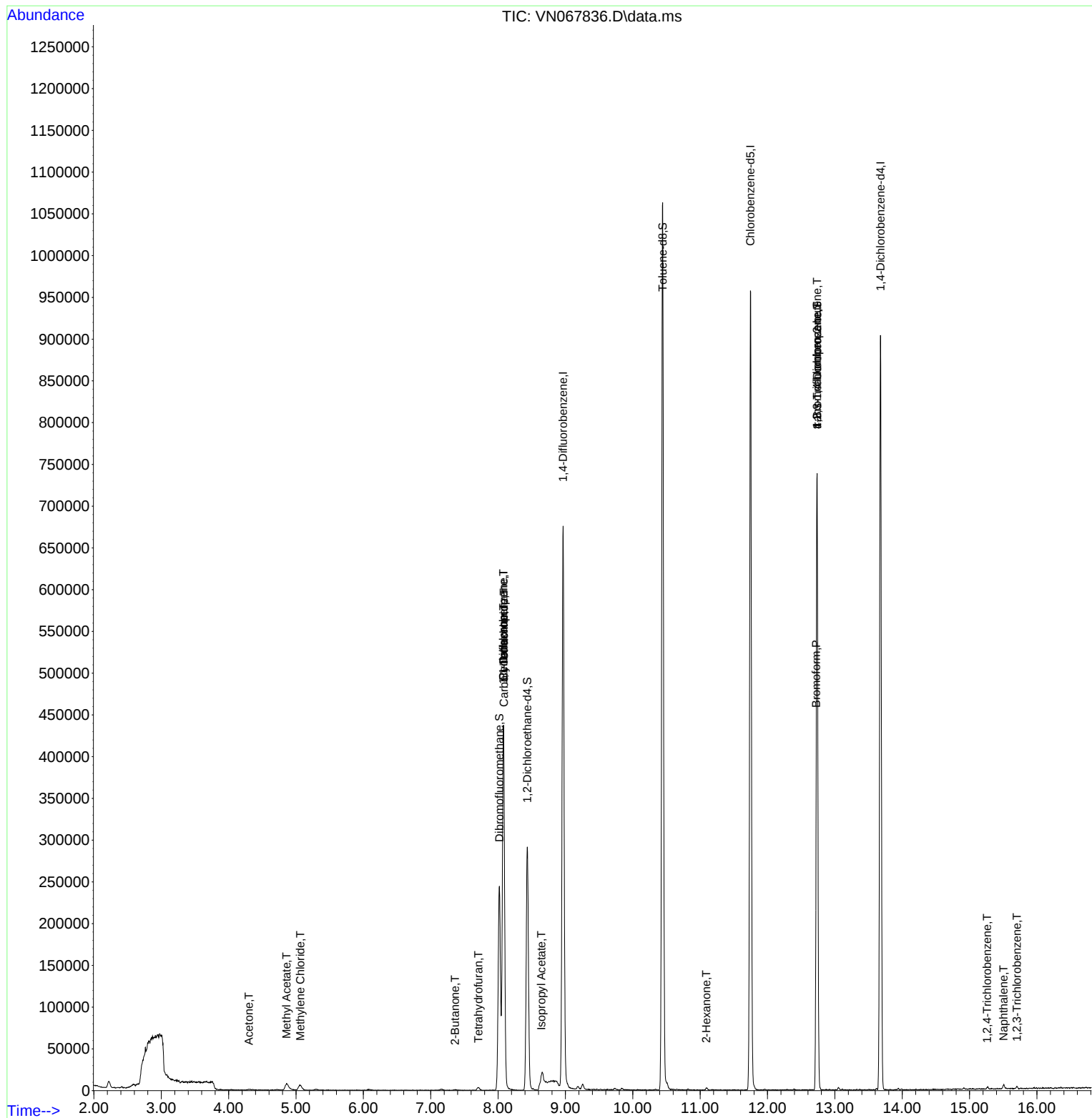
Target Compounds				Qvalue		
5) Bromomethane	2.802	94	1681	Below Cal		82
6) Chloroethane	3.001	64	297	Below Cal	#	44
13) Acrolein	4.039	56	245	Below Cal	#	79
16) Acetone	4.299	43	717	0.468	ug/l #	70
18) Methyl Acetate	4.859	43	19602	4.557	ug/l #	90
20) Methylene Chloride	5.063	84	5661	0.900	ug/l #	72
25) 2-Butanone	7.359	43	810	0.319	ug/l #	51
29) Tetrahydrofuran	7.707	42	1657	0.991	ug/l	89
31) Cyclohexane	8.080	56	8692	1.274	ug/l #	14
36) 1,1-Dichloropropene	8.078	75	27875	5.029	ug/l #	53
38) Carbon Tetrachloride	8.086	117	35743	6.537	ug/l #	16
43) Isopropyl Acetate	8.643	43	12676	1.342	ug/l #	58
59) 2-Hexanone	11.092	43	1126	0.278	ug/l	85
71) Bromoform	12.723	173	441	3.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	140689	29.550	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	140689	95.272	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	805	2.871	ug/l	95
95) Naphthalene	15.504	128	4670	3.397	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.702	180	813	2.839	ug/l	70

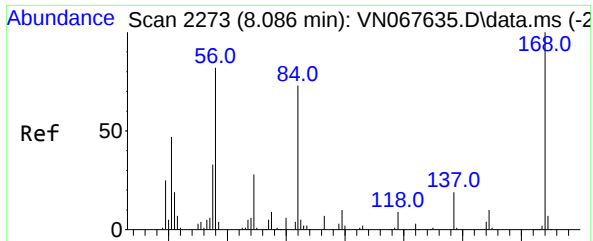
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
Data File : VN067836.D
Acq On : 21 Jul 2021 14:12
Operator : JC/MD
Sample : M3038-03
Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 21 15:11:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

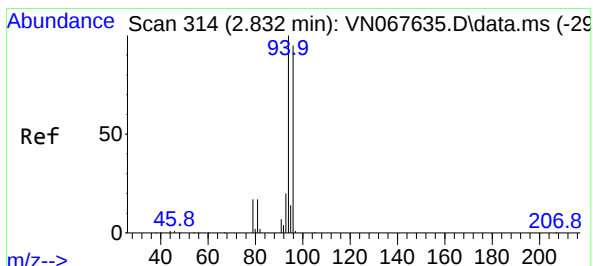
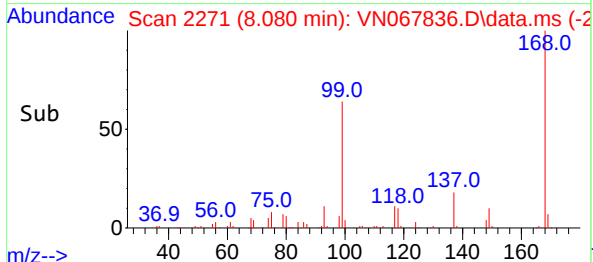
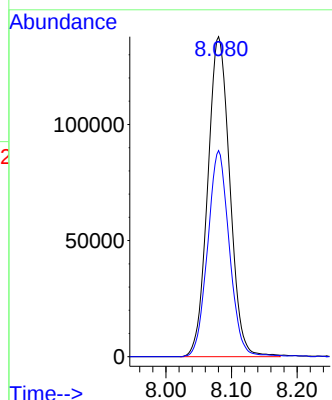
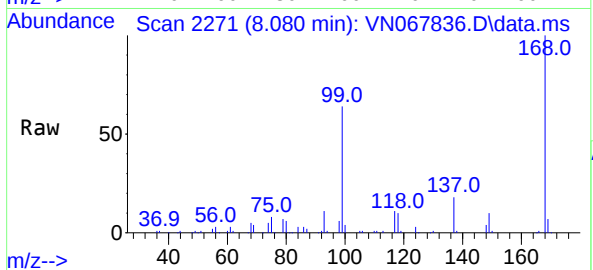




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

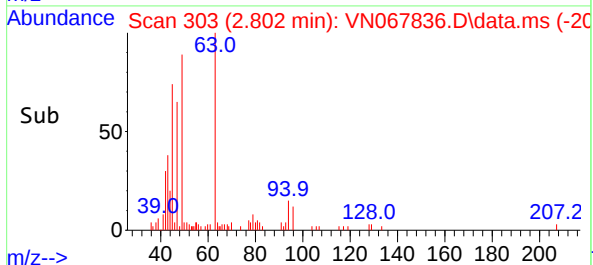
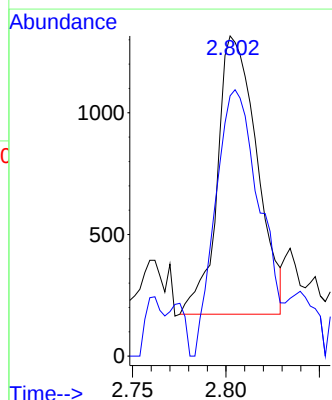
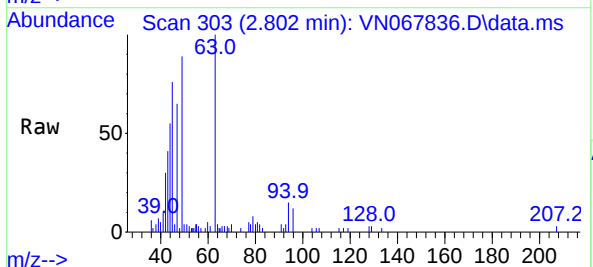
Instrument :
MSVOA_N
ClientSampleId :

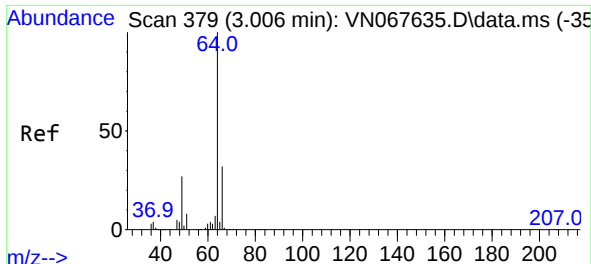
Tgt Ion:168 Resp: 322029
Ion Ratio Lower Upper
168 100
99 64.4 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.802 min Scan# 303
Delta R.T. -0.030 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 94 Resp: 1681
Ion Ratio Lower Upper
94 100
96 74.6 73.7 110.5

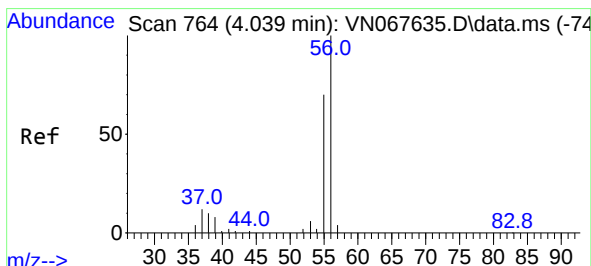
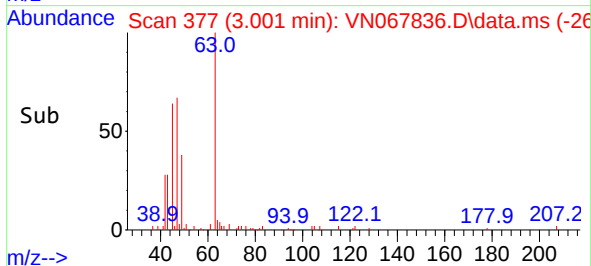
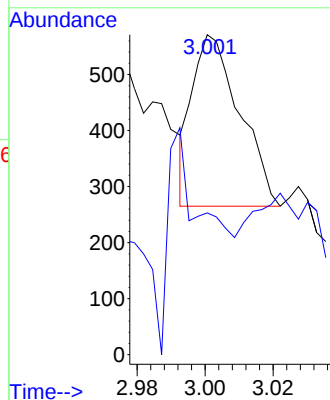
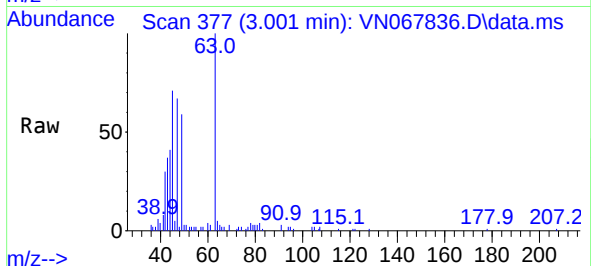




#6
Chloroethane
Concen: Below Cal
RT: 3.001 min Scan# 377
Delta R.T. -0.005 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

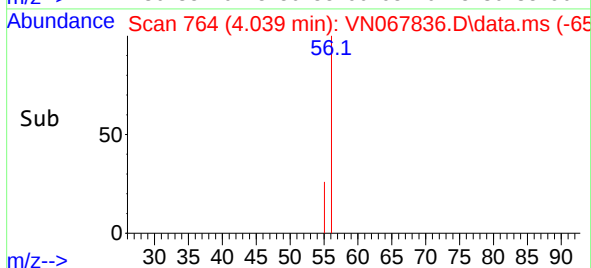
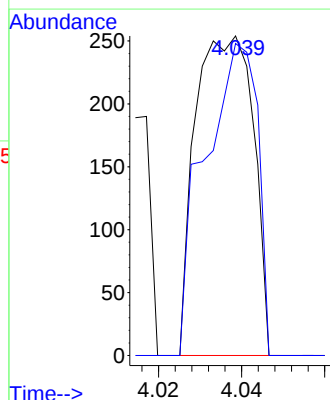
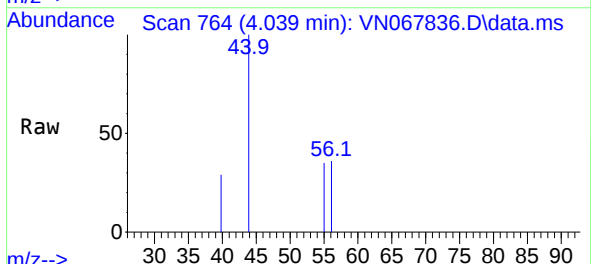
Instrument :
MSVOA_N
ClientSampled :

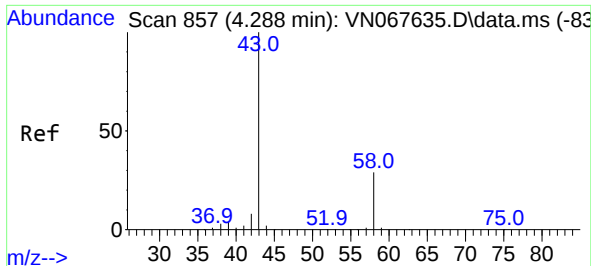
Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 89.4 57.4 86.0#

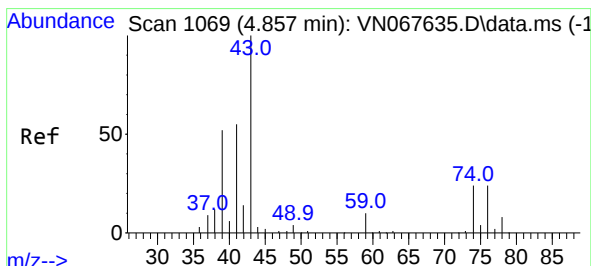
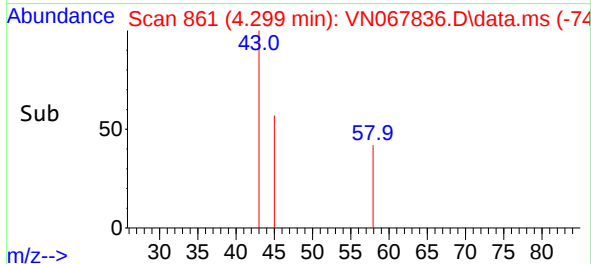
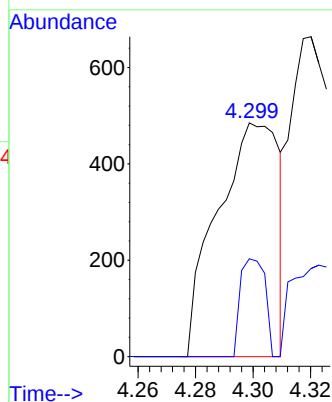
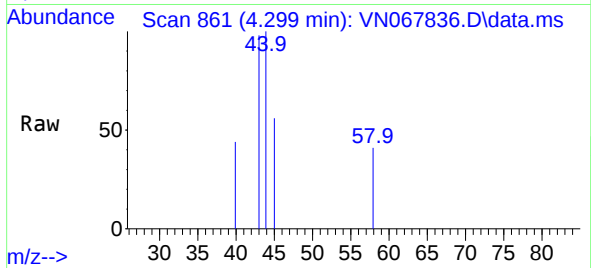




#16
Acetone
Concen: 0.468 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

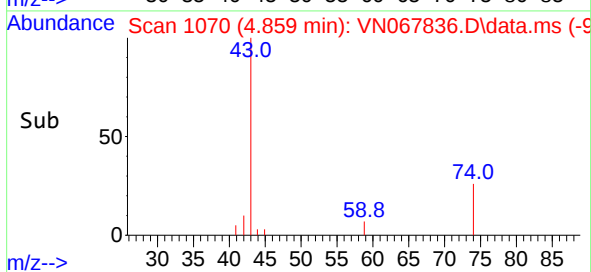
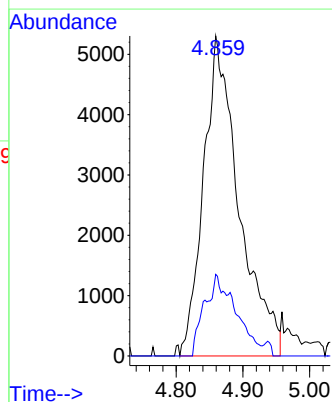
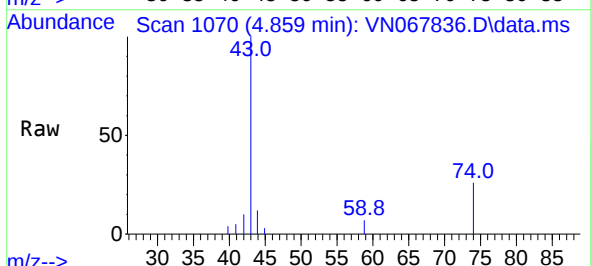
Instrument :
MSVOA_N
ClientSampled :

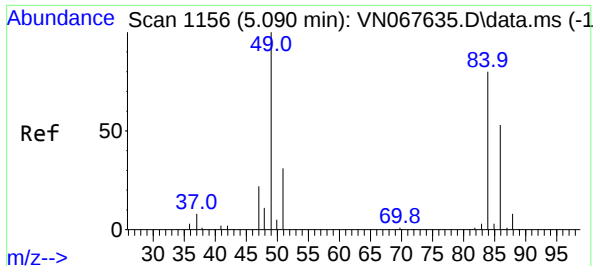
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 41.9 21.2 31.8#



#18
Methyl Acetate
Concen: 4.557 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 43 Resp: 19602
Ion Ratio Lower Upper
43 100
74 16.8 17.4 26.0#



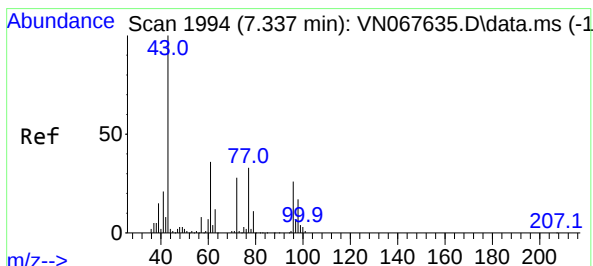
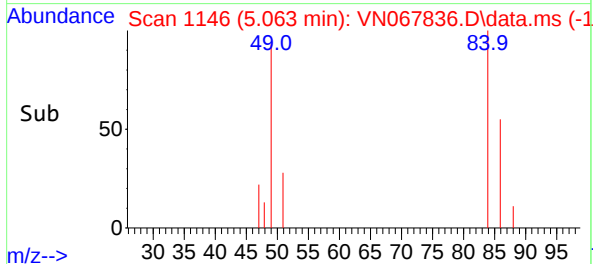
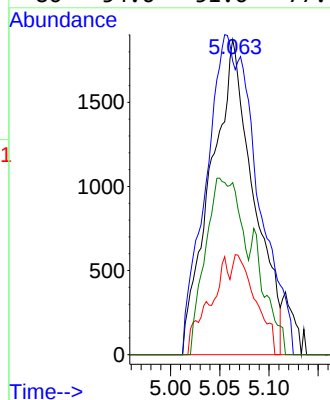
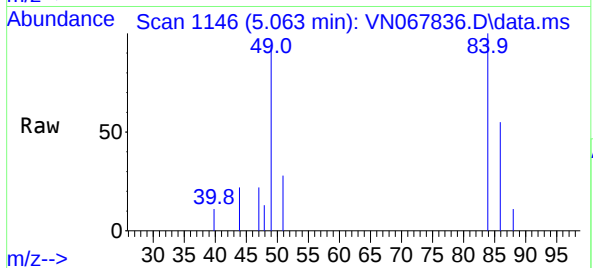


#20
Methylene Chloride
Concen: 0.900 ug/l
RT: 5.063 min Scan# 1146
Delta R.T. -0.027 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 84 Resp: 5661

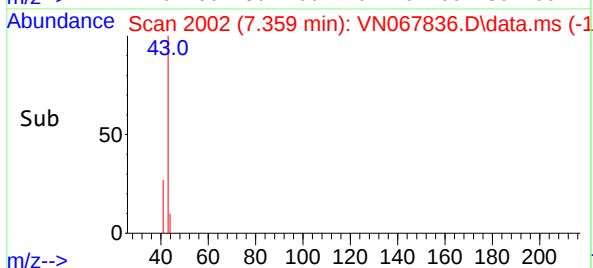
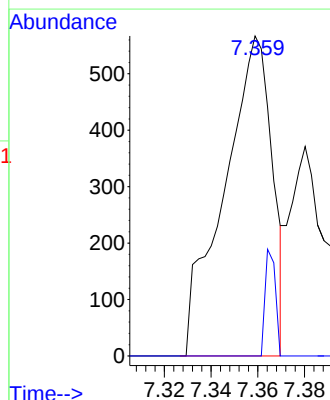
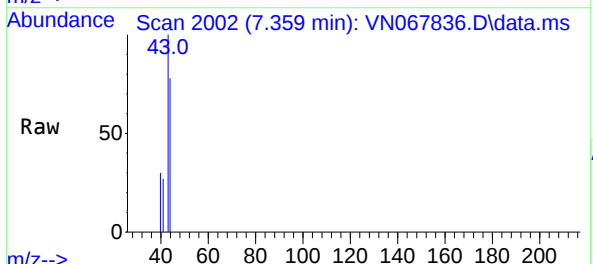
Ion	Ratio	Lower	Upper
84	100		
49	93.2	110.9	166.3#
51	28.0	32.6	49.0#
86	54.6	51.6	77.4

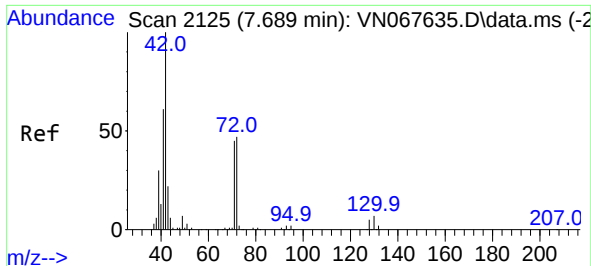


#25
2-Butanone
Concen: 0.319 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.022 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 43 Resp: 810

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.7	29.5#





#29

Tetrahydrofuran

Concen: 0.991 ug/l

RT: 7.707 min Scan# 2132

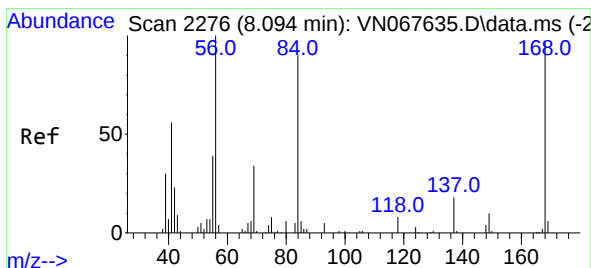
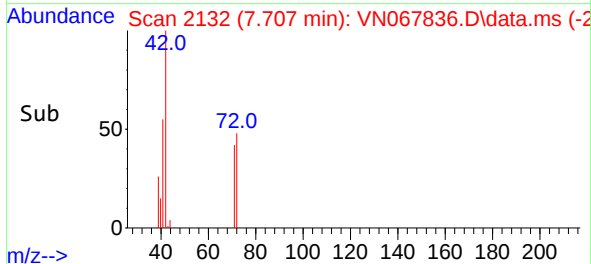
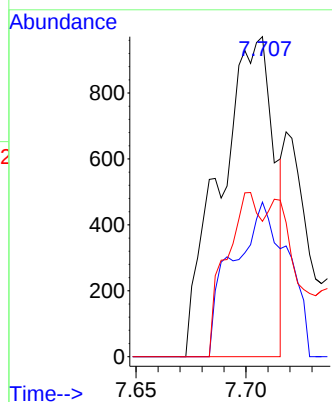
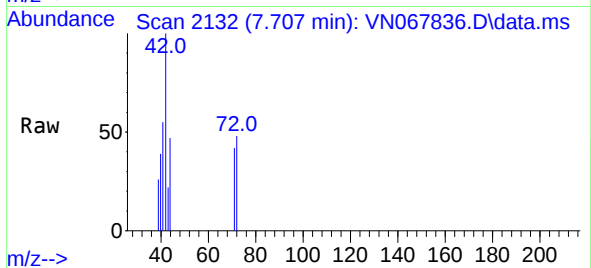
Delta R.T. 0.018 min

Lab File: VN067836.D

Acq: 21 Jul 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	1657
Ion	Ratio	Lower	Upper
42	100		
72	48.9	32.8	49.2
71	33.4	31.2	46.8



#31

Cyclohexane

Concen: 1.274 ug/l

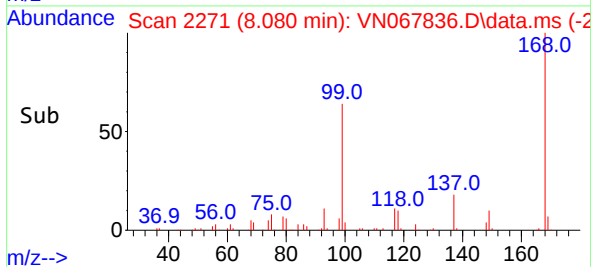
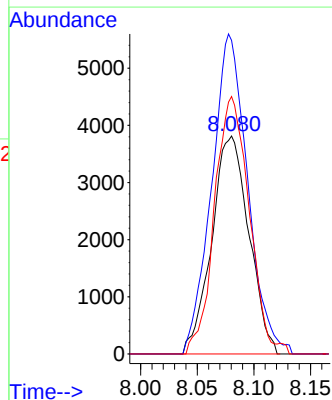
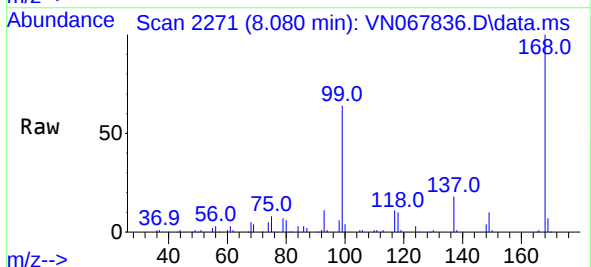
RT: 8.080 min Scan# 2271

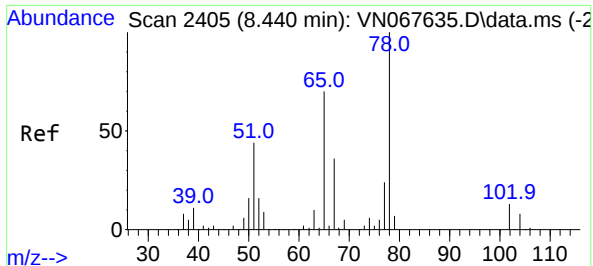
Delta R.T. -0.014 min

Lab File: VN067836.D

Acq: 21 Jul 2021 14:12

Tgt Ion:	56	Resp:	8692
Ion	Ratio	Lower	Upper
56	100		
69	143.9	27.3	40.9#
84	118.1	64.9	97.3#



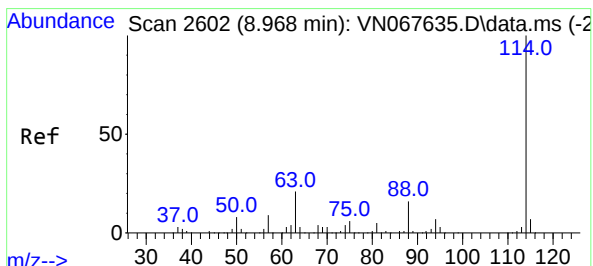
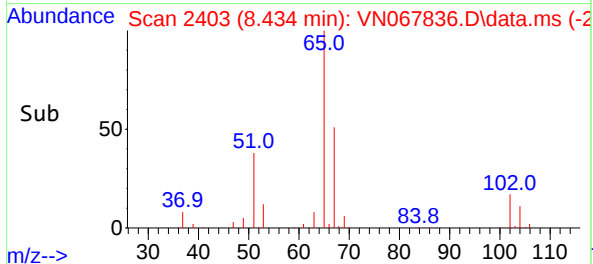
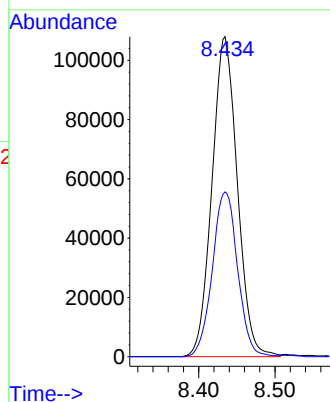
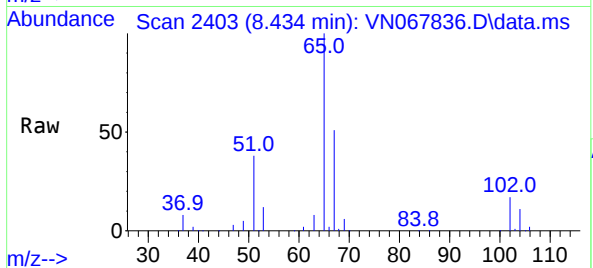


#33

1,2-Dichloroethane-d4
Concen: 51.212 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

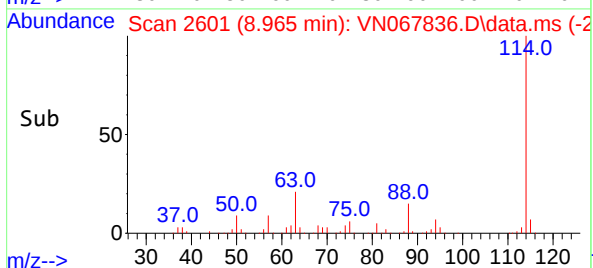
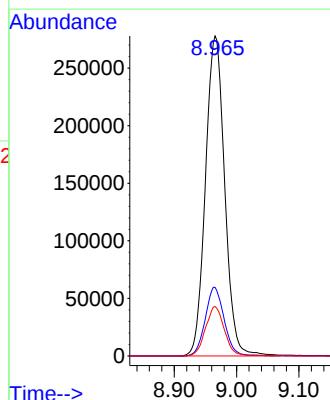
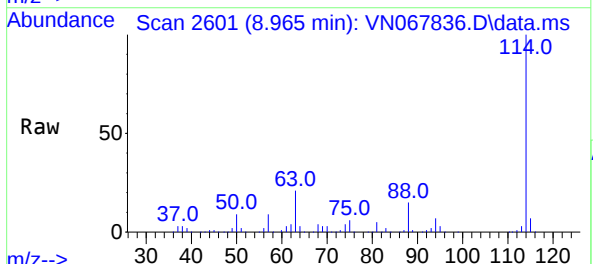
Tgt Ion: 65 Resp: 249239
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

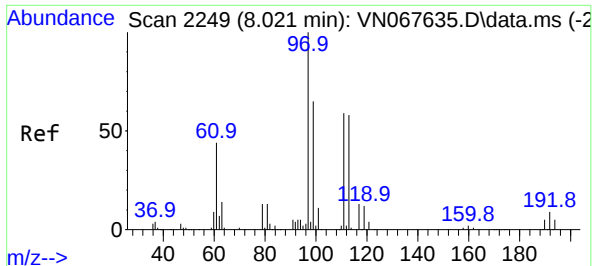


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 114 Resp: 596714
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 15.5 0.0 36.6

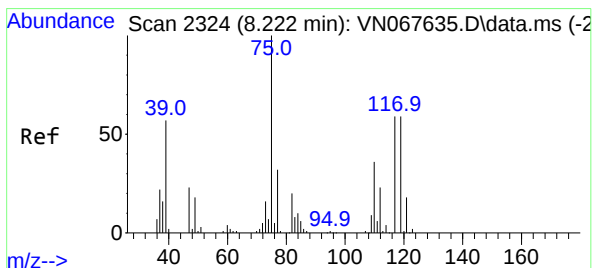
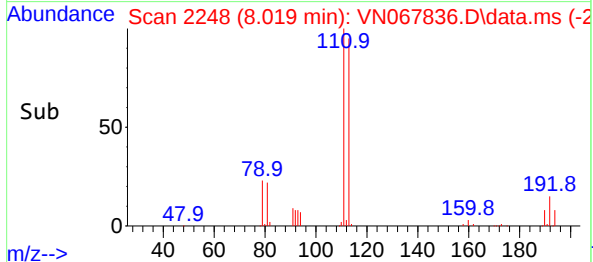
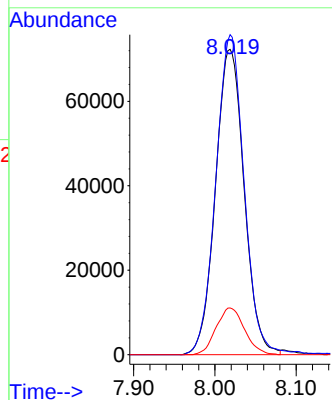
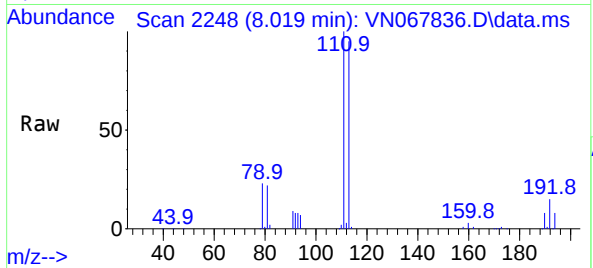




#35
Dibromofluoromethane
Concen: 49.199 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

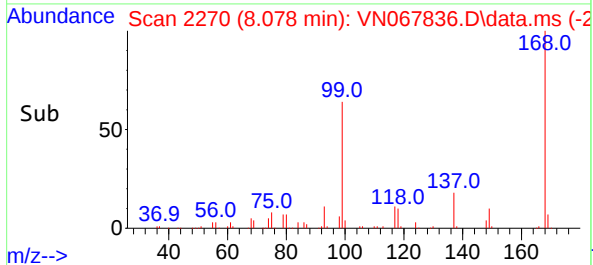
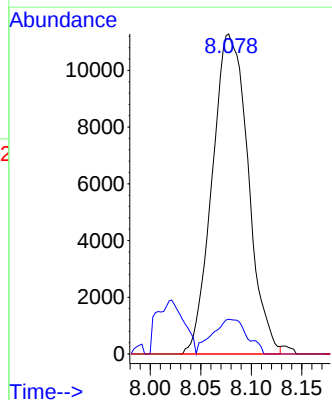
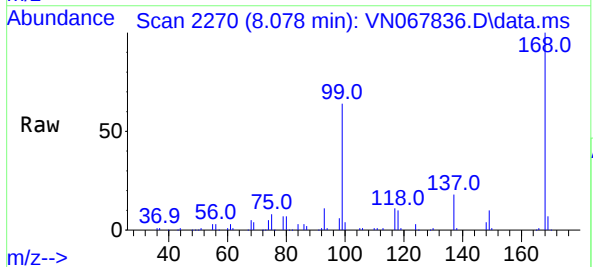
Instrument :
MSVOA_N
ClientSampleId :

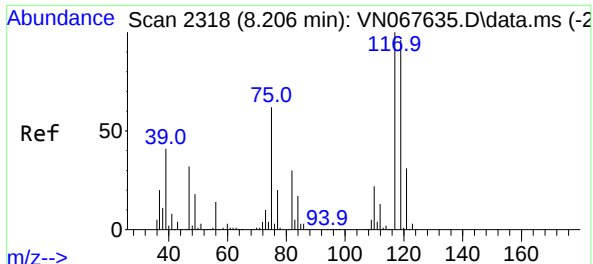
Tgt Ion:113 Resp: 177371
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 15.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.029 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.144 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

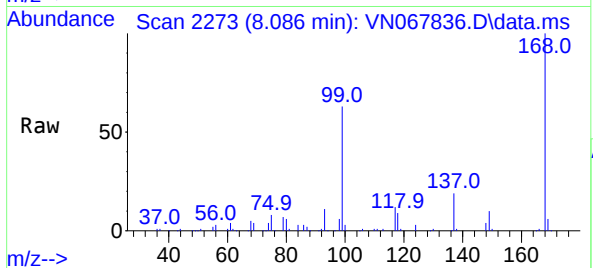
Tgt Ion: 75 Resp: 27875
Ion Ratio Lower Upper
75 100
110 10.5 15.7 47.0#
77 0.0 24.6 37.0#



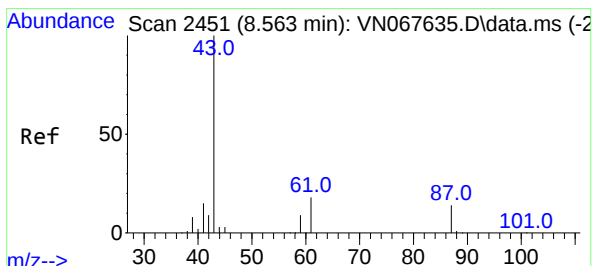
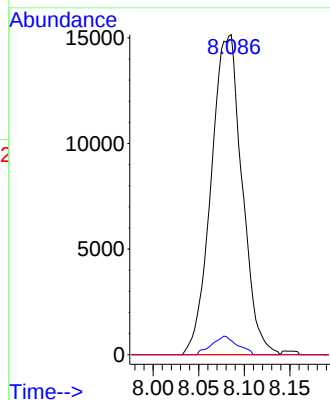
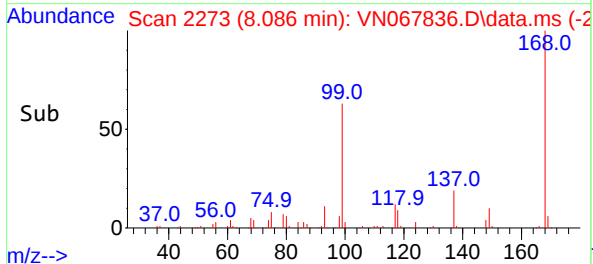


#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

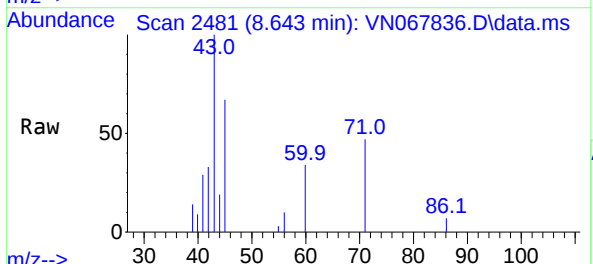
Instrument :
MSVOA_N
ClientSampleId :



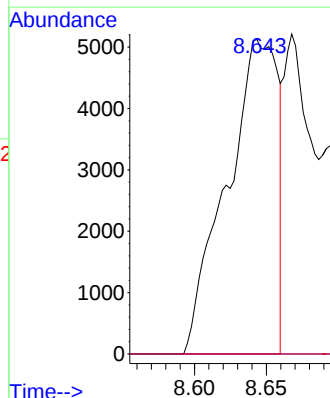
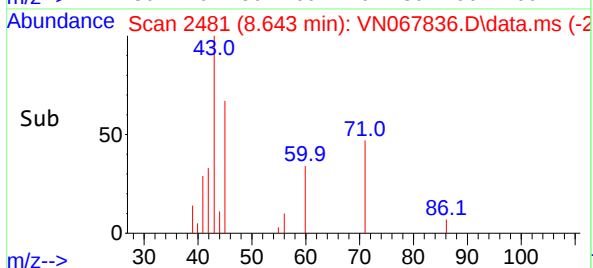
Tgt Ion:117 Resp: 35743
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.2#
121 0.0 23.5 35.3#

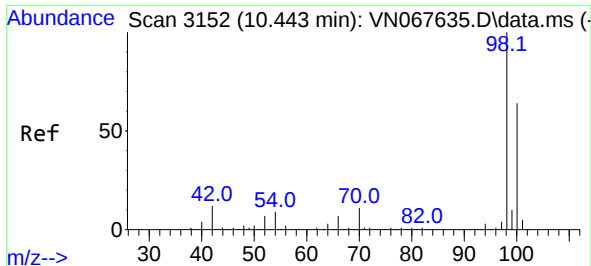


#43
Isopropyl Acetate
Concen: 1.342 ug/l
RT: 8.643 min Scan# 2481
Delta R.T. 0.080 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12



Tgt Ion: 43 Resp: 12676
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

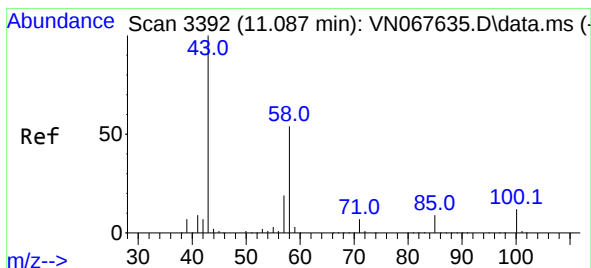
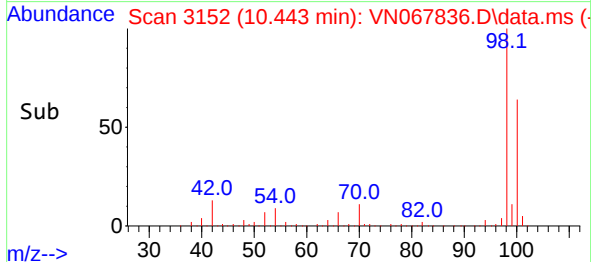
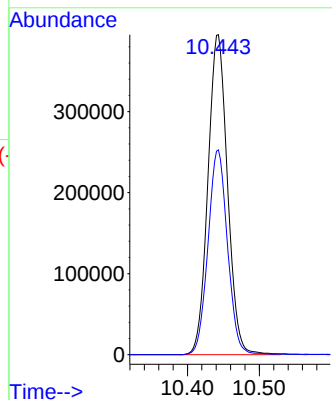
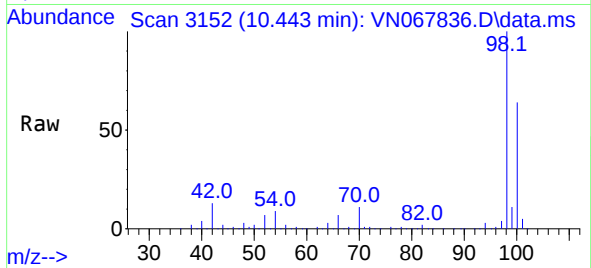




#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

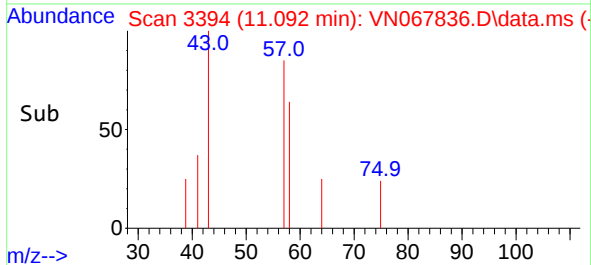
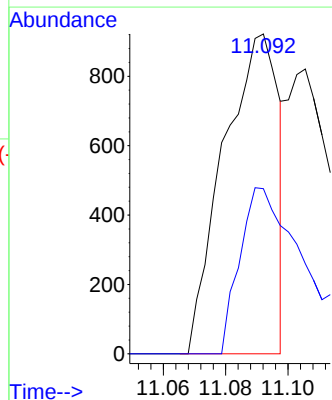
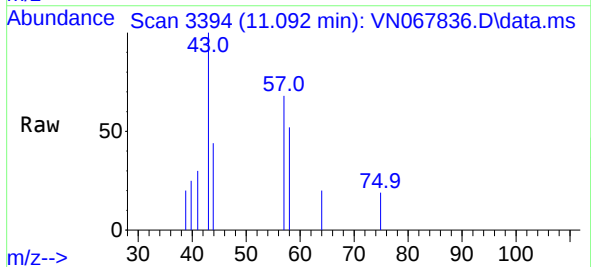
Instrument :
MSVOA_N
ClientSampled :

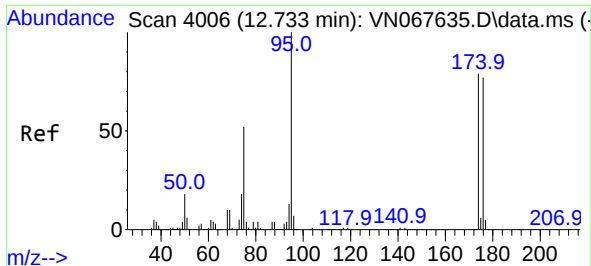
Tgt Ion: 98 Resp: 747257
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#59
2-Hexanone
Concen: 0.278 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 59.9 24.7 74.1

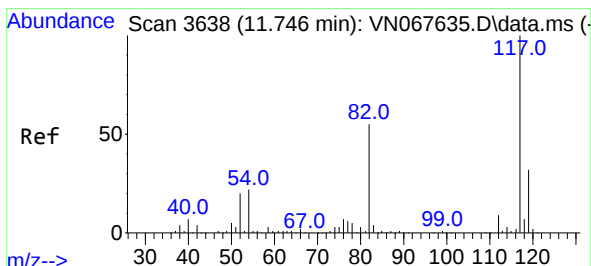
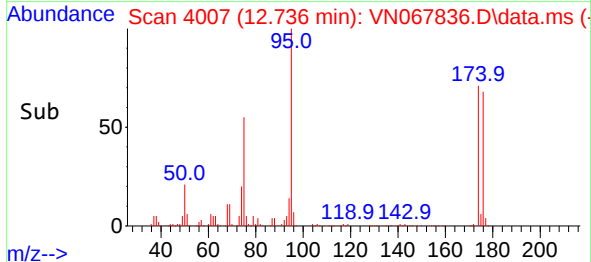
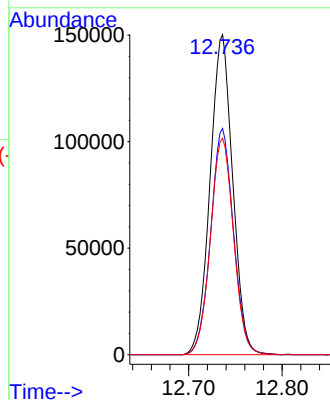
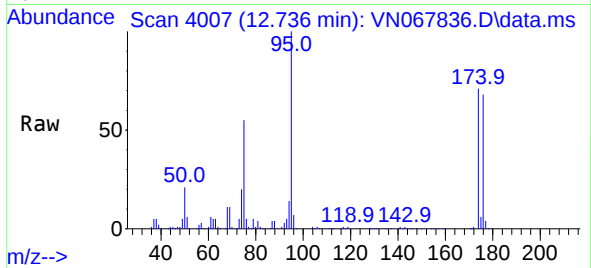




#62
4-Bromofluorobenzene
Concen: 47.358 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

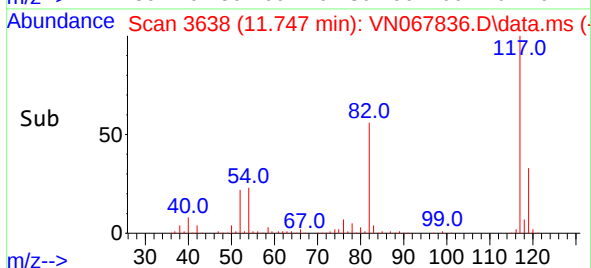
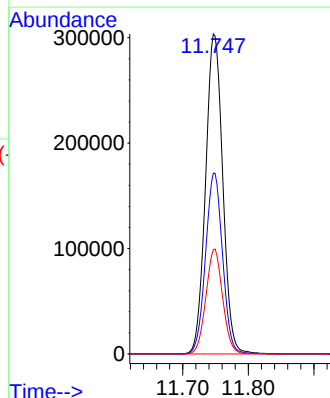
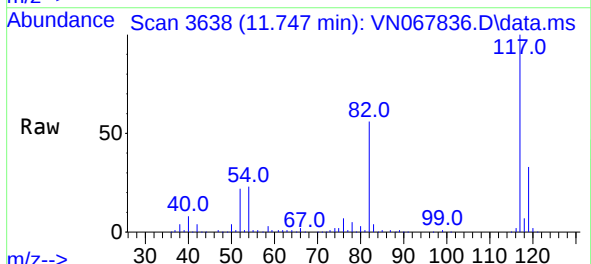
Instrument :
MSVOA_N
ClientSampleId :

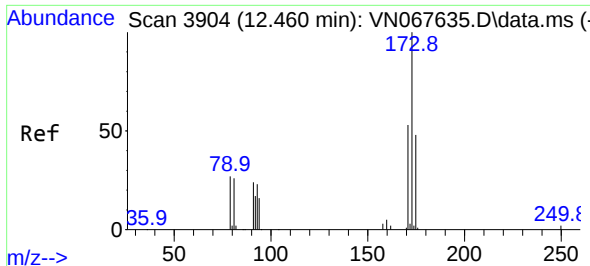
Tgt Ion: 95 Resp: 252454
Ion Ratio Lower Upper
95 100
174 71.3 0.0 122.0
176 69.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 117 Resp: 552429
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 32.6 25.5 38.3

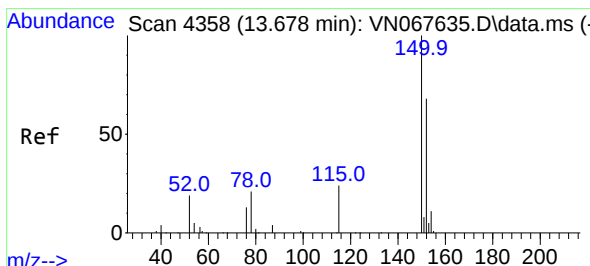
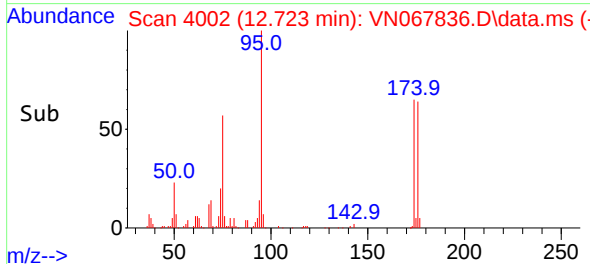
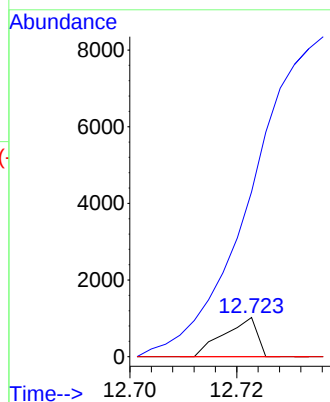
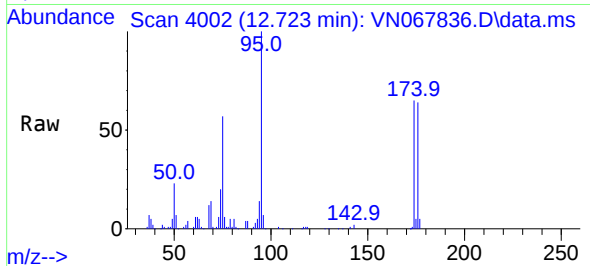




#71
Bromoform
Concen: 3.292 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

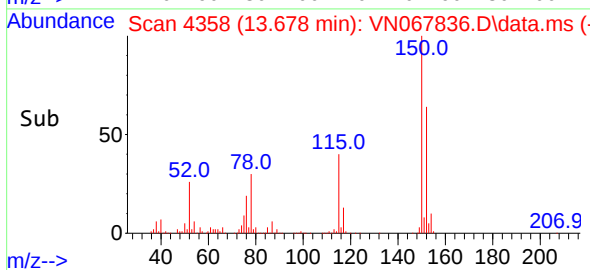
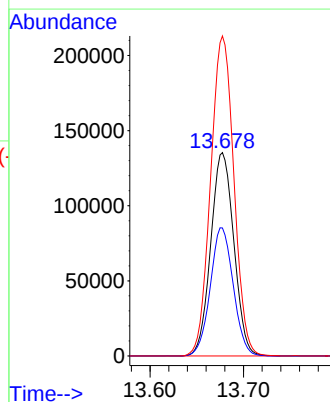
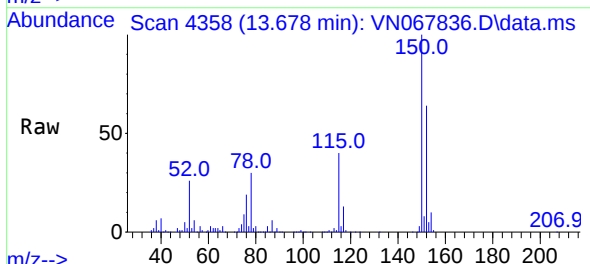
Instrument :
MSVOA_N
ClientSampleId :

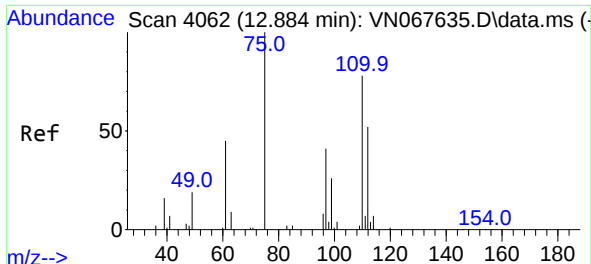
Tgt Ion:173 Resp: 441
Ion Ratio Lower Upper
173 100
175 2950.1 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion:152 Resp: 233136
Ion Ratio Lower Upper
152 100
115 62.7 36.1 108.5
150 158.4 0.0 351.8

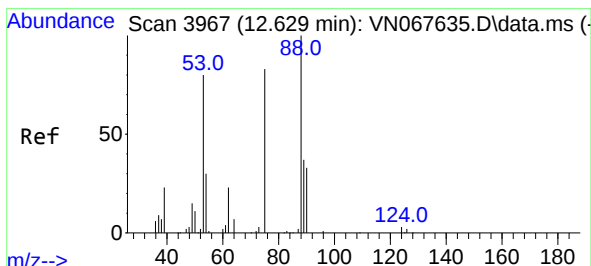
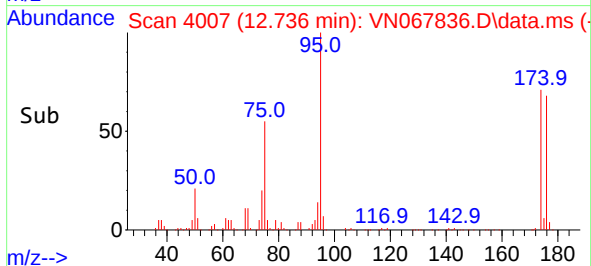
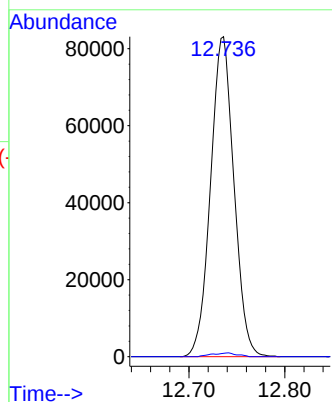
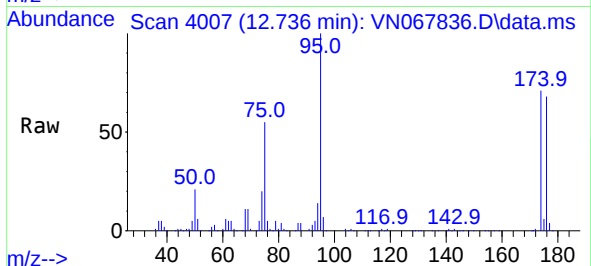




#76
1,2,3-Trichloropropane
Concen: 29.550 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

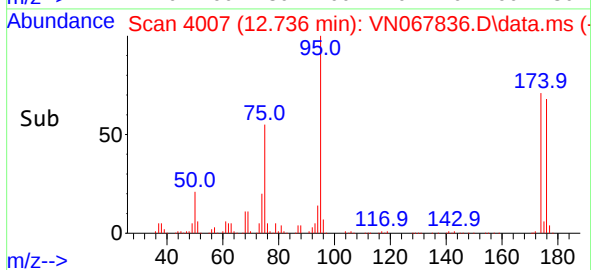
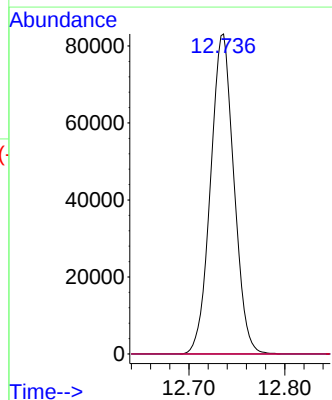
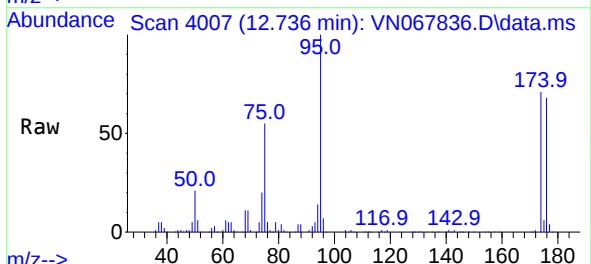
Instrument :
MSVOA_N
ClientSampled :

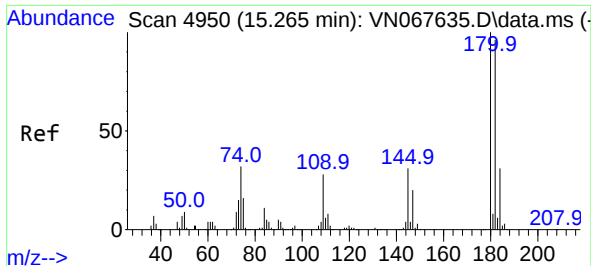
Tgt Ion: 75 Resp: 140689
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.272 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

Tgt Ion: 75 Resp: 140689
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

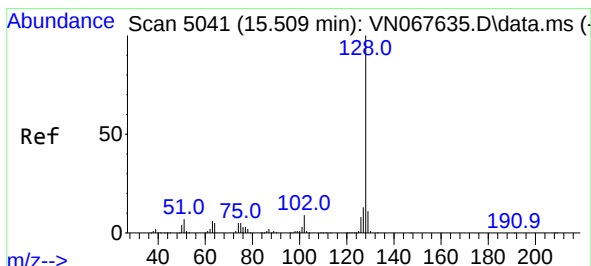
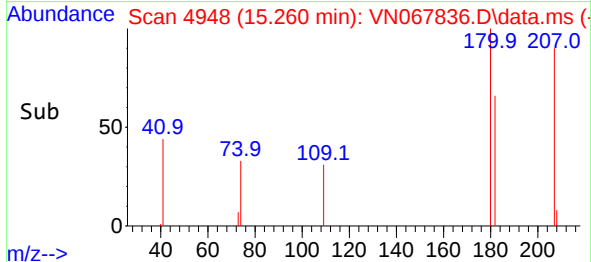
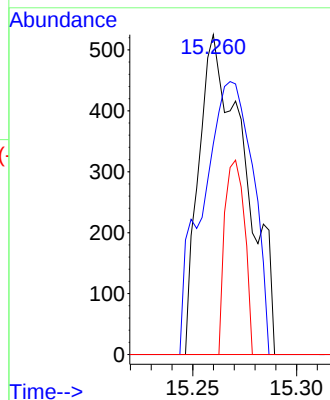
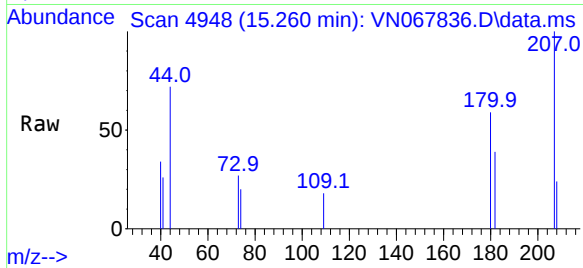




#93
1,2,4-Trichlorobenzene
Concen: 2.871 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

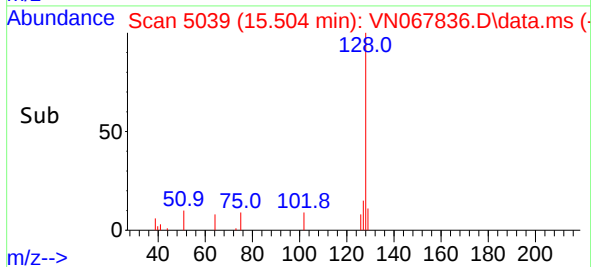
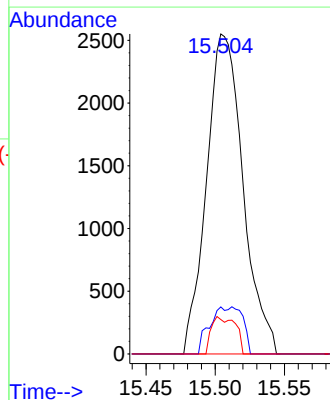
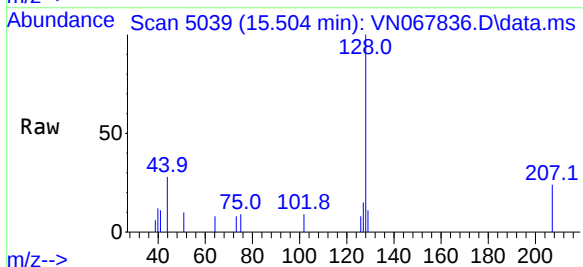
Instrument :
MSVOA_N
ClientSampleId :

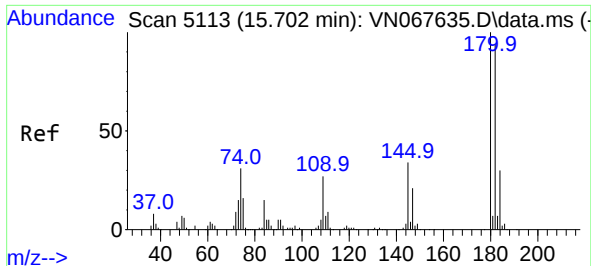
Tgt Ion:	180	Resp:	805
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	26.2	17.2	51.6



#95
Naphthalene
Concen: 3.397 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN067836.D
Acq: 21 Jul 2021 14:12

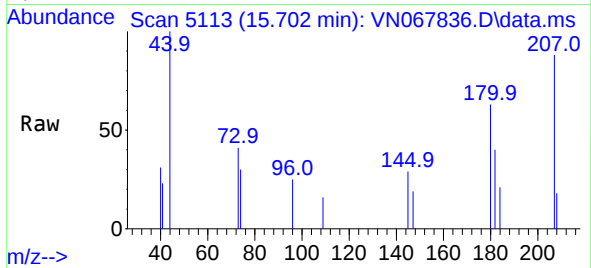
Tgt Ion:	128	Resp:	4670
Ion	Ratio	Lower	Upper
128	100		
127	6.6	10.6	15.8#
129	4.3	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.839 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067836.D
 Acq: 21 Jul 2021 14:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	813
Ion	Ratio	Lower	Upper
180	100		
182	63.2	47.8	143.3
145	22.5	18.2	54.6

