

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067816.D
 Acq On : 20 Jul 2021 14:43
 Operator : JC/MD
 Sample : M3056-01ME
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 20 15:34:57 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)

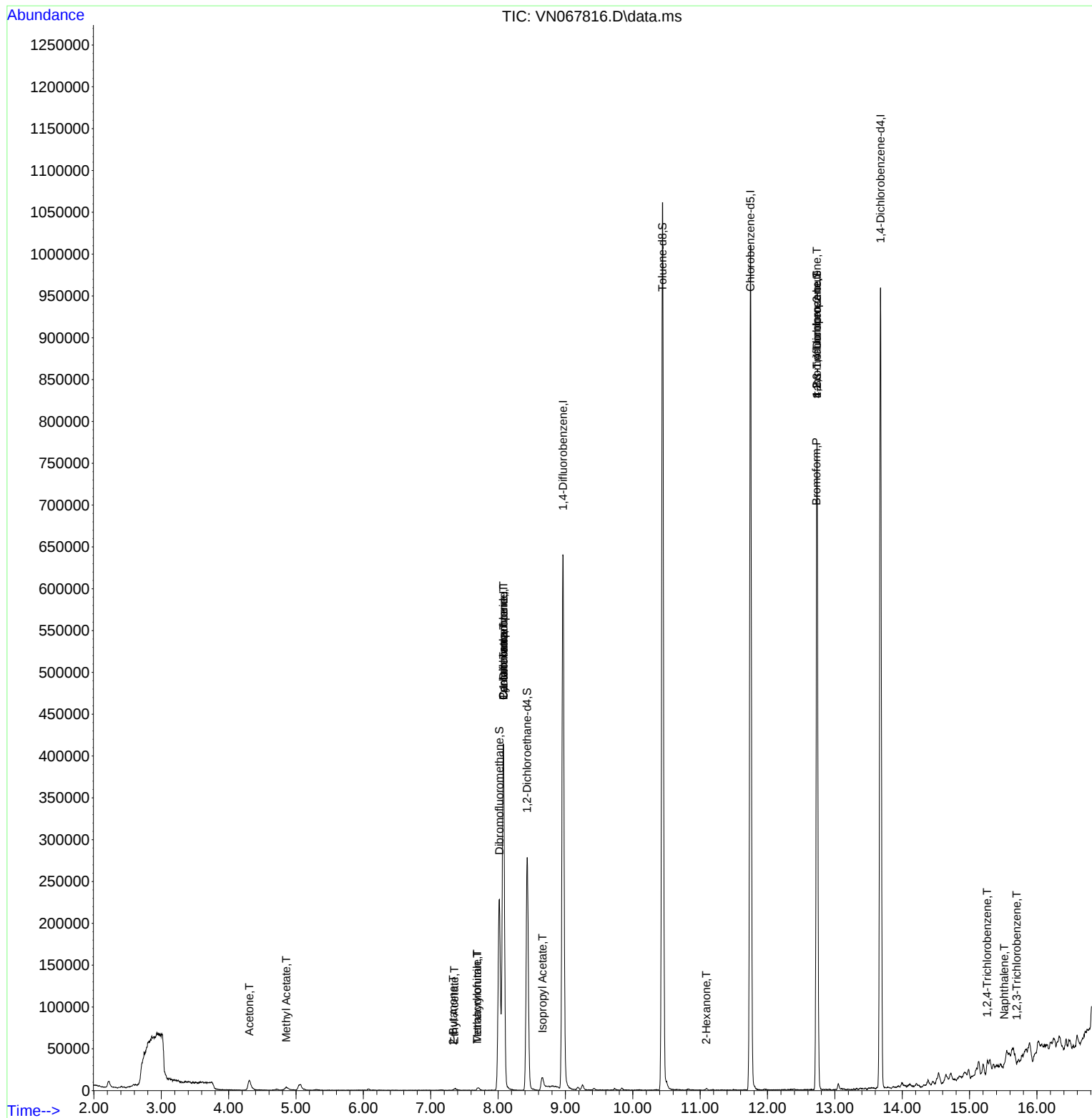
Internal Standards						
1) Pentafluorobenzene	8.080	168	301553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	572984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	571023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	248350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	237631	52.142	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.280%			
35) Dibromofluoromethane	8.019	113	169992	49.105	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.200%			
50) Toluene-d8	10.440	98	747176	51.564	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.733	95	268073	52.370	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.740%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.802	94	1201	Below Cal	#	80
6) Chloroethane	2.987	64	91	Below Cal	#	84
7) Trichlorofluoromethane	3.435	101	27	Below Cal	#	18
13) Acrolein	4.044	56	85	Below Cal	#	63
16) Acetone	4.309	43	25062	17.477	ug/l	94
18) Methyl Acetate	4.854	43	8028	1.993	ug/l	# 75
20) Methylene Chloride	5.125	84	385	Below Cal	#	39
25) 2-Butanone	7.332	43	502	0.211	ug/l	# 51
29) Tetrahydrofuran	7.691	42	725	0.463	ug/l	# 89
31) Cyclohexane	8.080	56	8128	1.272	ug/l	# 20
36) 1,1-Dichloropropene	8.078	75	28015	5.264	ug/l	# 52
37) Ethyl Acetate	7.351	43	2375	0.461	ug/l	# 69
38) Carbon Tetrachloride	8.080	117	33186	6.321	ug/l	# 18
41) Methacrylonitrile	7.691	41	539	0.203	ug/l	# 1
43) Isopropyl Acetate	8.660	43	10985	1.211	ug/l	# 58
59) 2-Hexanone	11.092	43	1624	0.417	ug/l	# 56
71) Bromoform	12.728	173	450	3.291	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	149578	29.492	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	149578	95.086	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.263	180	685	2.831	ug/l	92
95) Naphthalene	15.515	128	4239	3.340	ug/l	# 90
96) 1,2,3-Trichlorobenzene	15.700	180	158	2.670	ug/l	# 1

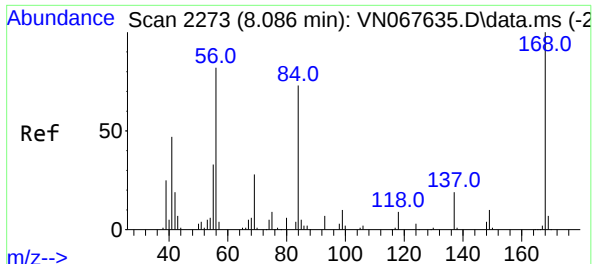
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
Data File : VN067816.D
Acq On : 20 Jul 2021 14:43
Operator : JC/MD
Sample : M3056-01ME
Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 20 15:34:57 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

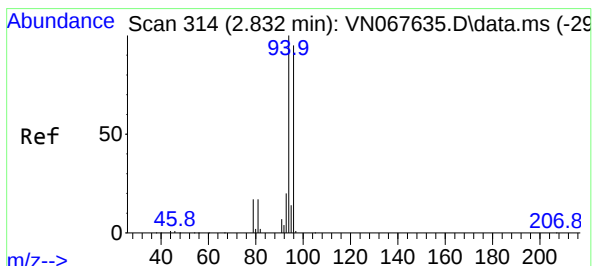
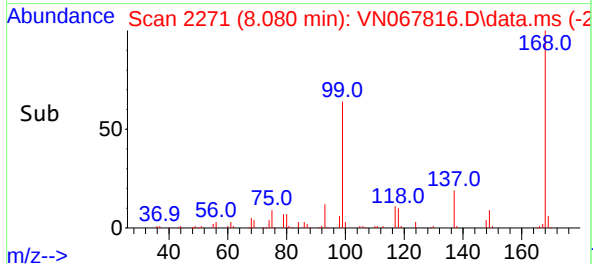
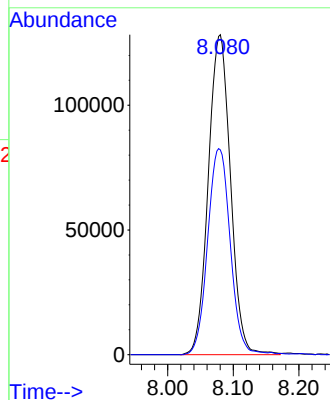
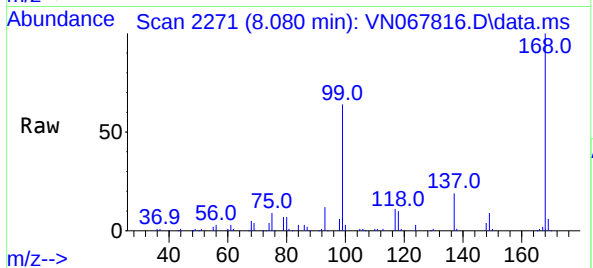




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

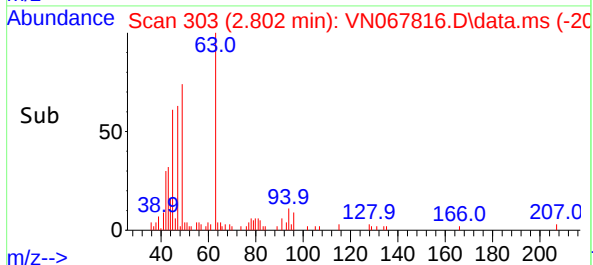
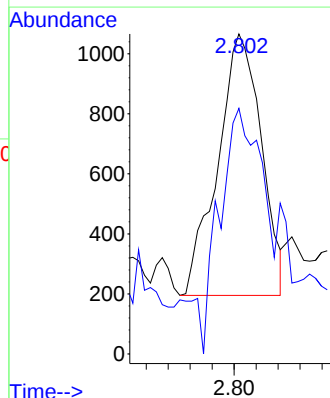
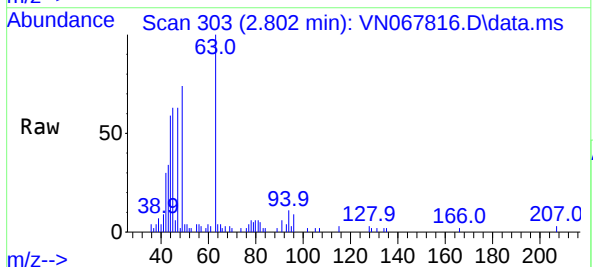
Instrument :
MSVOA_N
ClientSampleId :

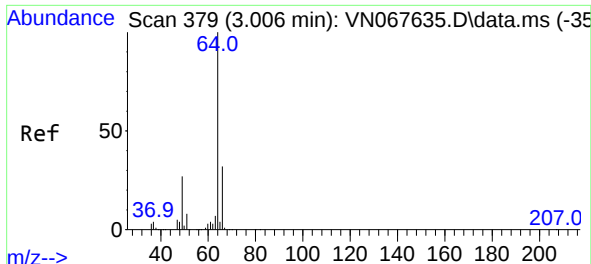
Tgt Ion:168 Resp: 301553
Ion Ratio Lower Upper
168 100
99 64.0 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.802 min Scan# 303
Delta R.T. -0.030 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 94 Resp: 1201
Ion Ratio Lower Upper
94 100
96 73.2 73.7 110.5#

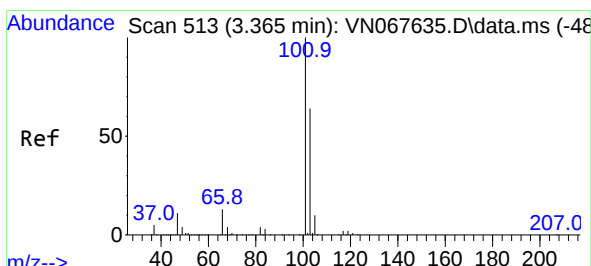
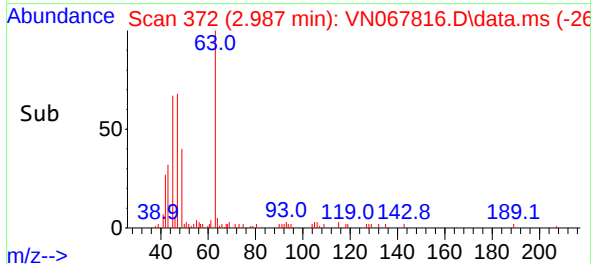
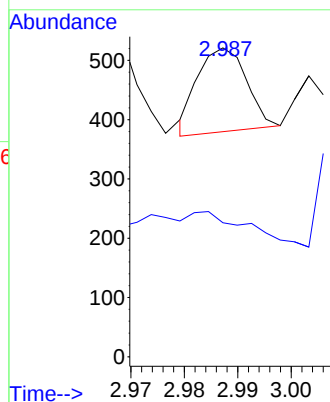
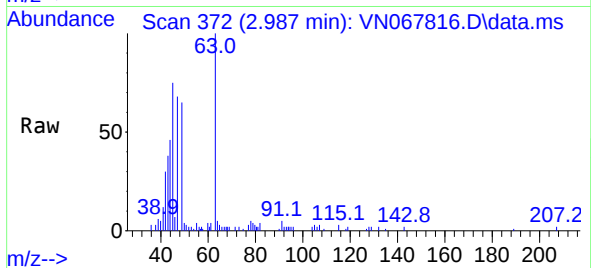




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 372
Delta R.T. -0.019 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

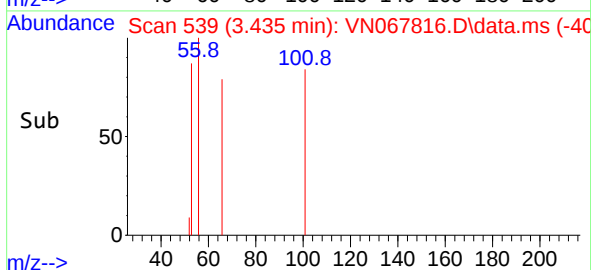
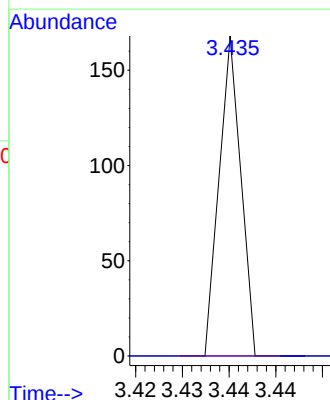
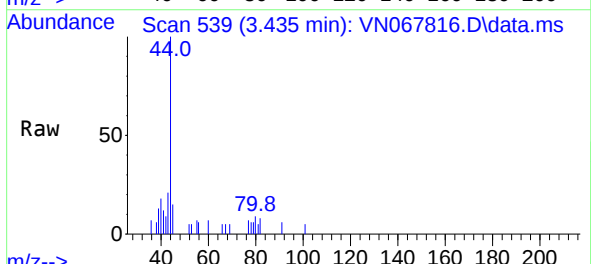
Instrument :
MSVOA_N
ClientSampled :

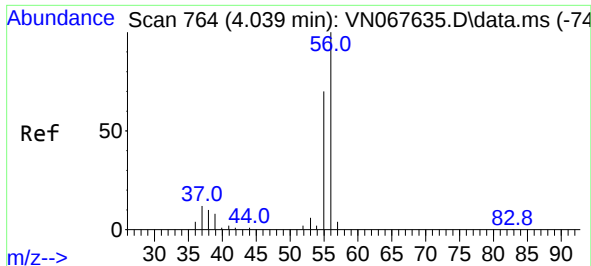
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 22.1 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.435 min Scan# 539
Delta R.T. 0.070 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 101 Resp: 27
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

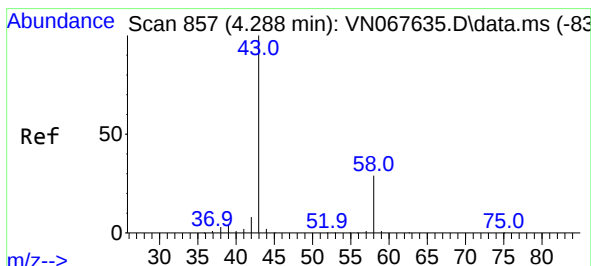
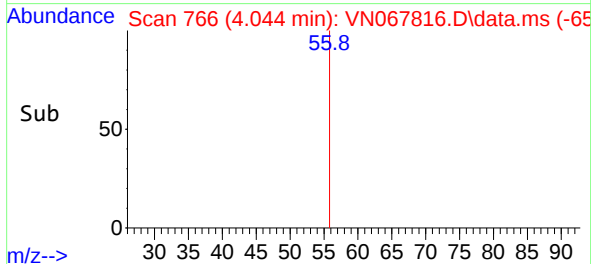
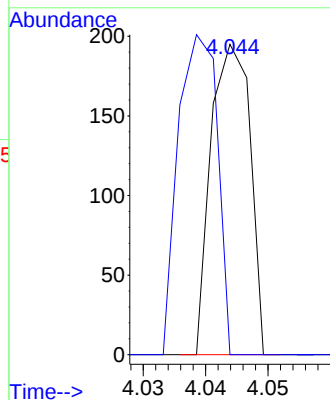
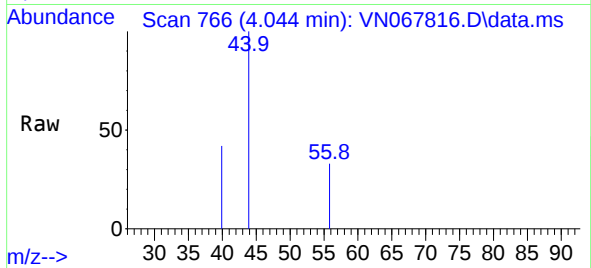




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

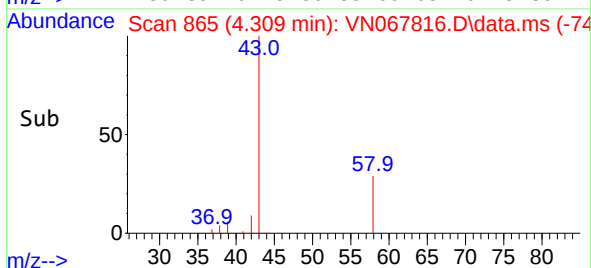
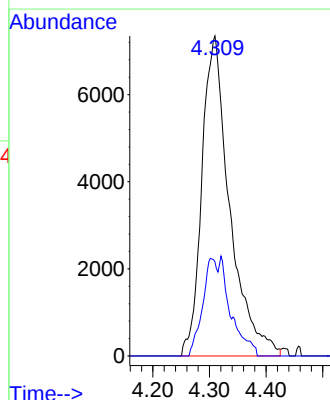
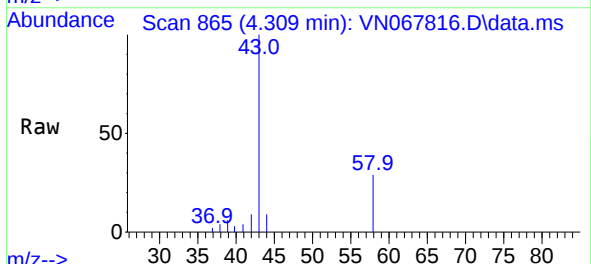
Instrument :
MSVOA_N
ClientSampled :

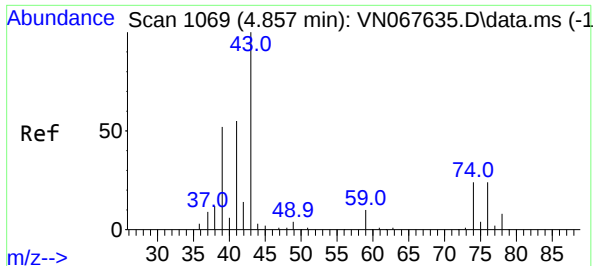
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 102.4 57.4 86.0#



#16
Acetone
Concen: 17.477 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.021 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 43 Resp: 25062
Ion Ratio Lower Upper
43 100
58 29.4 21.2 31.8





#18

Methyl Acetate

Concen: 1.993 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VN067816.D

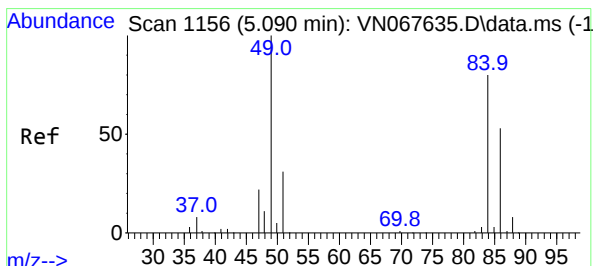
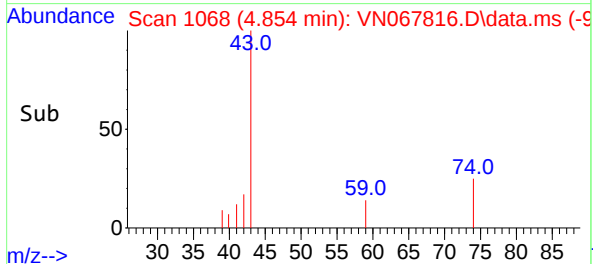
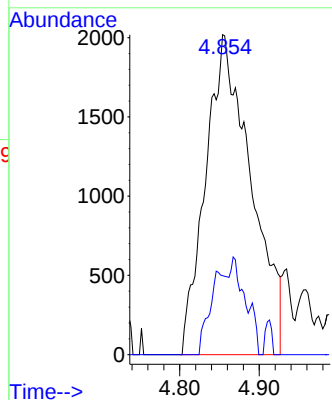
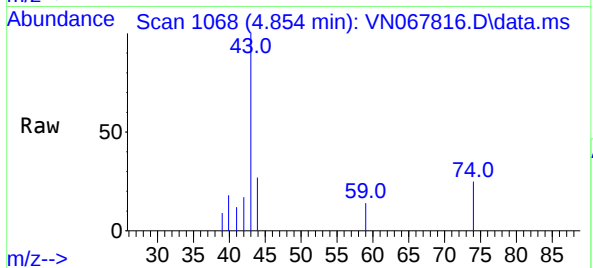
Acq: 20 Jul 2021 14:43

Tgt Ion: 43 Resp: 8028

Ion Ratio Lower Upper

43 100

74 9.8 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.125 min Scan# 1169

Delta R.T. 0.035 min

Lab File: VN067816.D

Acq: 20 Jul 2021 14:43

Tgt Ion: 84 Resp: 385

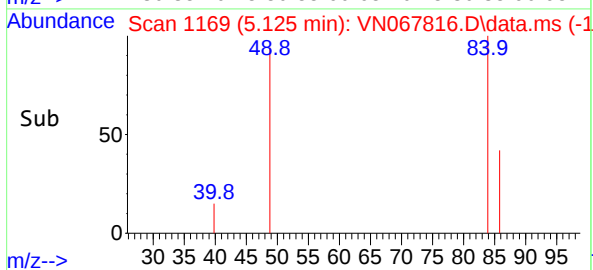
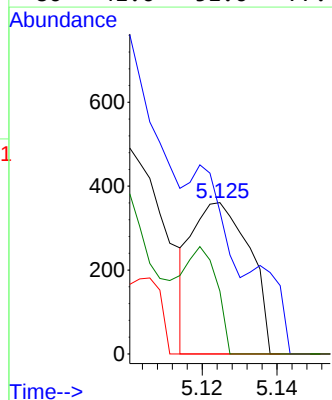
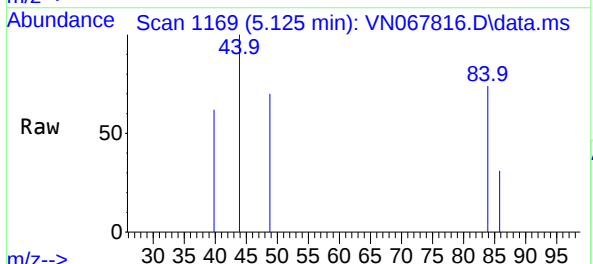
Ion Ratio Lower Upper

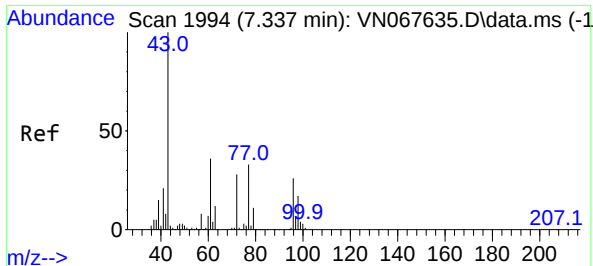
84 100

49 49.0 110.9 166.3#

51 0.0 32.6 49.0#

86 41.6 51.6 77.4#

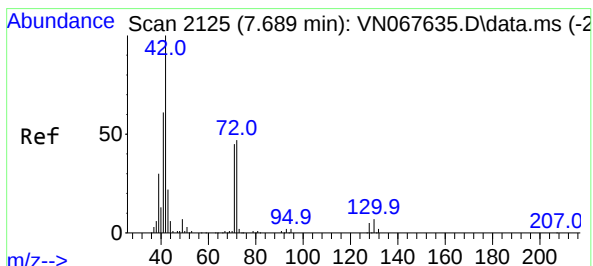
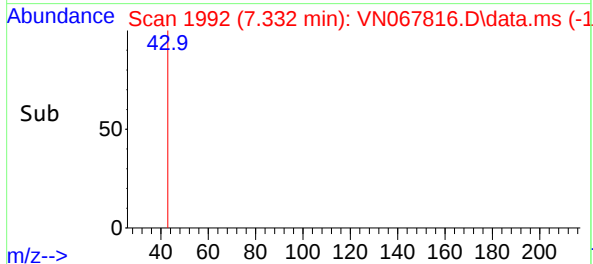
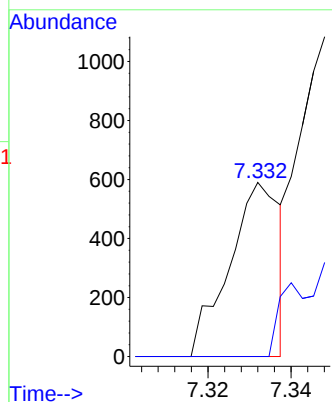
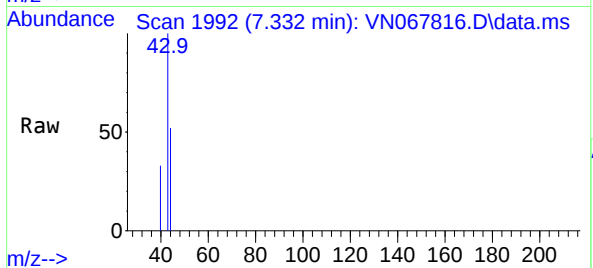




#25
2-Butanone
Concen: 0.211 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.005 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

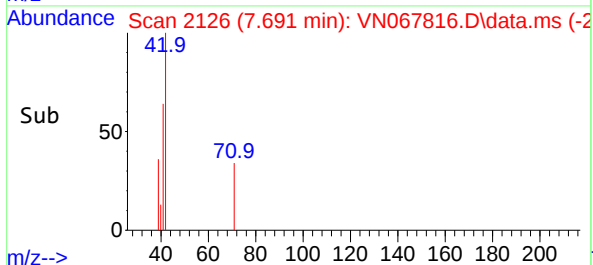
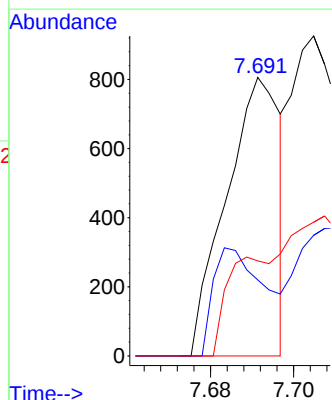
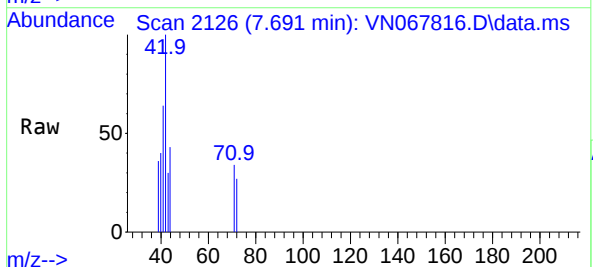
Instrument :
MSVOA_N
ClientSampleId :

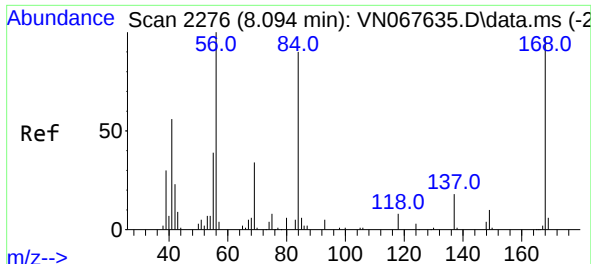
Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.463 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 42 Resp: 725
Ion Ratio Lower Upper
42 100
72 37.2 32.8 49.2
71 28.6 31.2 46.8#

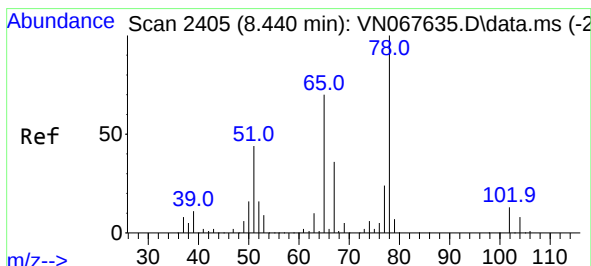
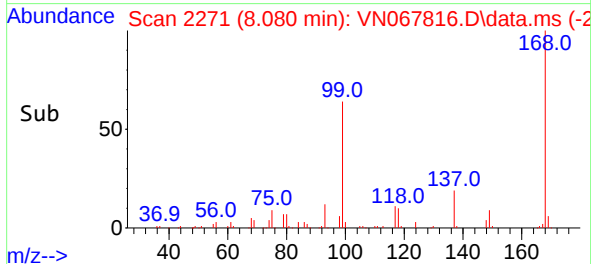
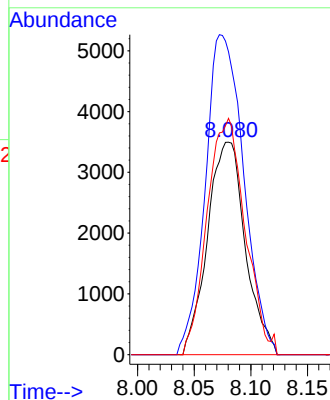
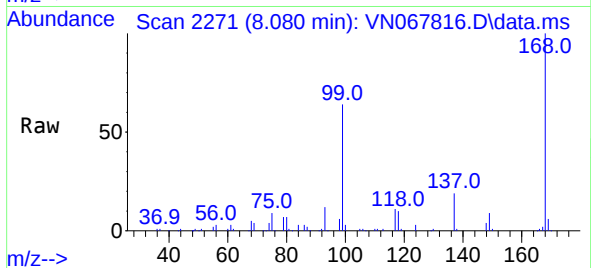




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

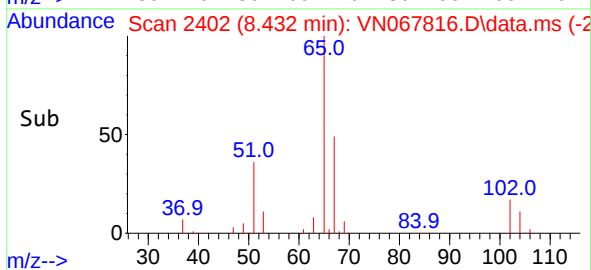
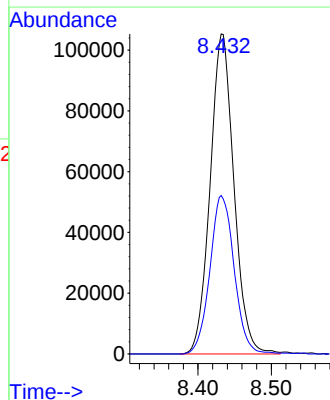
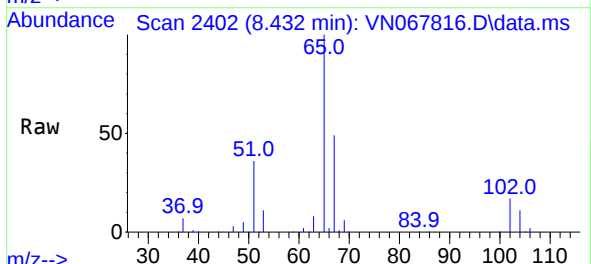
Instrument :
MSVOA_N
ClientSampled :

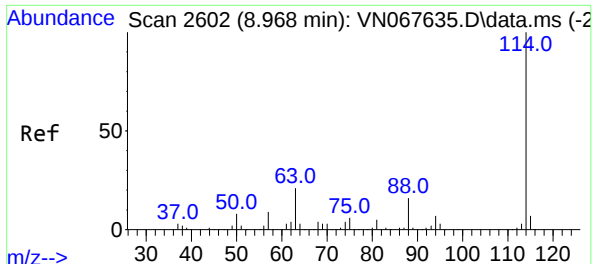
Tgt Ion: 56 Resp: 8128
Ion Ratio Lower Upper
56 100
69 142.6 27.3 40.9#
84 111.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.142 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.008 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 65 Resp: 237631
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6



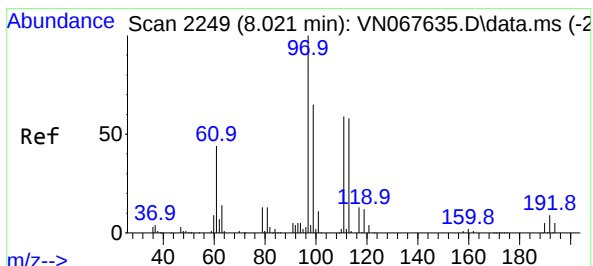
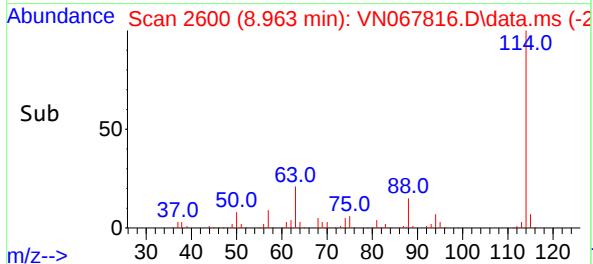
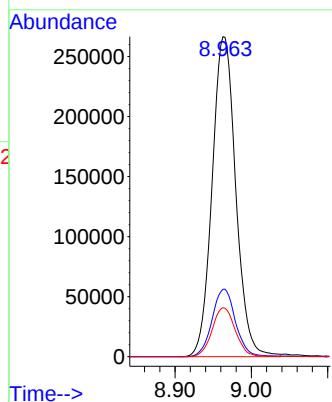
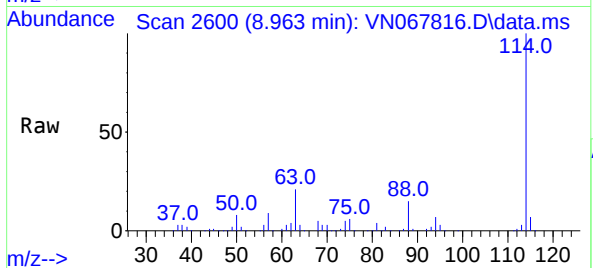


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2600
Delta R.T. -0.005 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :

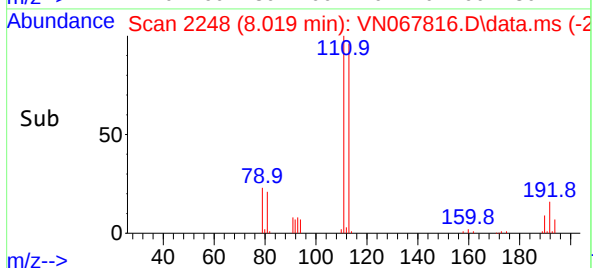
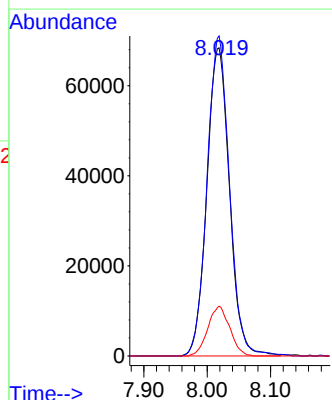
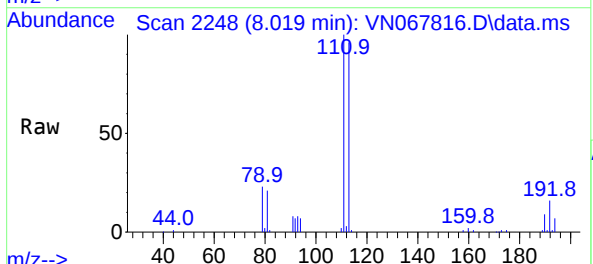
Tgt Ion:114 Resp: 572984
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 15.3 0.0 36.6

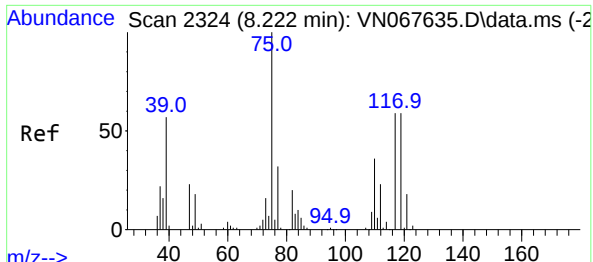


#35

Dibromofluoromethane
Concen: 49.105 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

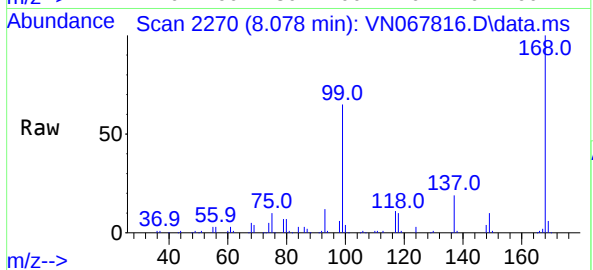
Tgt Ion:113 Resp: 169992
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 15.6 13.4 20.0



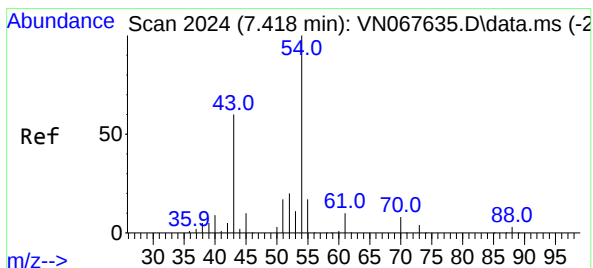
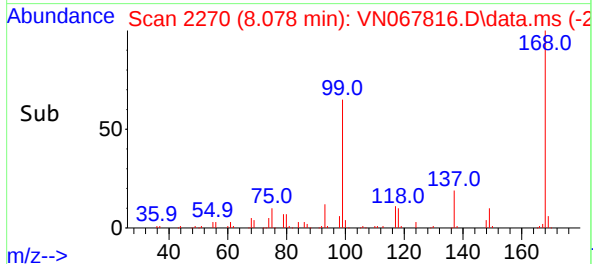
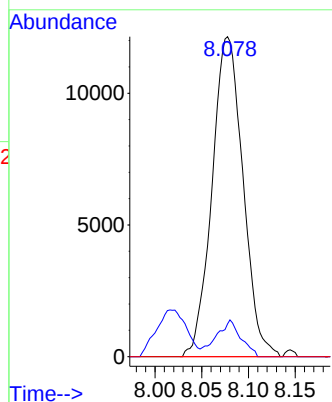


#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.144 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :

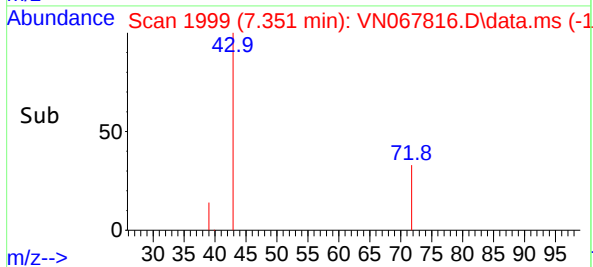
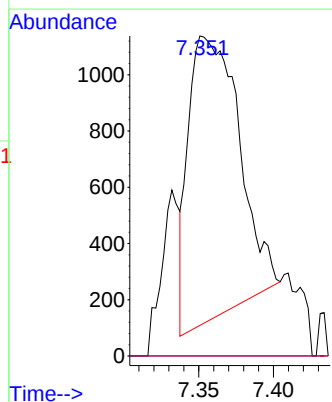
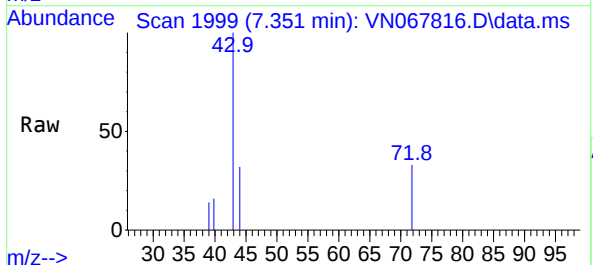


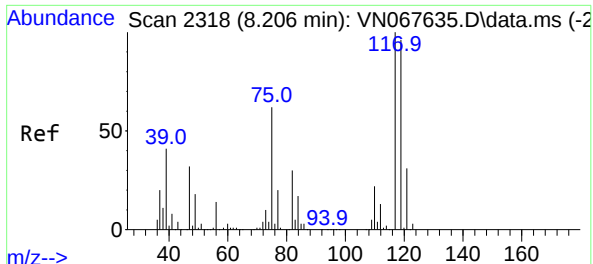
Tgt Ion: 75 Resp: 28015
Ion Ratio Lower Upper
75 100
110 9.1 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.461 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.067 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

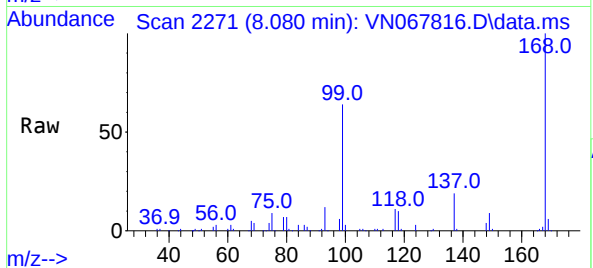
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#



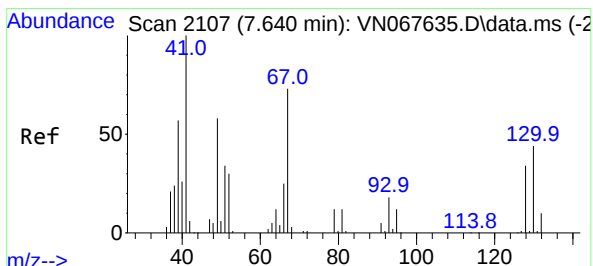
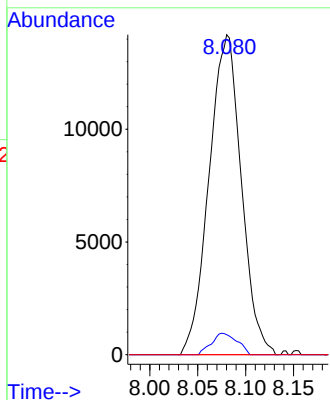
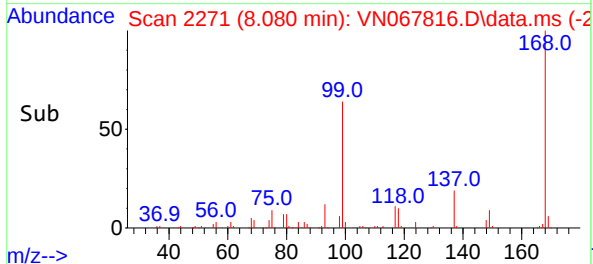


#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

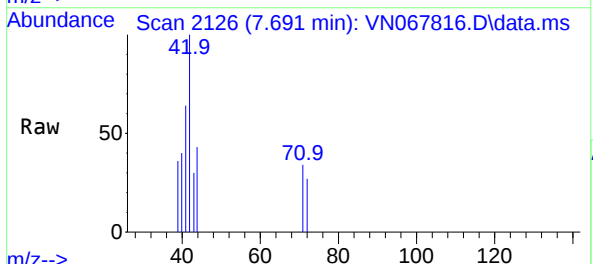
Instrument :
MSVOA_N
ClientSampleId :



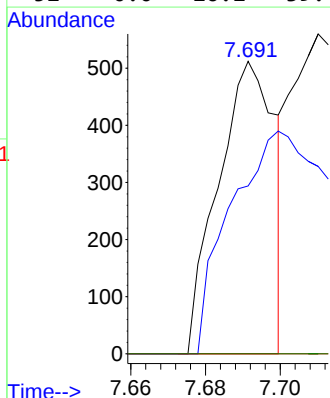
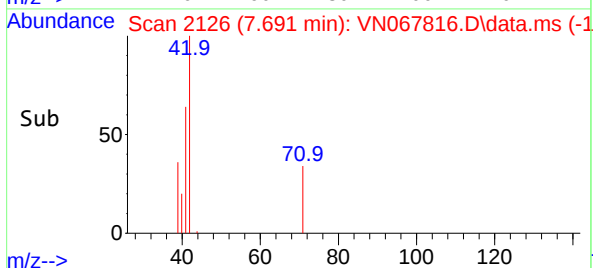
Tgt Ion:117 Resp: 33186
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.2#
121 0.0 23.5 35.3#

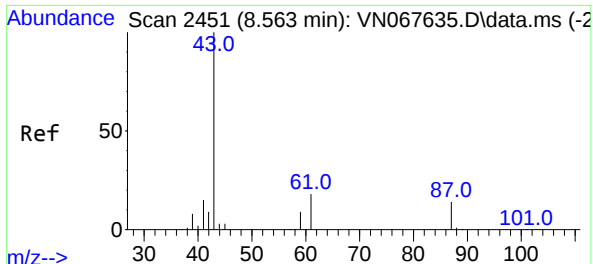


#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.051 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43



Tgt Ion: 41 Resp: 539
Ion Ratio Lower Upper
41 100
39 163.5 47.6 71.4#
67 0.0 57.7 86.5#
52 0.0 26.2 39.4#

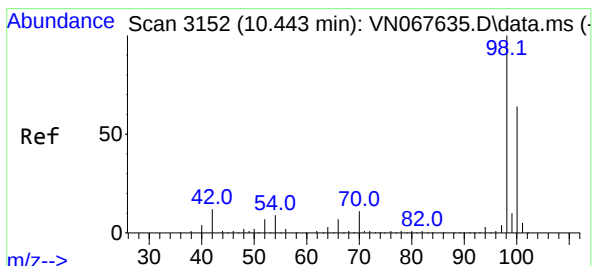
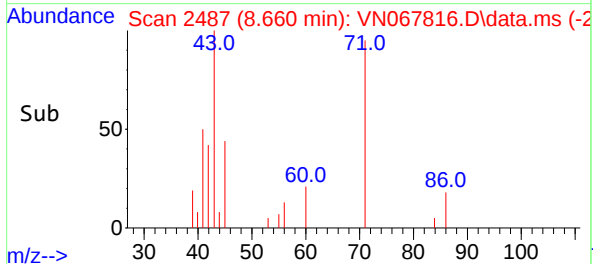
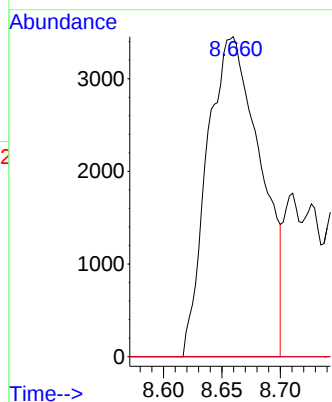
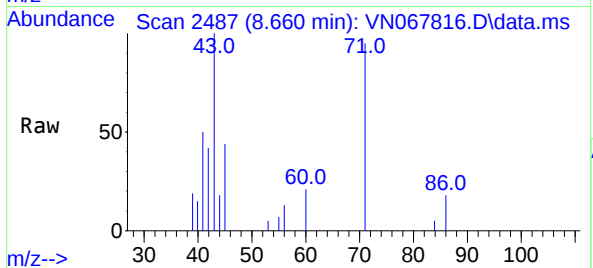




#43
Isopropyl Acetate
Concen: 1.211 ug/l
RT: 8.660 min Scan# 2487
Delta R.T. 0.097 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

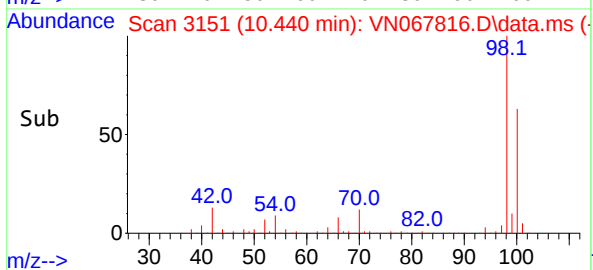
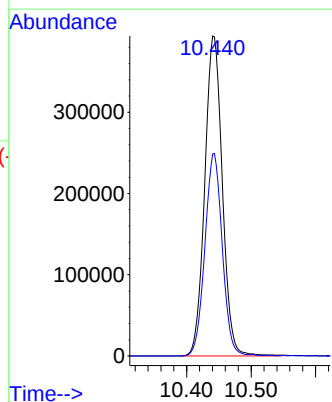
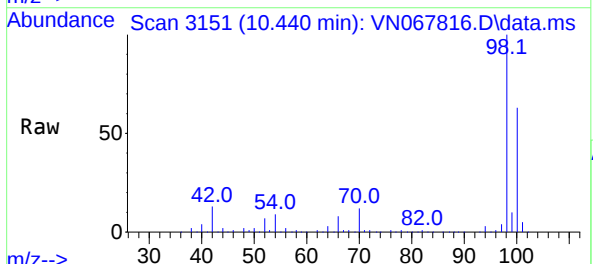
Instrument :
MSVOA_N
ClientSampled :

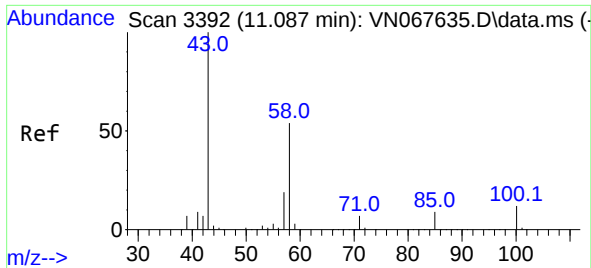
Tgt Ion: 43 Resp: 10985
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 51.564 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 98 Resp: 747176
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5

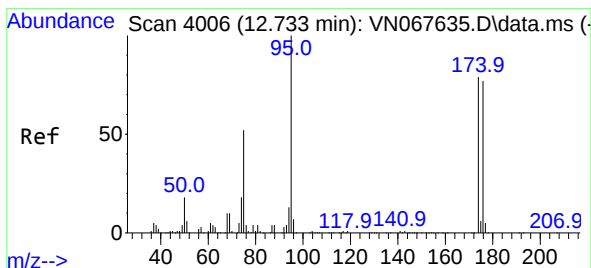
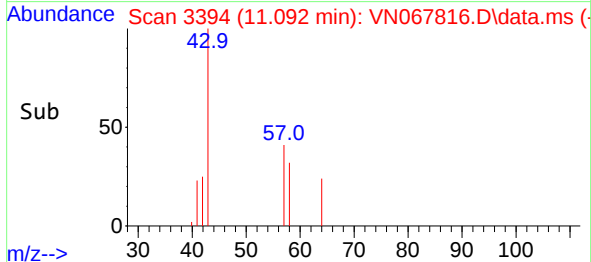
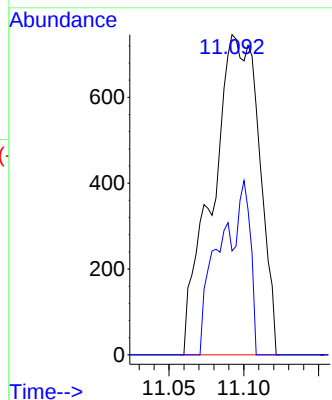
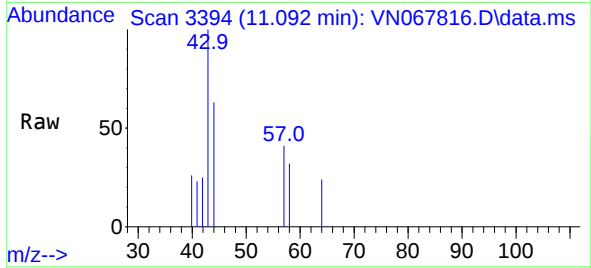




#59
2-Hexanone
Concen: 0.417 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

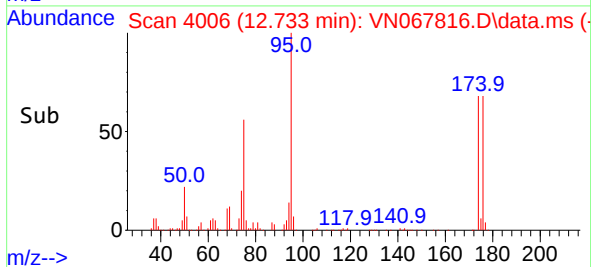
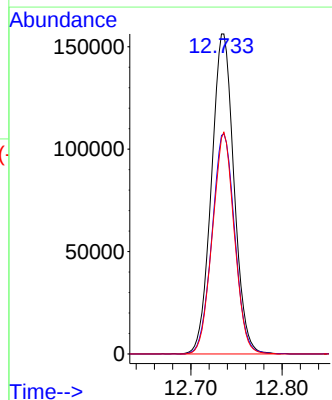
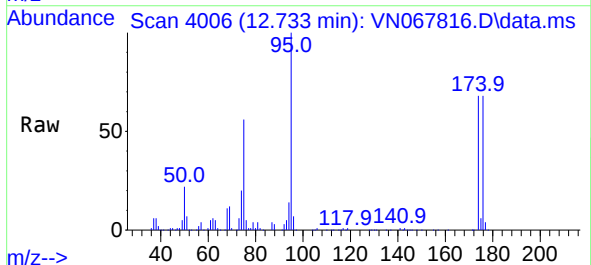
Instrument :
MSVOA_N
ClientSampleId :

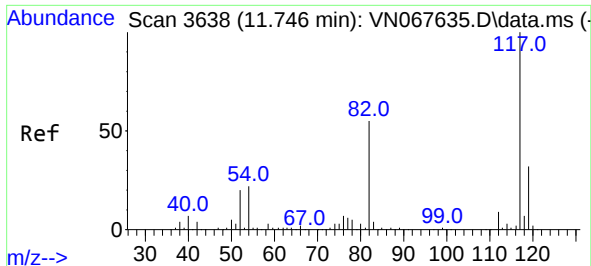
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 19.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 52.370 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion: 95 Resp: 268073
Ion Ratio Lower Upper
95 100
174 69.4 0.0 122.0
176 67.4 0.0 117.6

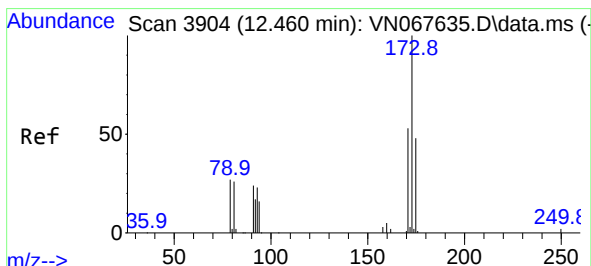
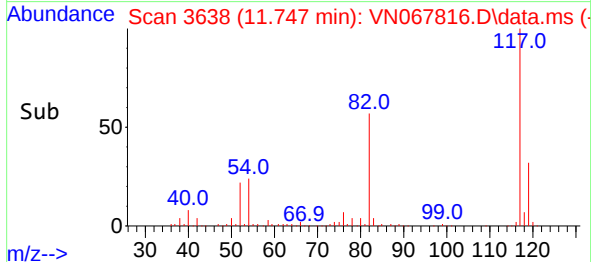
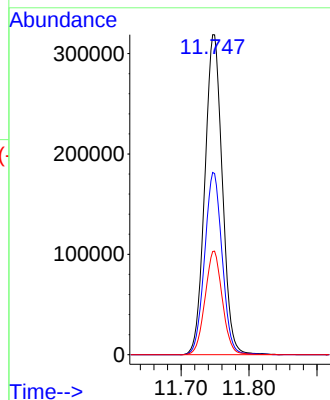
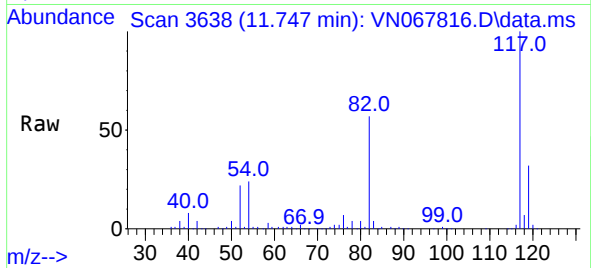




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

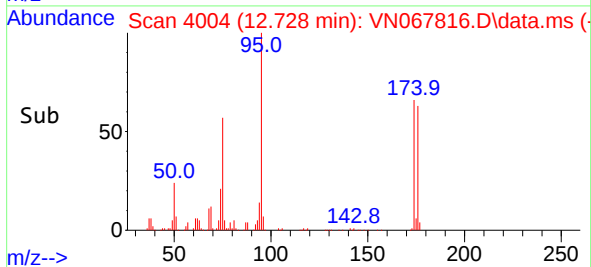
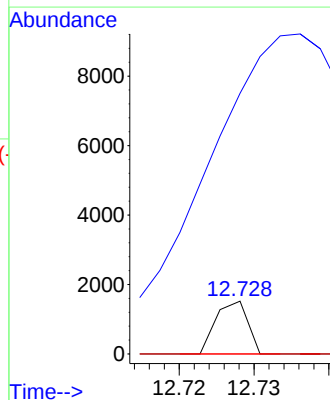
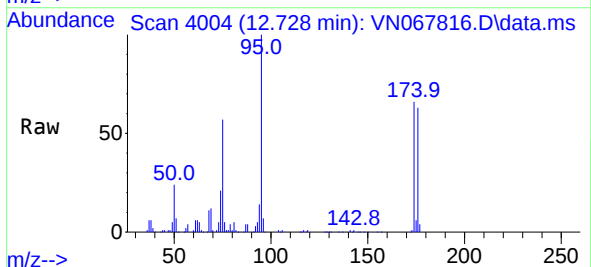
Instrument :
MSVOA_N
ClientSampled :

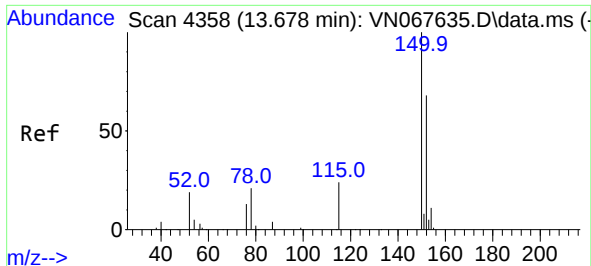
Tgt Ion:117 Resp: 571023
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.3 25.5 38.3



#71
Bromoform
Concen: 3.291 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion:173 Resp: 450
Ion Ratio Lower Upper
173 100
175 3114.2 23.9 71.8#
254 0.0 0.0 0.0

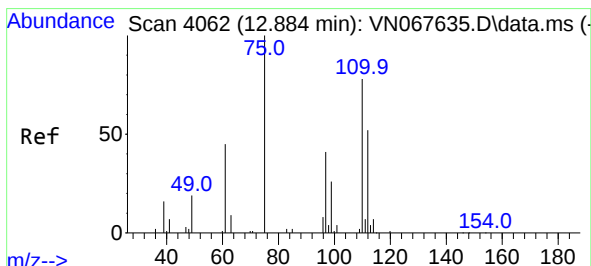
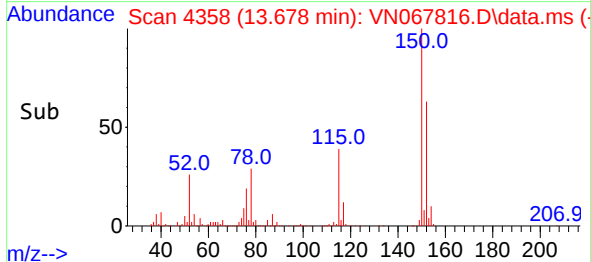
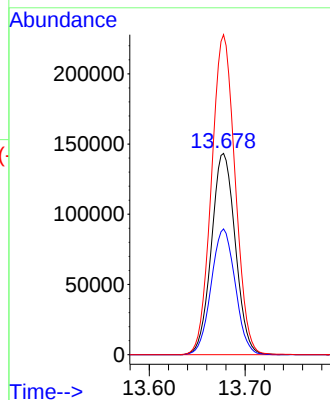
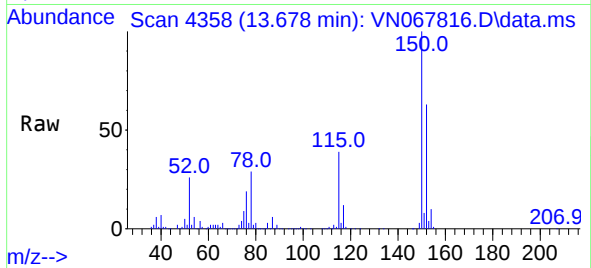




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

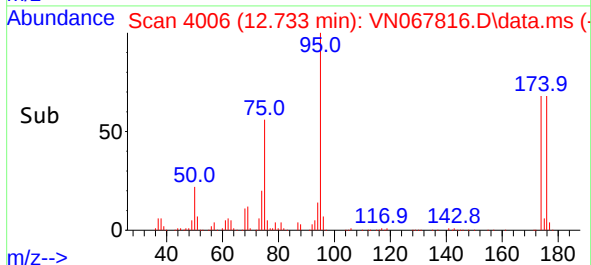
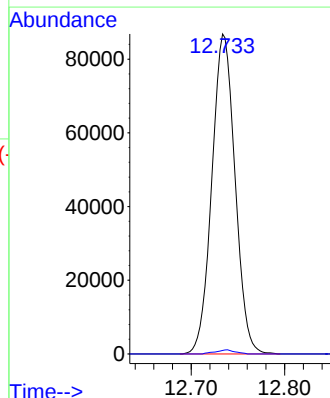
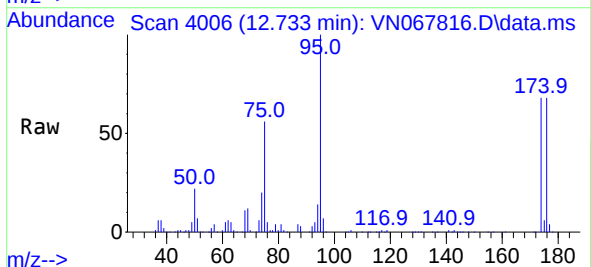
Instrument :
MSVOA_N
ClientSampled :

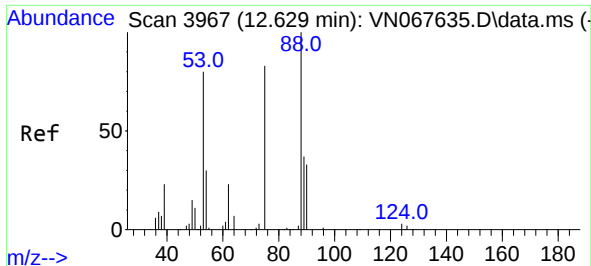
Tgt Ion:152 Resp: 248350
Ion Ratio Lower Upper
152 100
115 62.9 36.1 108.5
150 157.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.492 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

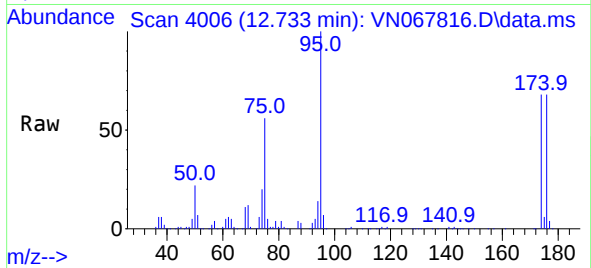
Tgt Ion: 75 Resp: 149578
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



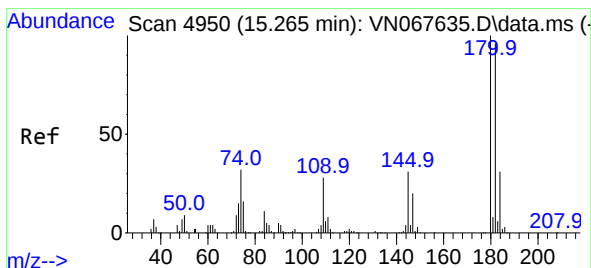
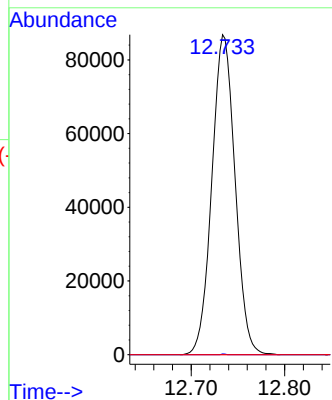
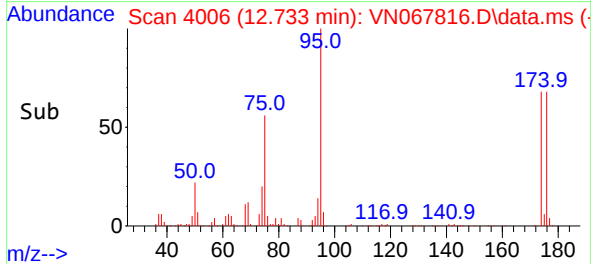


#81
trans-1,4-Dichloro-2-butene
Concen: 95.086 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

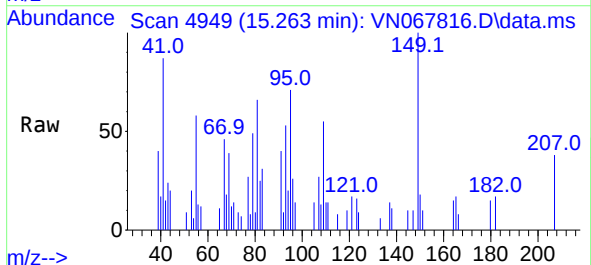
Instrument :
MSVOA_N
ClientSampleId :



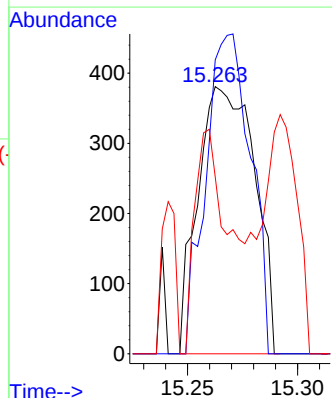
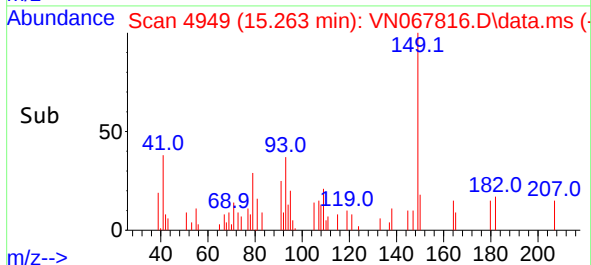
Tgt Ion: 75 Resp: 149578
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

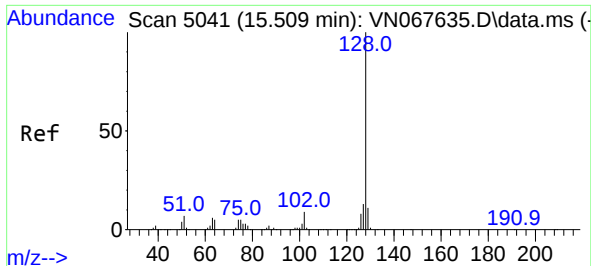


#93
1,2,4-Trichlorobenzene
Concen: 2.831 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43



Tgt Ion:180 Resp: 685
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 50.7 17.2 51.6

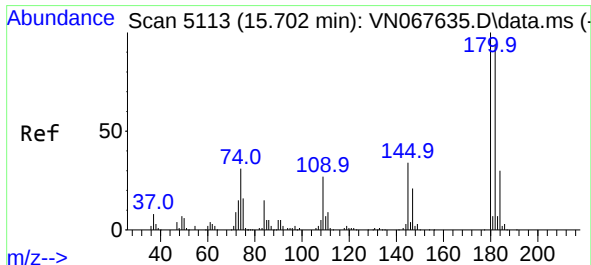
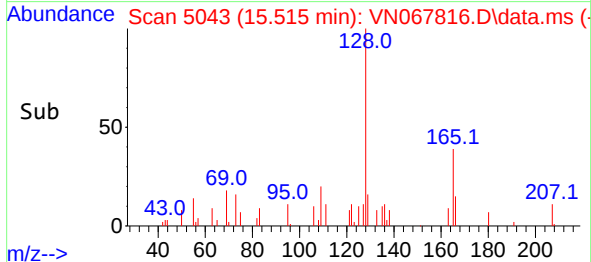
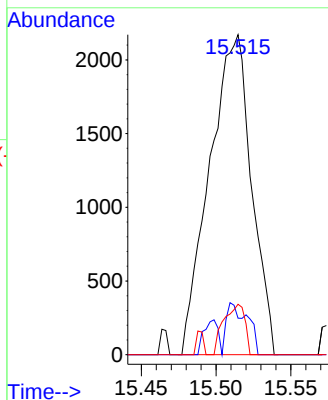
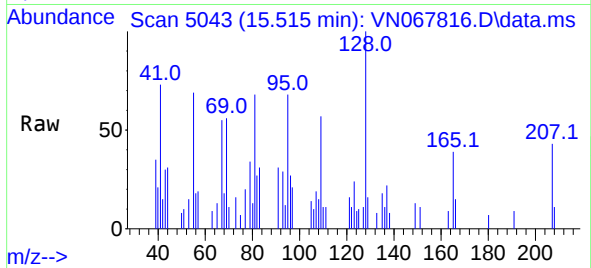




#95
Naphthalene
Concen: 3.340 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4239
Ion Ratio Lower Upper
128 100
127 8.1 10.6 15.8#
129 8.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.670 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067816.D
Acq: 20 Jul 2021 14:43

Tgt Ion:180 Resp: 158
Ion Ratio Lower Upper
180 100
182 328.5 47.8 143.3#
145 210.8 18.2 54.6#

