

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067787.D
 Acq On : 19 Jul 2021 12:22
 Operator : JC/MD
 Sample : VN0719MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 14:03:21 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	8.086	168	482098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	906259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	890734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	364922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	359542	49.347	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.700%
35) Dibromofluoromethane	8.024	113	266569	48.685	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.360%
50) Toluene-d8	10.446	98	1123533	49.023	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.733	95	400893	49.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.040%

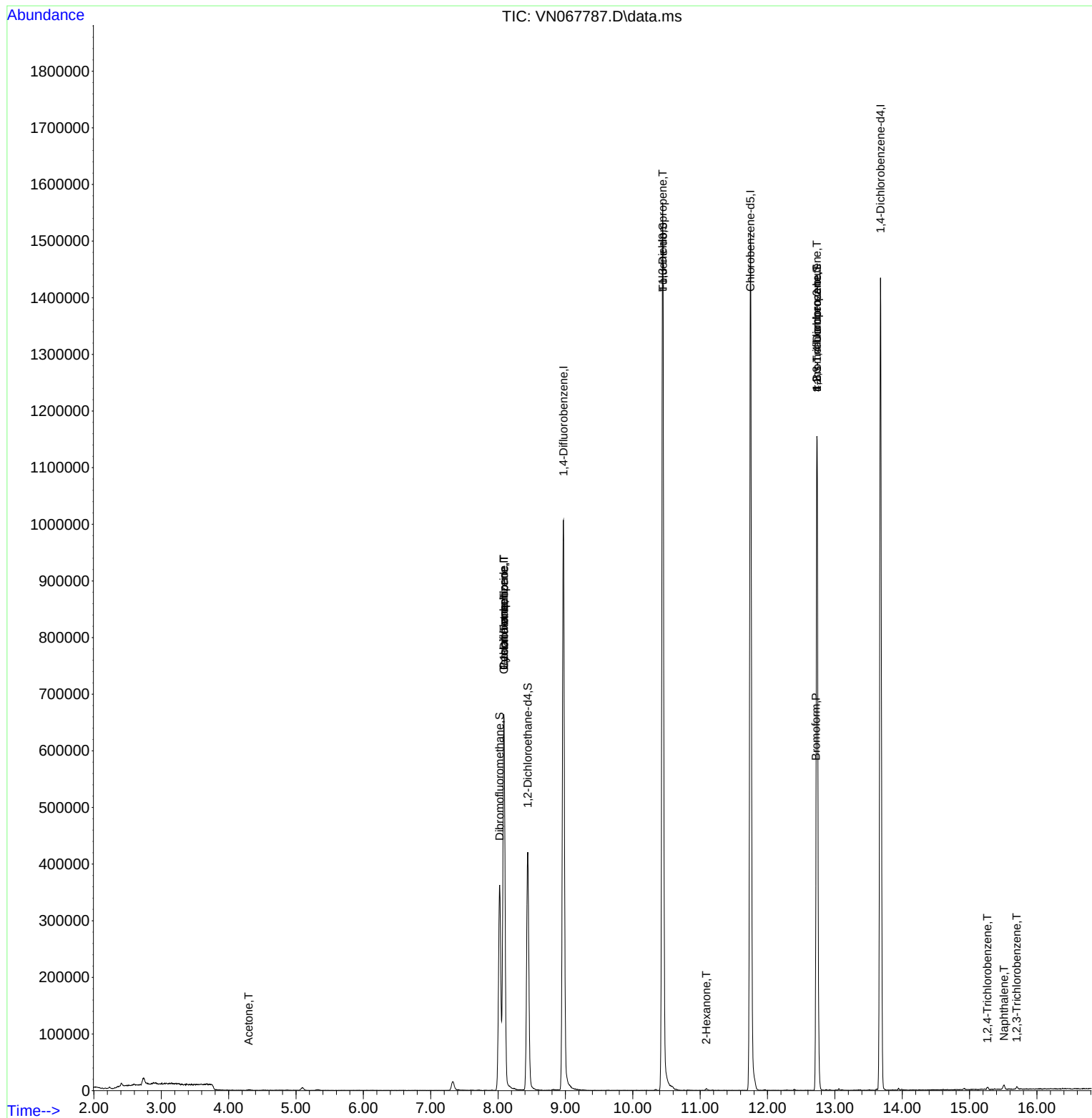
Target Compounds				Qvalue		
5) Bromomethane	2.837	94	165	Below Cal	#	4
6) Chloroethane	3.011	64	75	Below Cal	#	44
13) Acrolein	4.055	56	158	Below Cal	#	76
16) Acetone	4.296	43	1419	0.619	ug/l	91
31) Cyclohexane	8.086	56	12552	1.229	ug/l	# 32
36) 1,1-Dichloropropene	8.086	75	43896	5.214	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	54762	6.595	ug/l	# 16
53) t-1,3-Dichloropropene	10.443	75	327	1.774	ug/l	# 44
59) 2-Hexanone	11.092	43	2776	0.451	ug/l	90
71) Bromoform	12.720	173	532	3.263	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	229893	30.848	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	229893	99.458	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.263	180	1285	2.874	ug/l	# 85
95) Naphthalene	15.509	128	7298	3.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	1086	2.809	ug/l	# 55

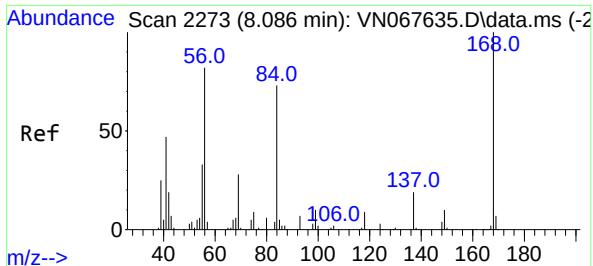
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampled :

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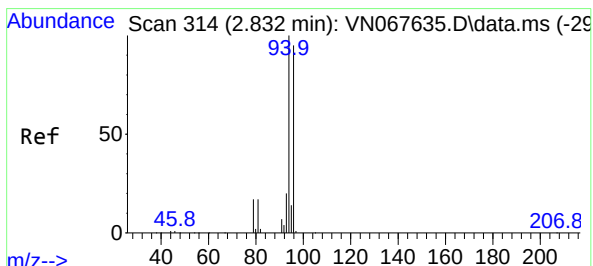
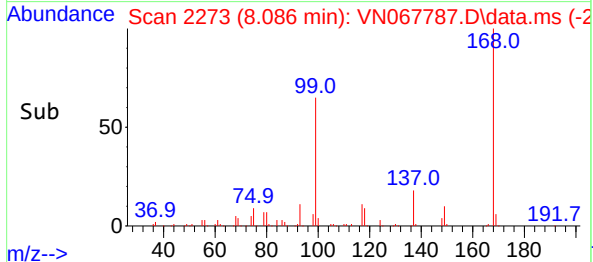
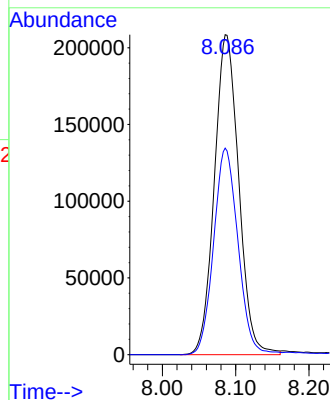
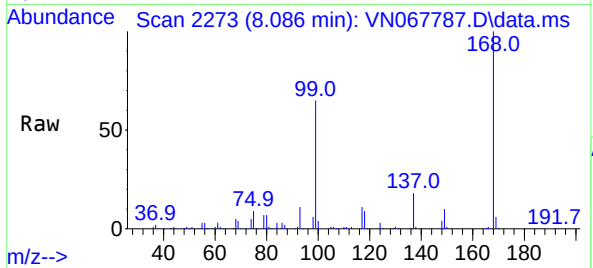




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

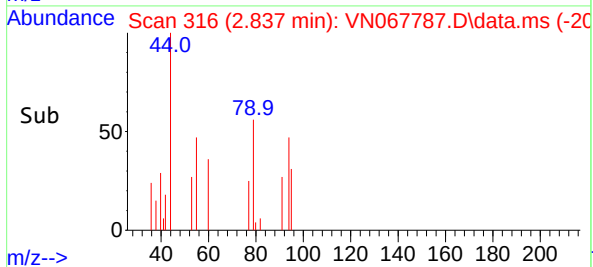
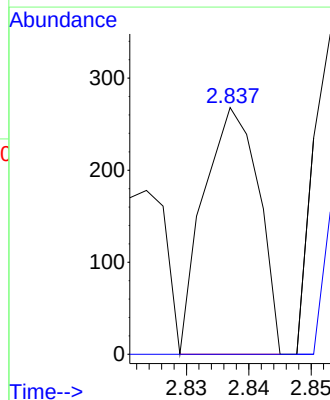
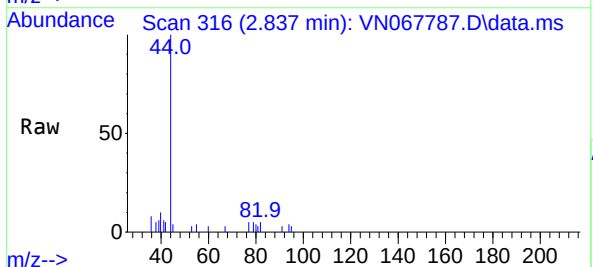
Instrument :
MSVOA_N
ClientSampleId :

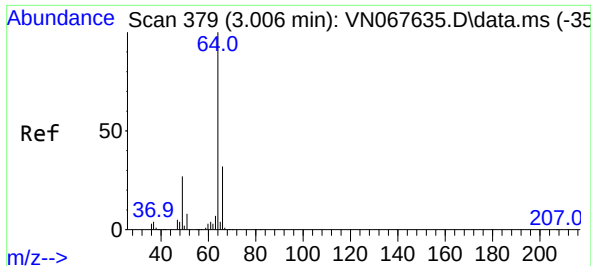
Tgt Ion:168 Resp: 482098
Ion Ratio Lower Upper
168 100
99 64.5 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.837 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

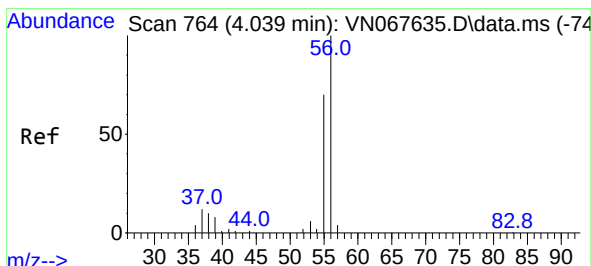
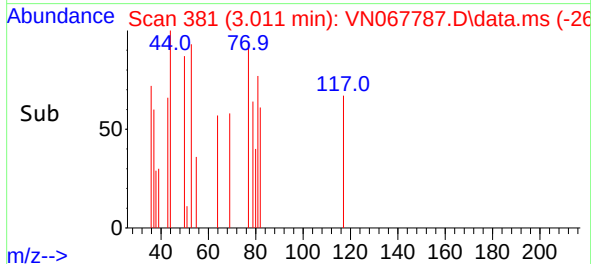
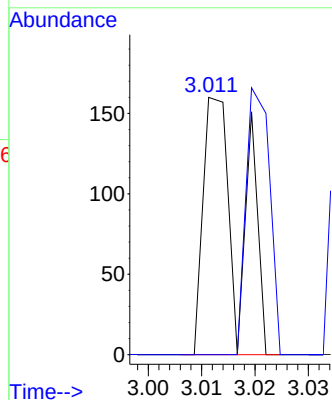
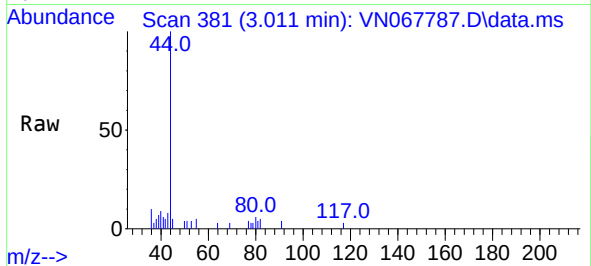




#6
Chloroethane
Concen: Below Cal
RT: 3.011 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

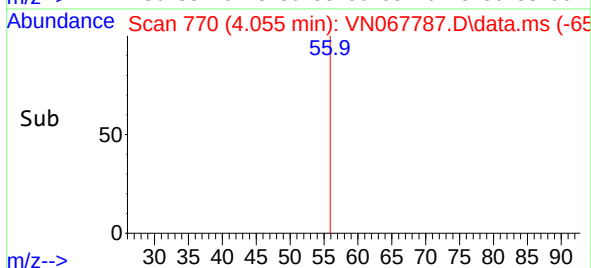
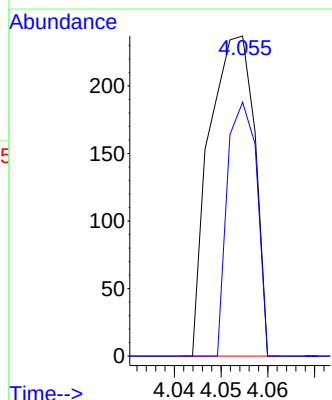
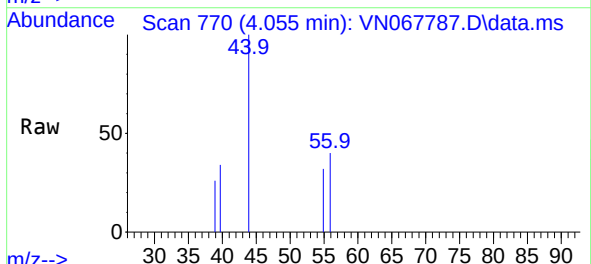
Instrument :
MSVOA_N
ClientSampled :

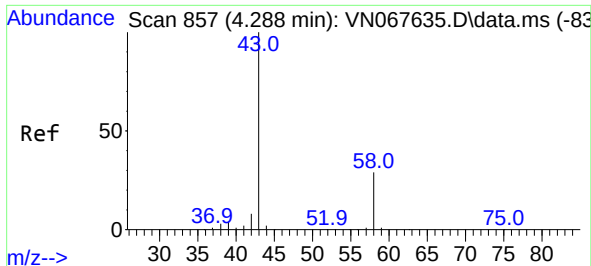
Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.055 min Scan# 770
Delta R.T. 0.016 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 51.9 57.4 86.0#

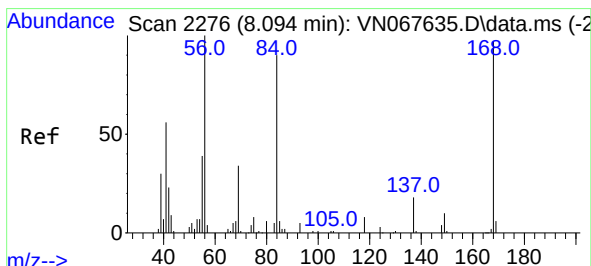
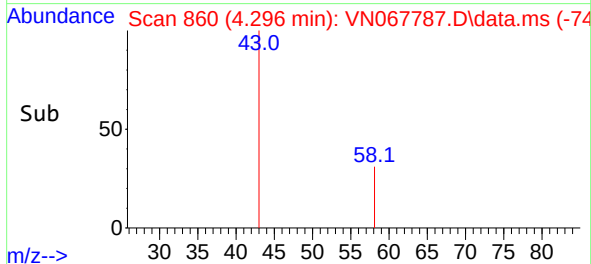
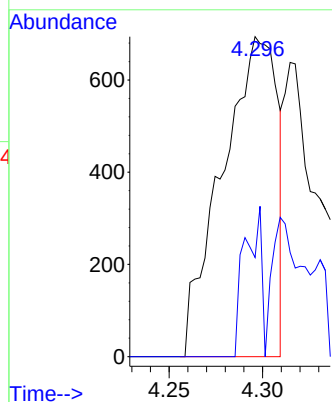
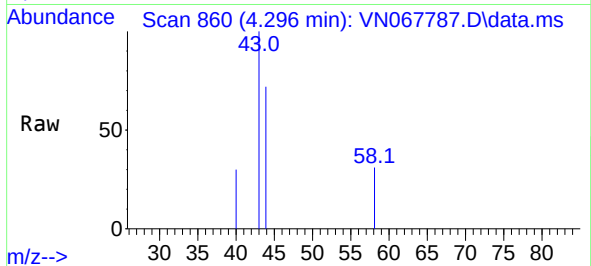




#16
Acetone
Concen: 0.619 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

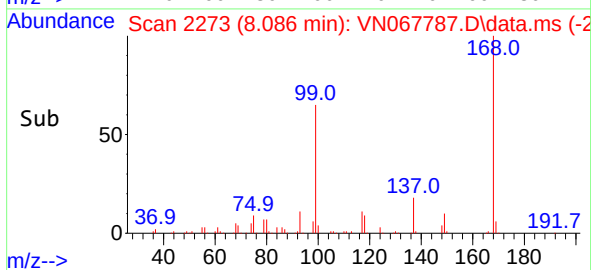
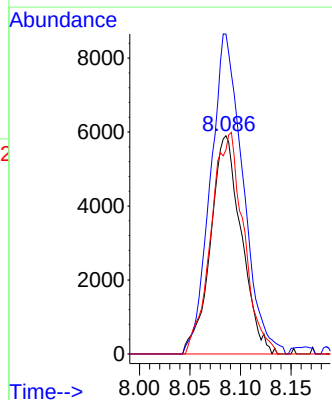
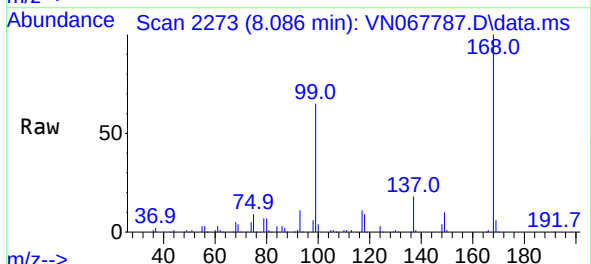
Instrument :
MSVOA_N
ClientSampled :

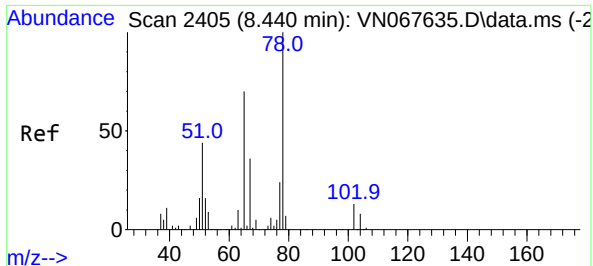
Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 31.0 21.2 31.8



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 56 Resp: 12552
Ion Ratio Lower Upper
56 100
69 146.5 27.3 40.9#
84 93.5 64.9 97.3

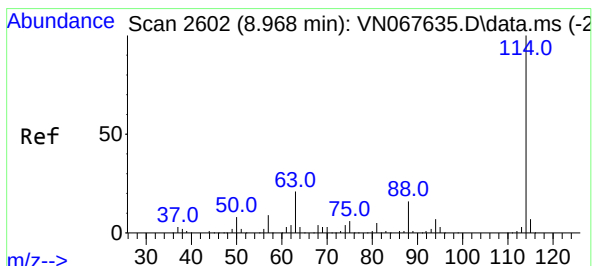
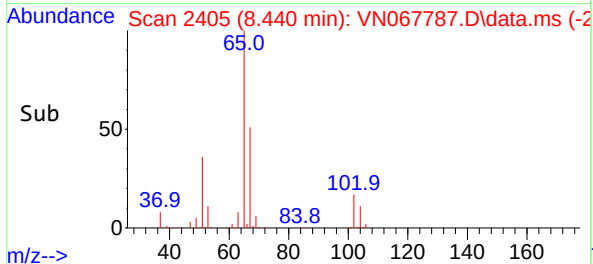
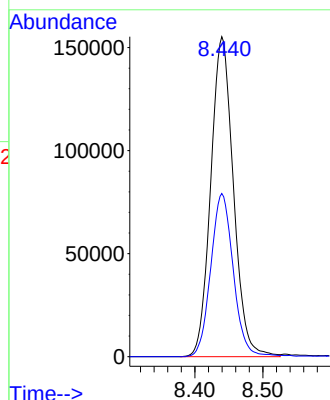
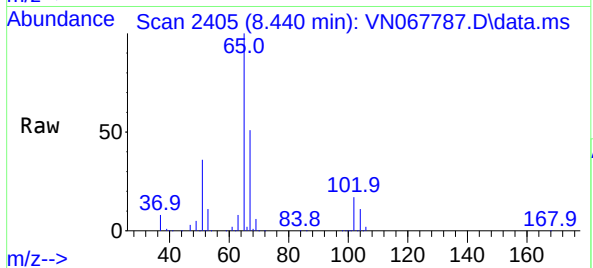




#33
1,2-Dichloroethane-d4
Concen: 49.347 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

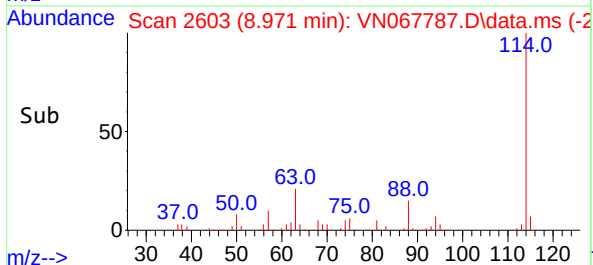
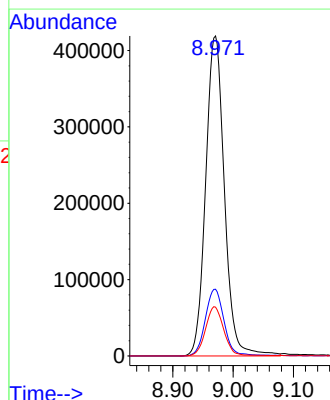
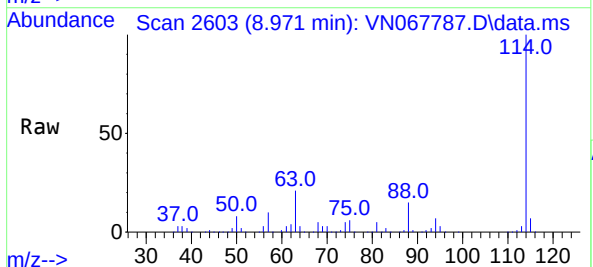
Instrument :
MSVOA_N
ClientSampled :

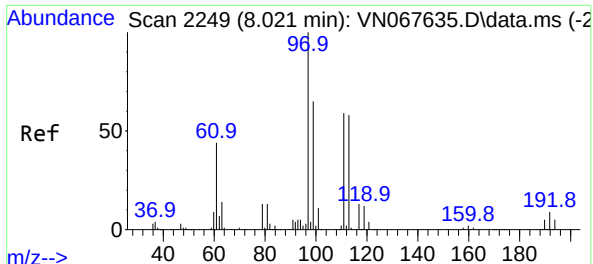
Tgt Ion: 65 Resp: 359542
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 114 Resp: 906259
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.3 0.0 36.6

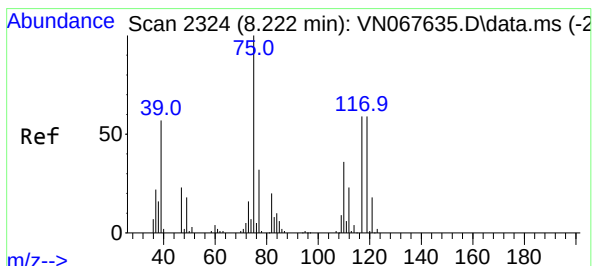
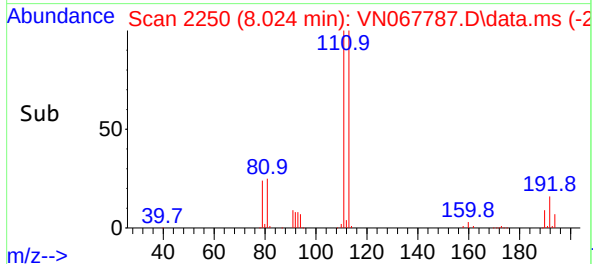
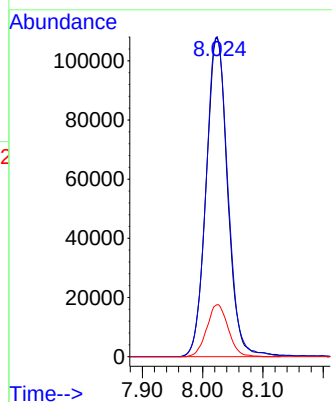
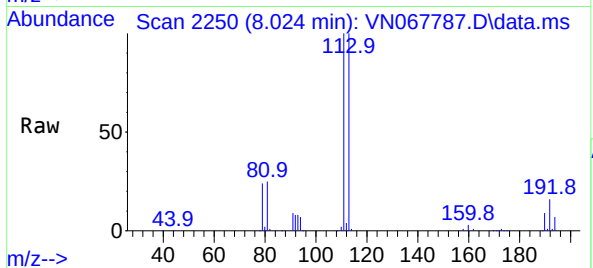




#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

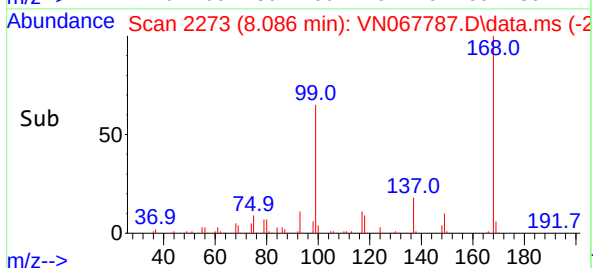
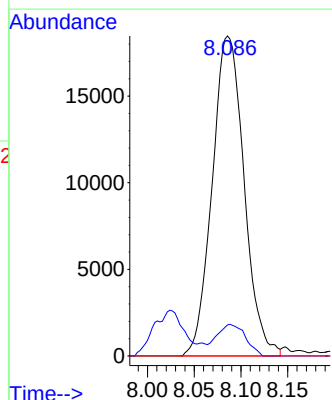
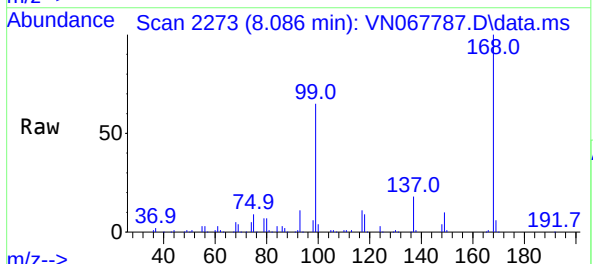
Instrument :
MSVOA_N
ClientSampled :

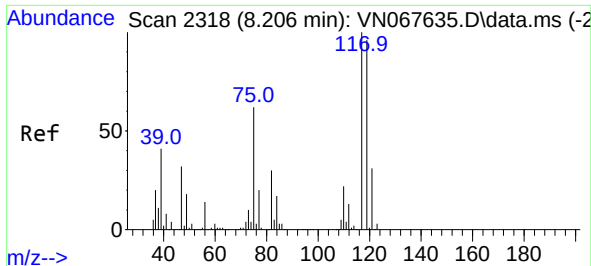
Tgt Ion:113 Resp: 266569
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.8
192 16.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 75 Resp: 43896
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#

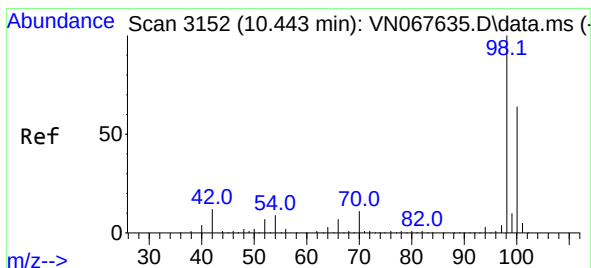
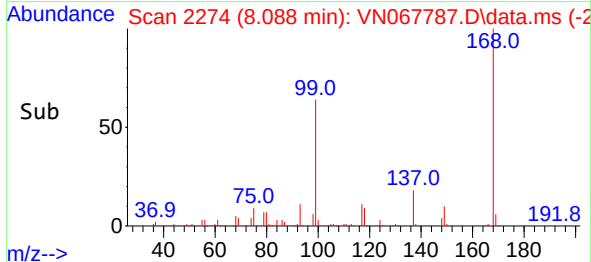
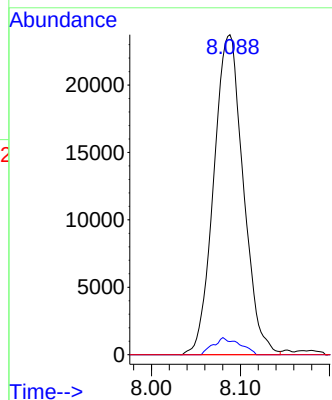
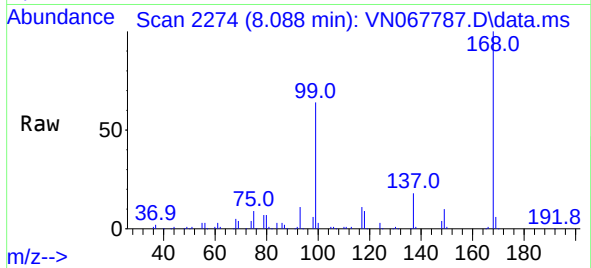




#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

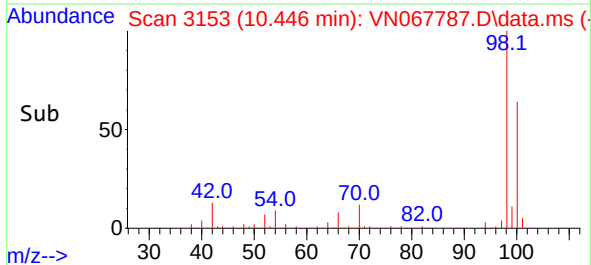
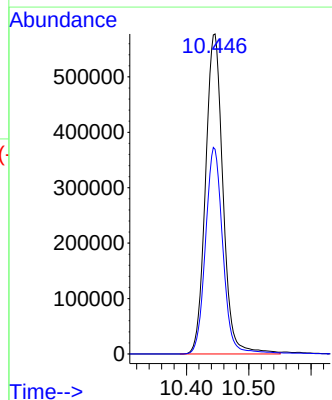
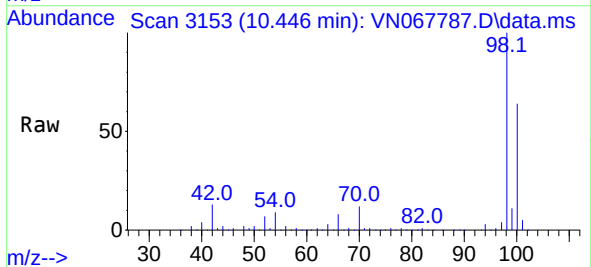
Instrument :
MSVOA_N
ClientSampled :

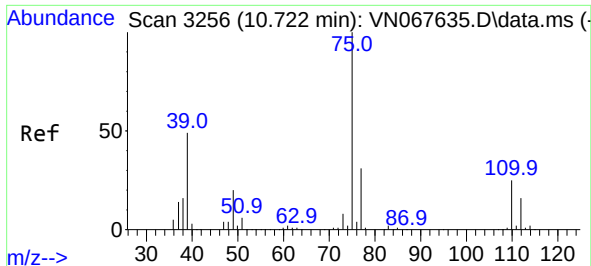
Tgt Ion:117 Resp: 54762
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 98 Resp: 1123533
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

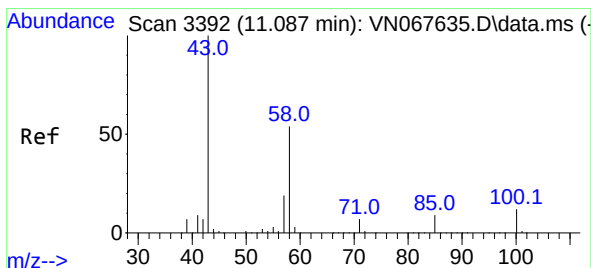
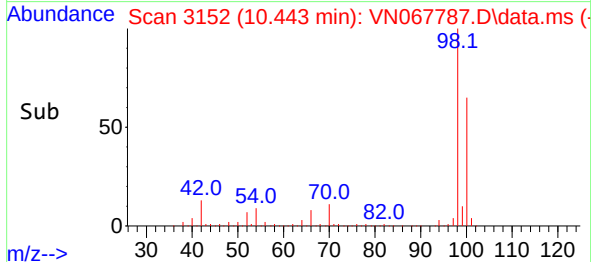
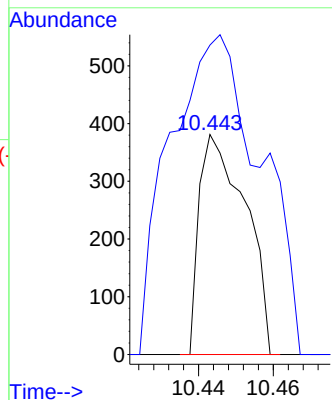
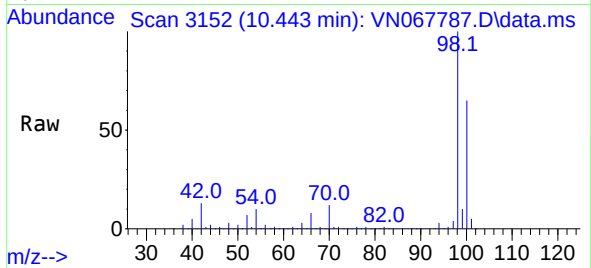




#53
t-1,3-Dichloropropene
Concen: 1.774 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.279 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

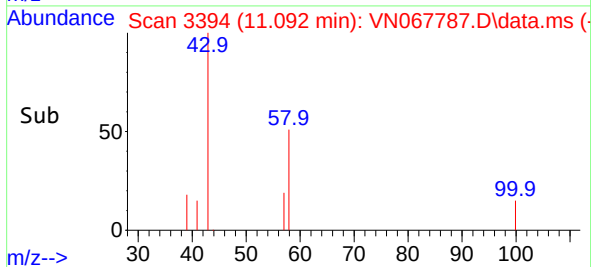
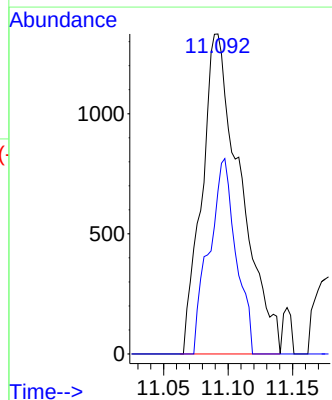
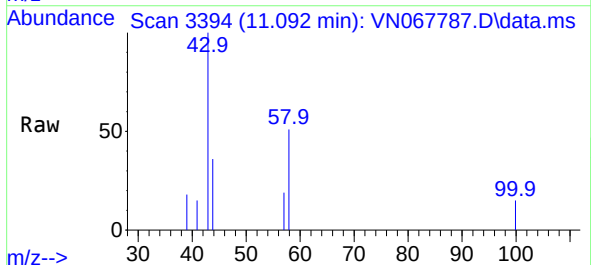
Instrument :
MSVOA_N
ClientSampled :

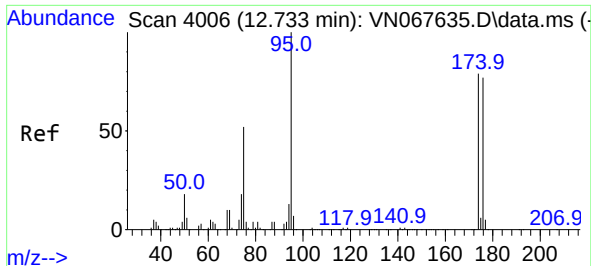
Tgt Ion: 75 Resp: 327
Ion Ratio Lower Upper
75 100
77 62.2 25.1 37.7#



#59
2-Hexanone
Concen: 0.451 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
58 42.3 24.7 74.1

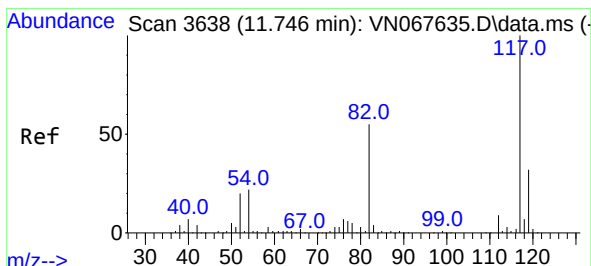
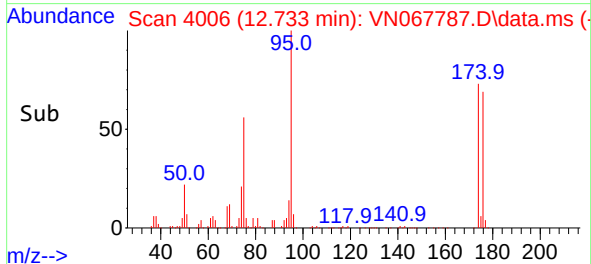
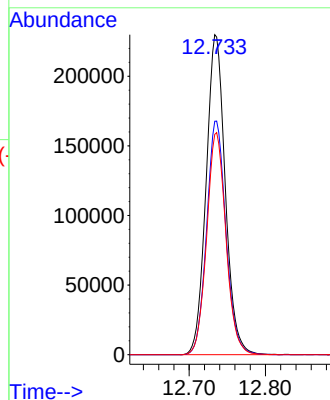
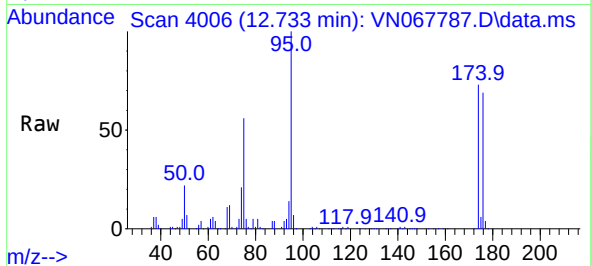




#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

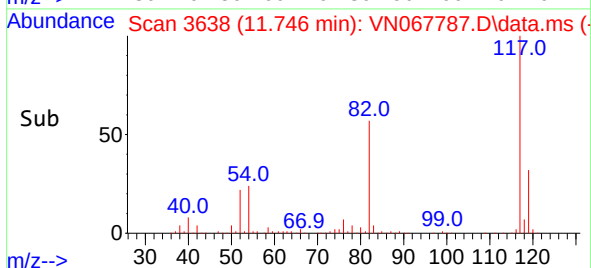
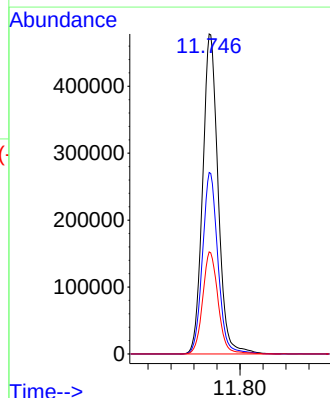
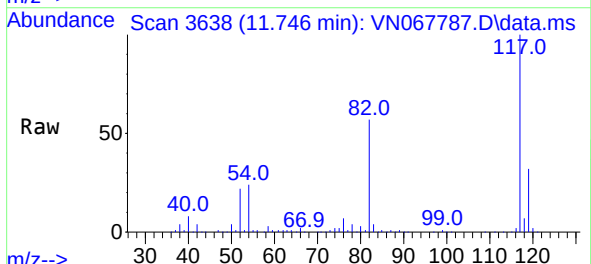
Instrument :
MSVOA_N
ClientSampled :

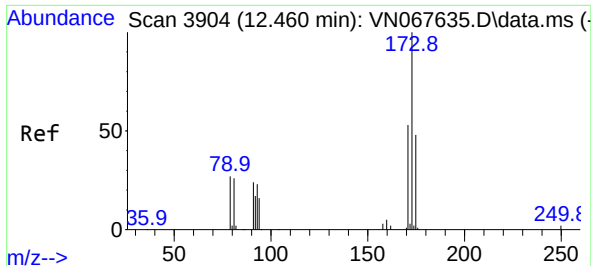
Tgt Ion: 95 Resp: 400893
Ion Ratio Lower Upper
95 100
174 73.6 0.0 122.0
176 69.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 117 Resp: 890734
Ion Ratio Lower Upper
117 100
82 56.7 53.1 79.7
119 31.9 25.5 38.3

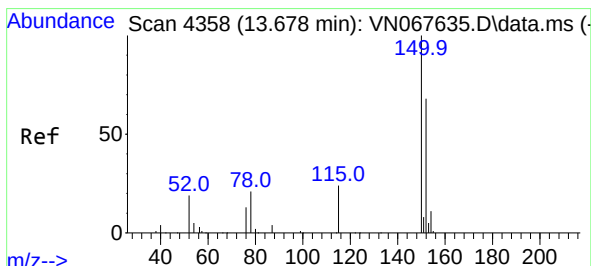
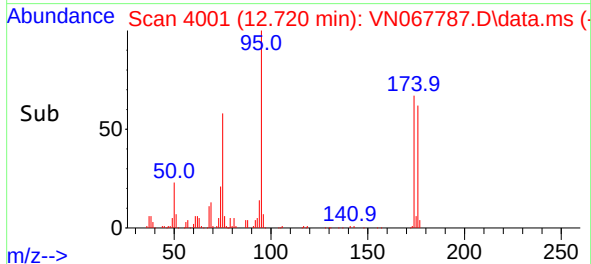
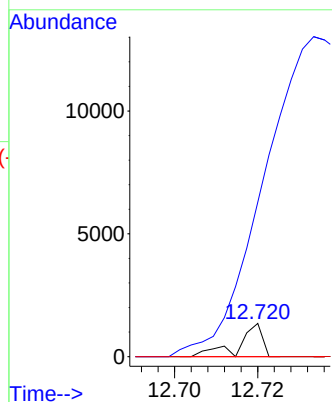
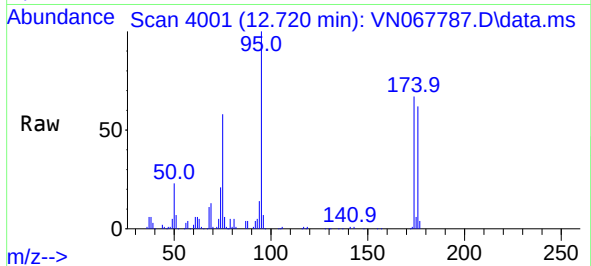




#71
Bromoform
Concen: 3.263 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

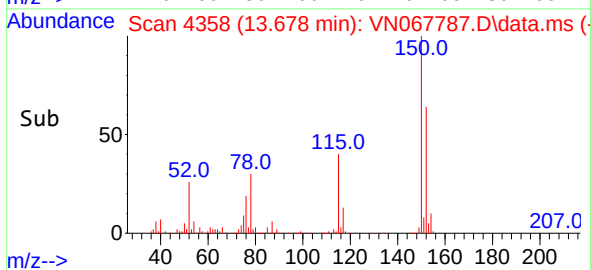
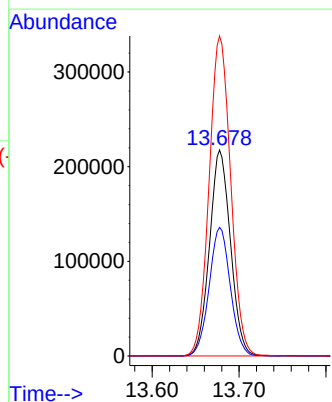
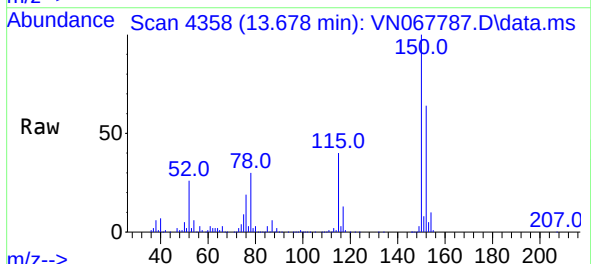
Instrument :
MSVOA_N
ClientSampleId :

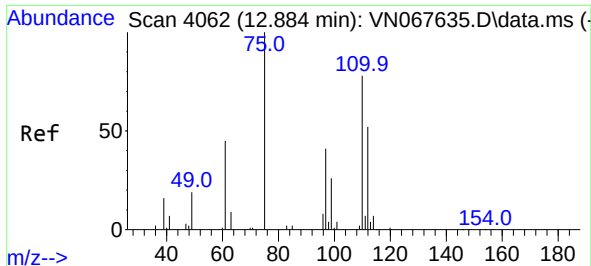
Tgt Ion:173 Resp: 532
Ion Ratio Lower Upper
173 100
175 4056.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion:152 Resp: 364922
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 159.5 0.0 351.8

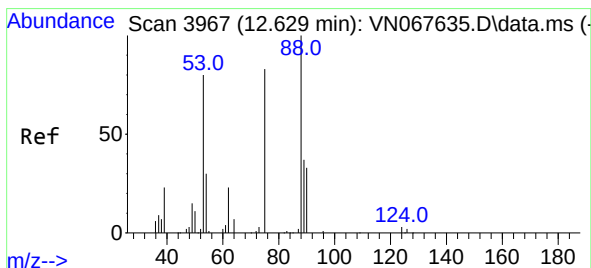
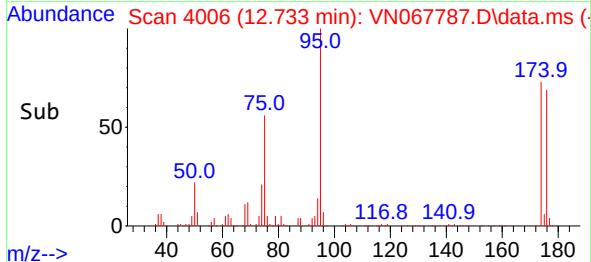
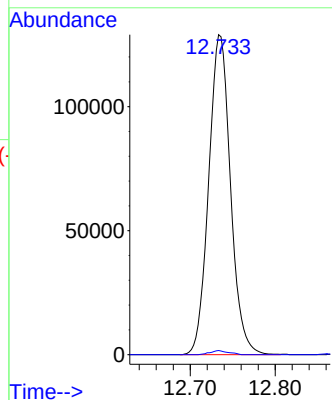
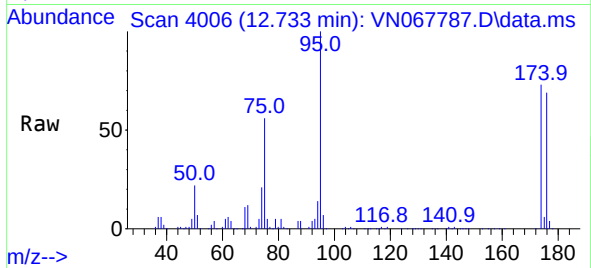




#76
1,2,3-Trichloropropane
Concen: 30.848 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

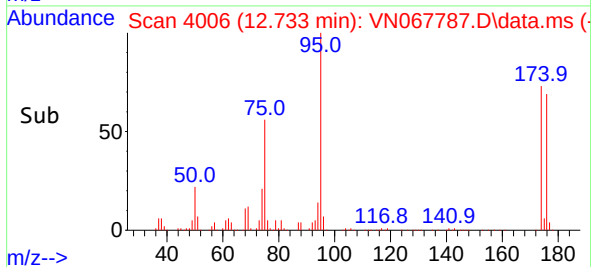
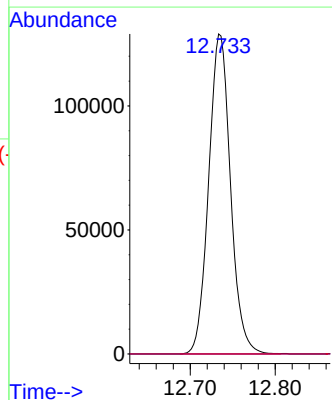
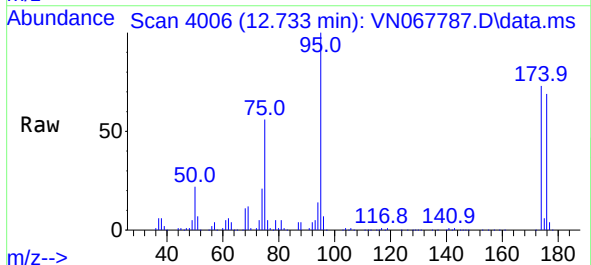
Instrument :
MSVOA_N
ClientSampled :

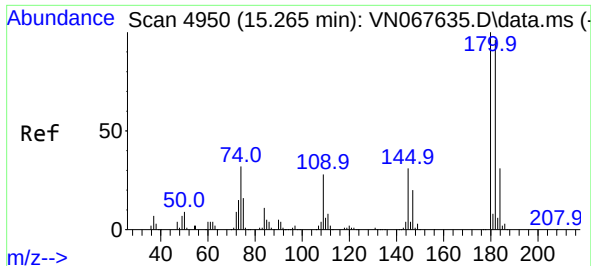
Tgt Ion: 75 Resp: 229893
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.458 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion: 75 Resp: 229893
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

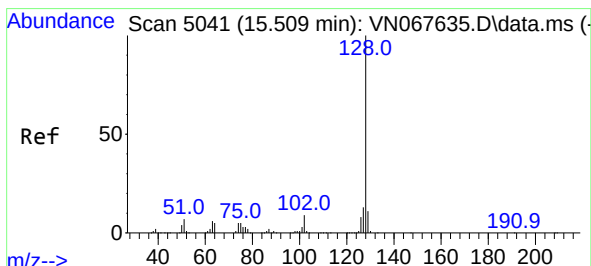
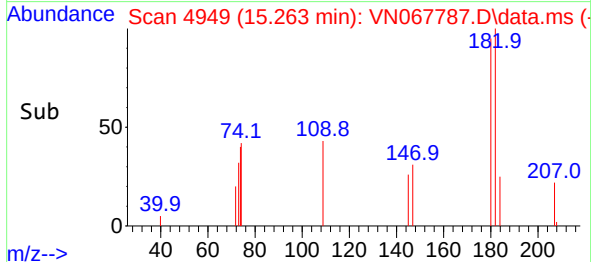
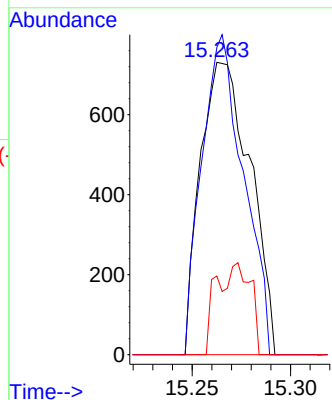
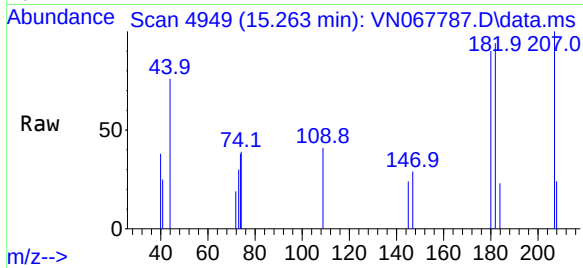




#93
1,2,4-Trichlorobenzene
Concen: 2.874 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

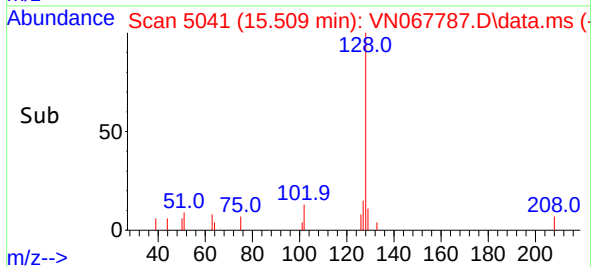
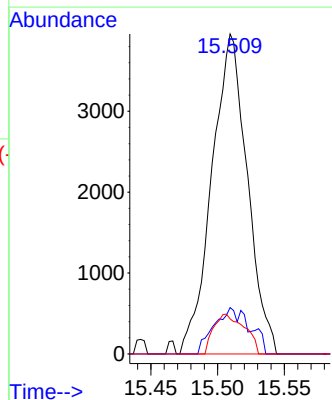
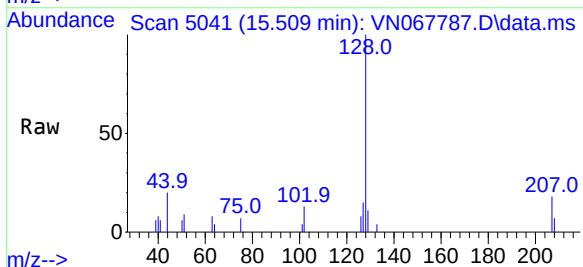
Instrument :
MSVOA_N
ClientSampleId :

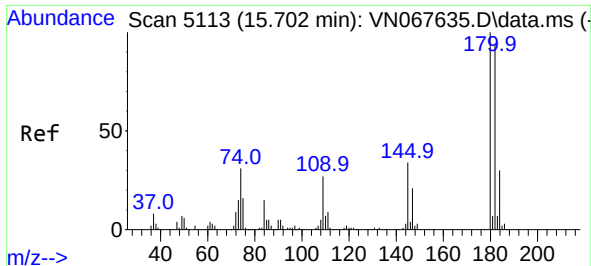
Tgt Ion:180 Resp: 1285
Ion Ratio Lower Upper
180 100
182 91.6 47.5 142.5
145 6.8 17.2 51.6#



#95
Naphthalene
Concen: 3.396 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067787.D
Acq: 19 Jul 2021 12:22

Tgt Ion:128 Resp: 7298
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.809 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN067787.D
 Acq: 19 Jul 2021 12:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180 Resp: 1086
 Ion Ratio Lower Upper
 180 100
 182 147.5 47.8 143.3#
 145 21.9 18.2 54.6

