

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067788.D
 Acq On : 19 Jul 2021 12:55
 Operator : JC/MD
 Sample : VN0719WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 14:03:40 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	8.085	168	398123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	736445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	697616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	254370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	294236	48.902	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.800%
35) Dibromofluoromethane	8.024	113	214396	48.185	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.380%
50) Toluene-d8	10.443	98	905295	48.609	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.736	95	300523	45.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.360%

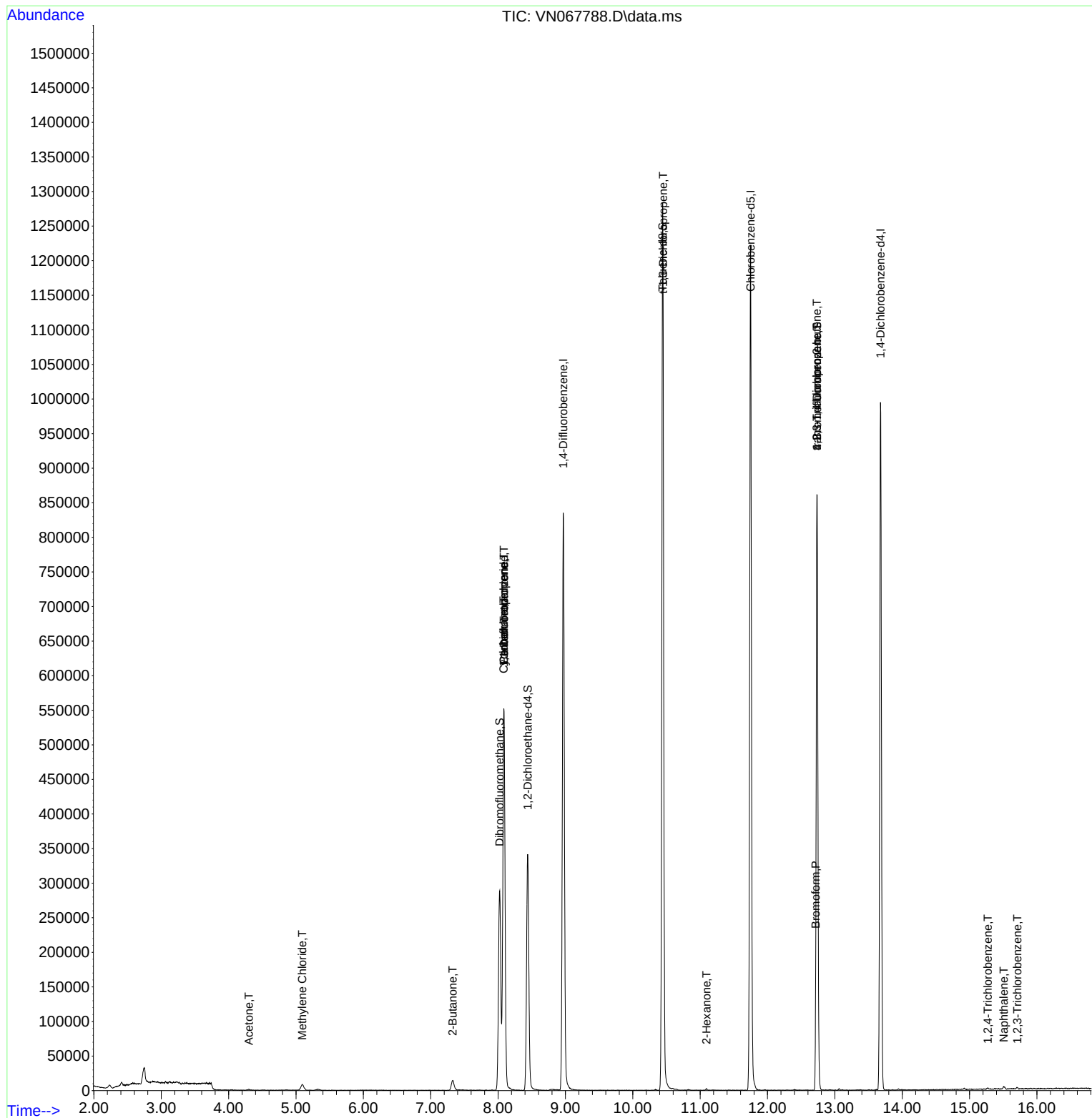
Target Compounds			Qvalue			
5) Bromomethane	2.837	94	50	Below Cal	#	4
6) Chloroethane	2.767	64	88	Below Cal	#	1
13) Acrolein	4.033	56	170	Below Cal	#	14
16) Acetone	4.299	43	1284	0.678	ug/l	96
20) Methylene Chloride	5.092	84	6413	0.766	ug/l	90
25) 2-Butanone	7.326	43	832	0.265	ug/l	# 51
31) Cyclohexane	8.083	56	10281	1.219	ug/l	# 44
36) 1,1-Dichloropropene	8.088	75	36106	5.278	ug/l	# 45
38) Carbon Tetrachloride	8.085	117	44142	6.542	ug/l	# 18
53) t-1,3-Dichloropropene	10.451	75	64	1.752	ug/l	# 64
59) 2-Hexanone	11.095	43	1450	0.290	ug/l	# 59
71) Bromoform	12.715	173	134	3.204	ug/l	# 29
76) 1,2,3-Trichloropropane	12.733	75	169512	32.632	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	169512	105.208	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.270	180	858	2.866	ug/l	# 74
95) Naphthalene	15.507	128	3910	3.307	ug/l	# 89
96) 1,2,3-Trichlorobenzene	15.710	180	1016	2.869	ug/l	# 56

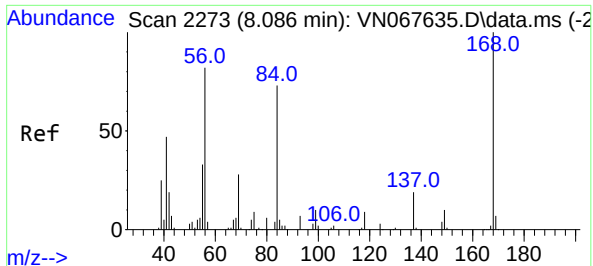
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
Data File : VN067788.D
Acq On : 19 Jul 2021 12:55
Operator : JC/MD
Sample : VN0719WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 19 14:03:40 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

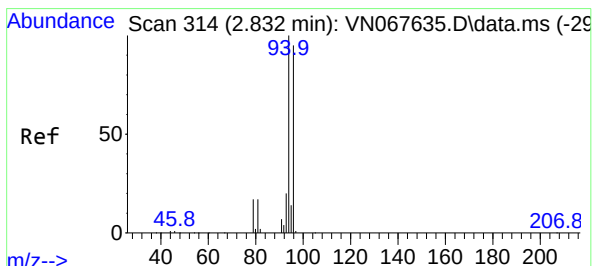
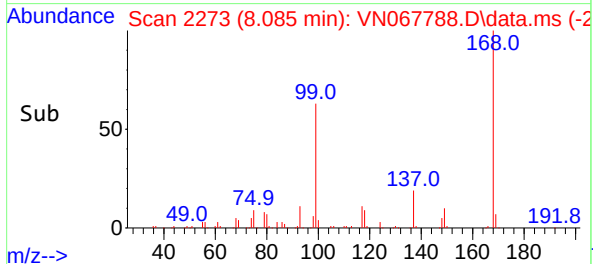
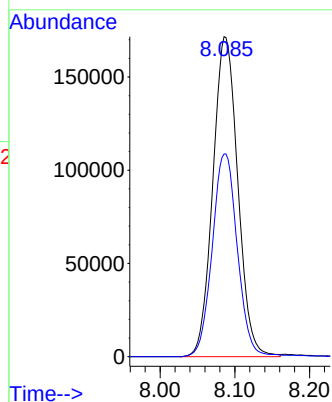
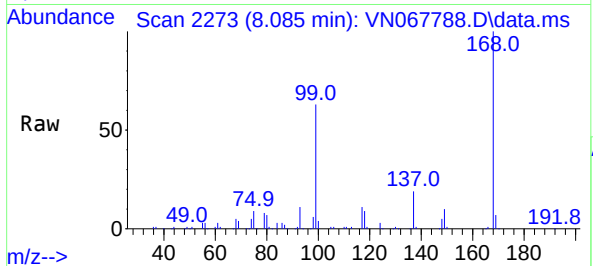




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.001 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

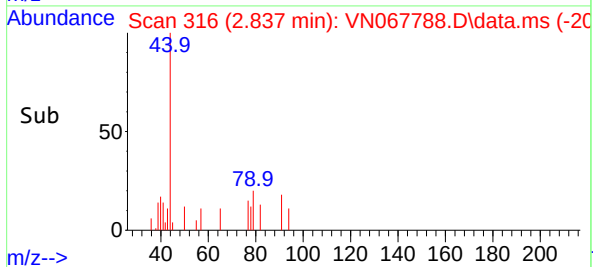
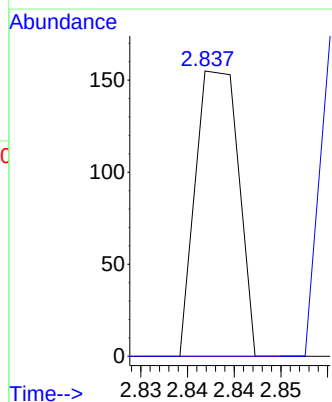
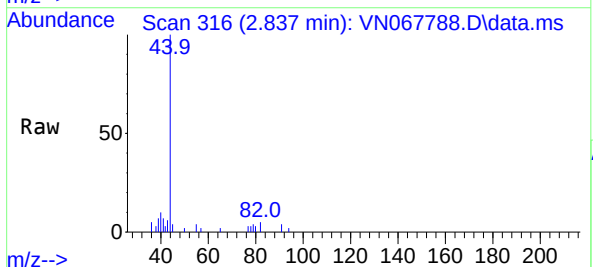
Instrument :
MSVOA_N
ClientSampleId :

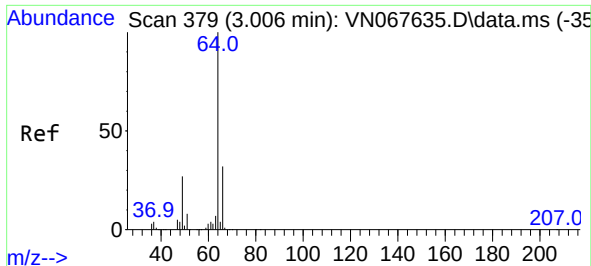
Tgt Ion:168 Resp: 398123
Ion Ratio Lower Upper
168 100
99 63.4 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.837 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

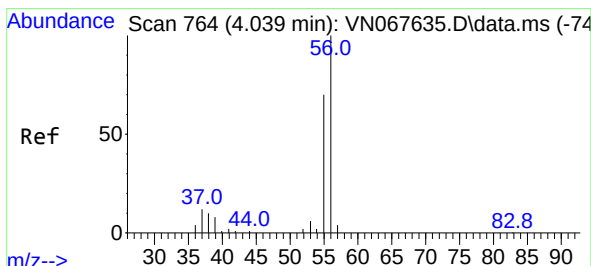
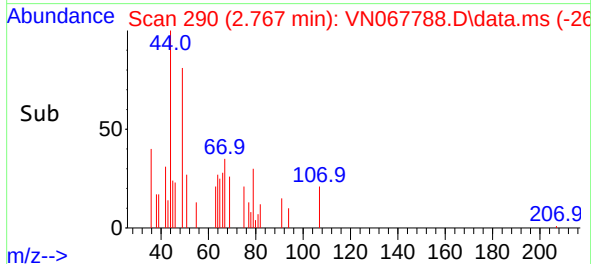
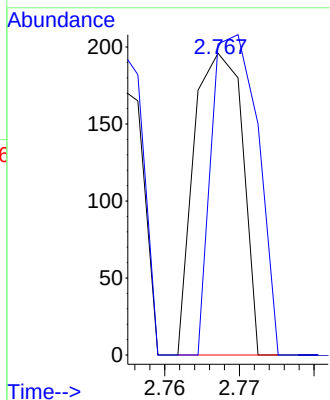
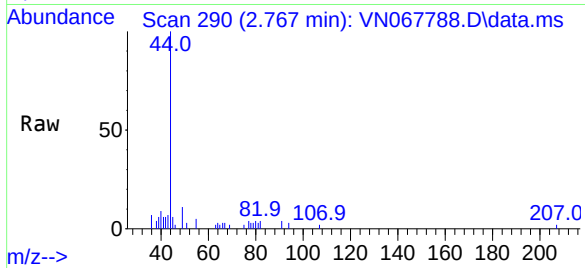




#6
Chloroethane
Concen: Below Cal
RT: 2.767 min Scan# 290
Delta R.T. -0.239 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

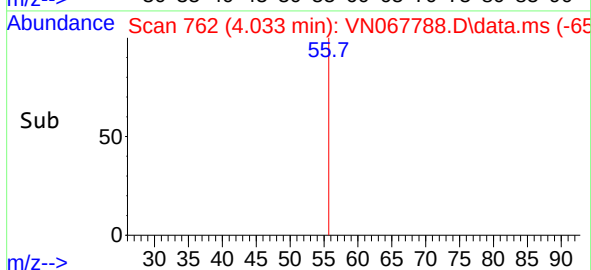
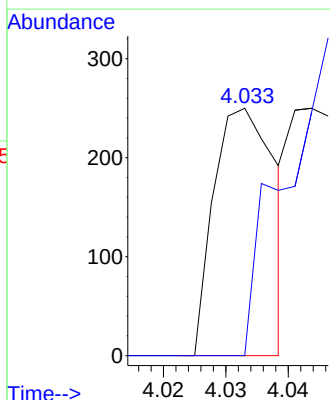
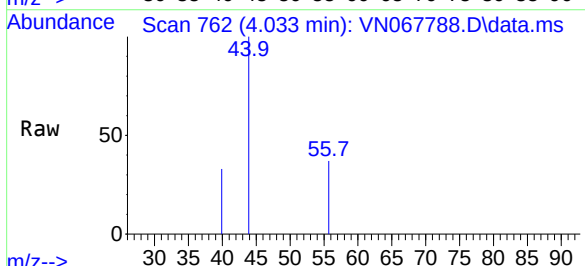
Instrument :
MSVOA_N
ClientSampled :

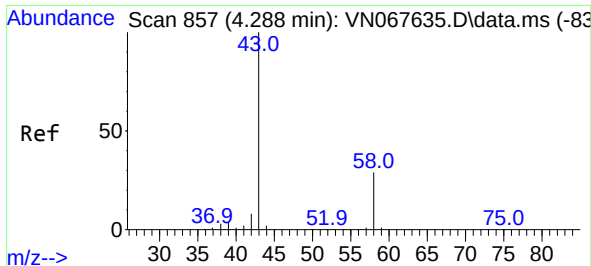
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 103.1 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.033 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

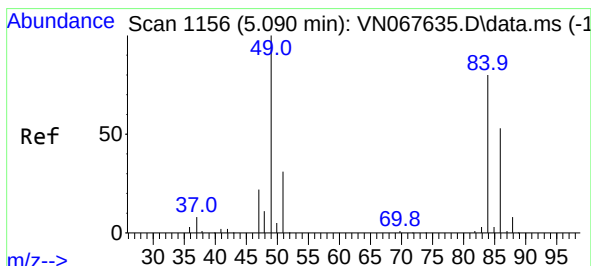
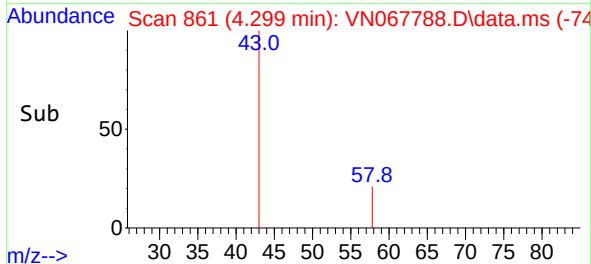
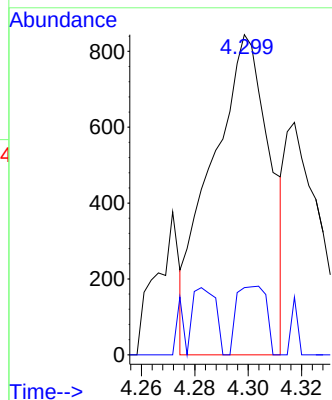
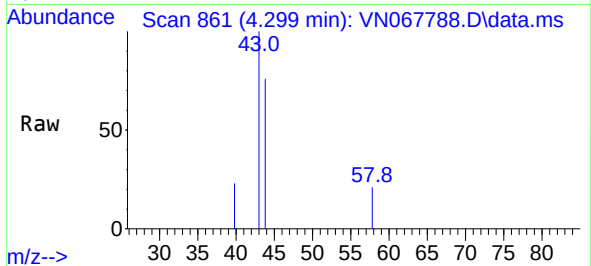




#16
Acetone
Concen: 0.678 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

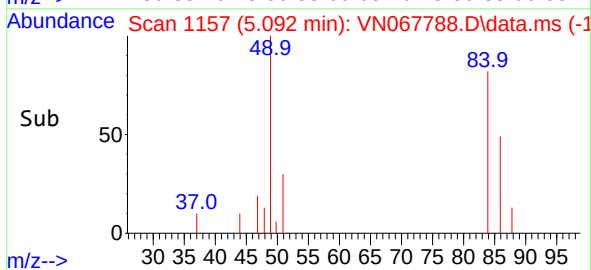
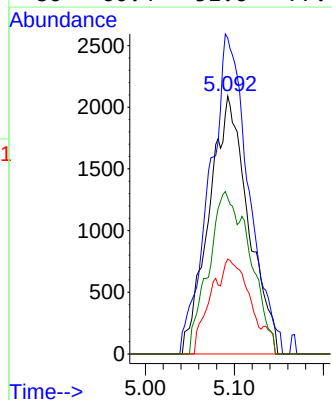
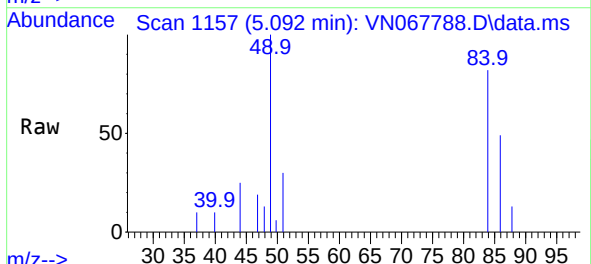
Instrument :
MSVOA_N
ClientSampled :

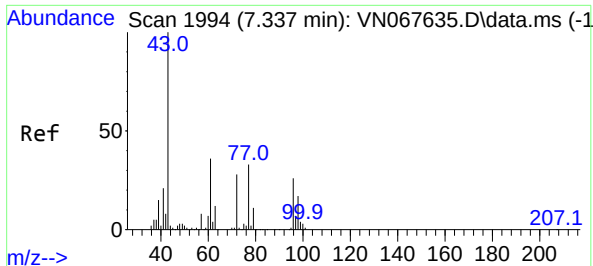
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8



#20
Methylene Chloride
Concen: 0.766 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 84 Resp: 6413
Ion Ratio Lower Upper
84 100
49 122.5 110.9 166.3
51 36.8 32.6 49.0
86 60.4 51.6 77.4

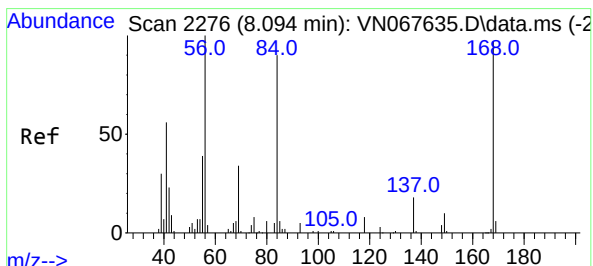
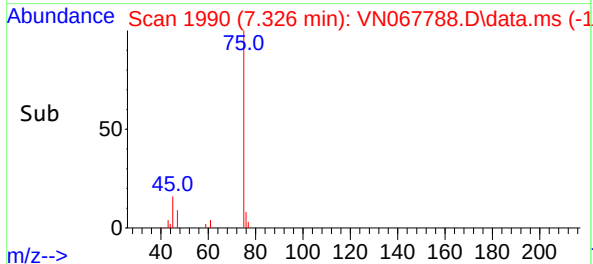
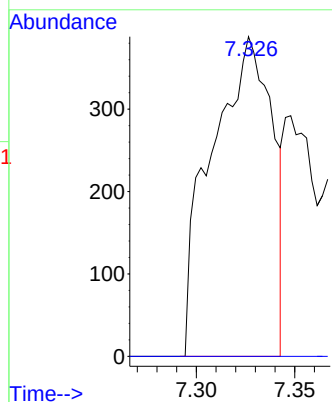
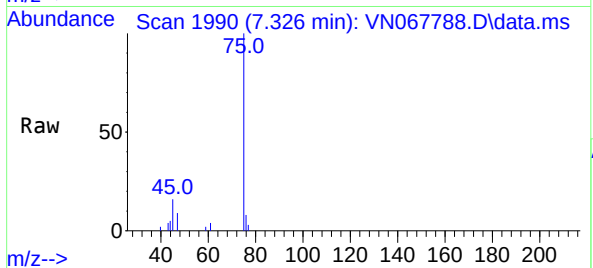




#25
2-Butanone
Concen: 0.265 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.011 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

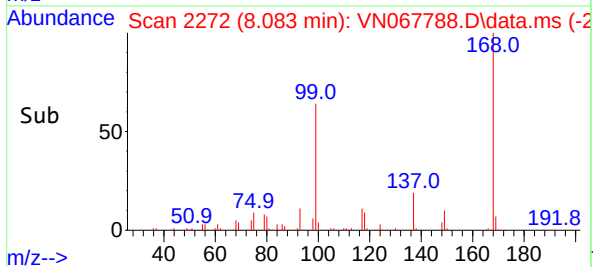
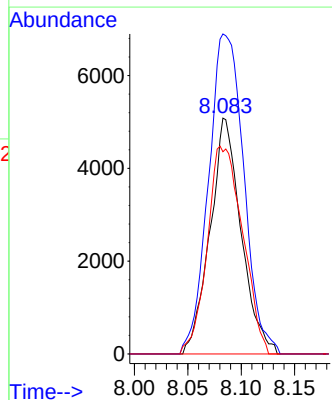
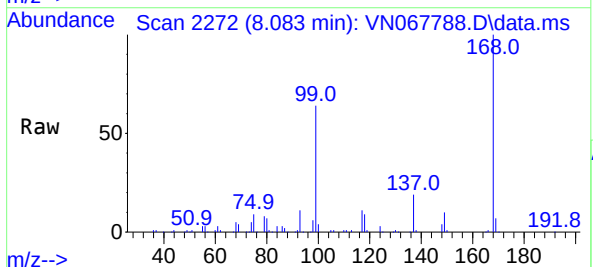
Instrument :
MSVOA_N
ClientSampled :

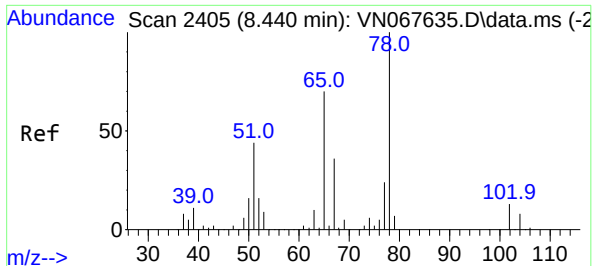
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 56 Resp: 10281
Ion Ratio Lower Upper
56 100
69 135.6 27.3 40.9#
84 85.7 64.9 97.3



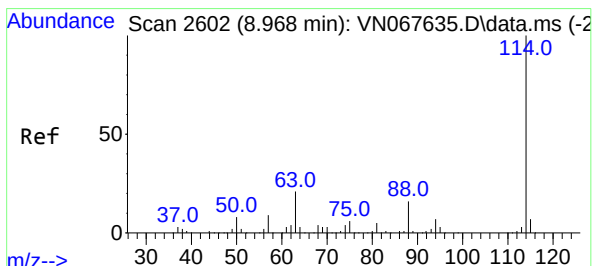
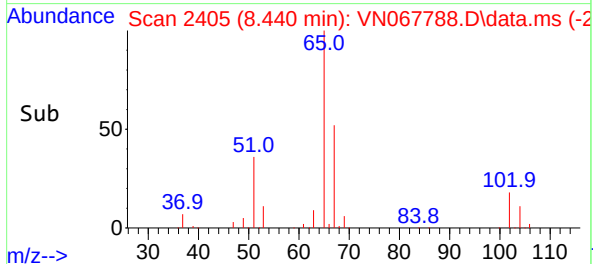
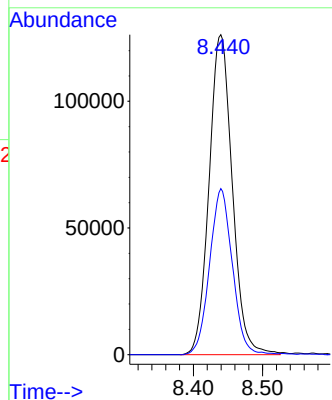
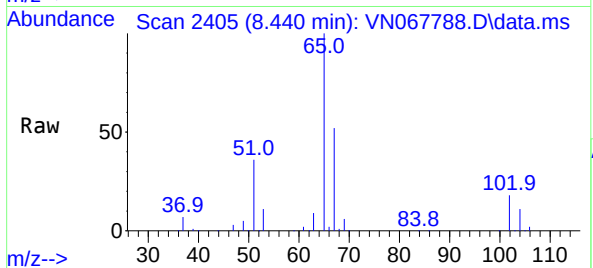


#33

1,2-Dichloroethane-d4
Concen: 48.902 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Instrument :
MSVOA_N
ClientSampled :

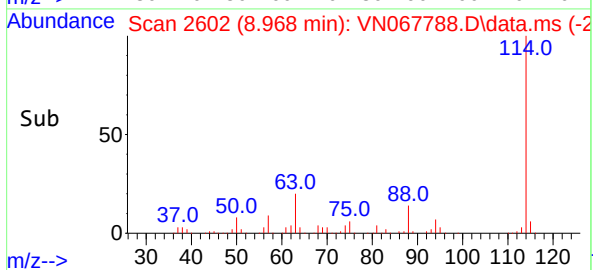
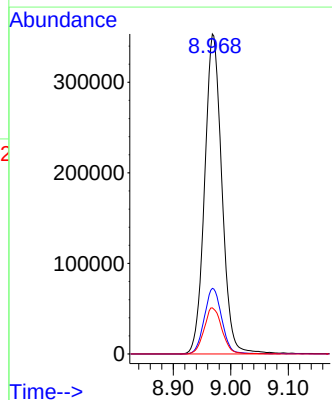
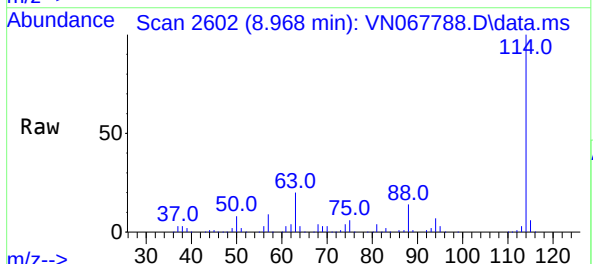
Tgt Ion: 65 Resp: 294236
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

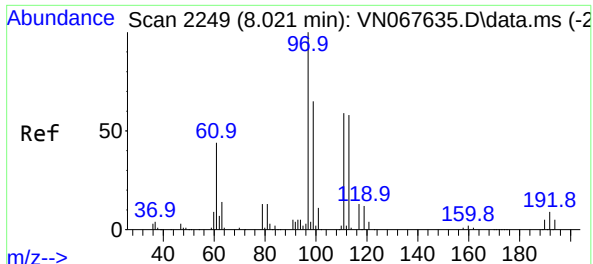


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 114 Resp: 736445
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 14.4 0.0 36.6

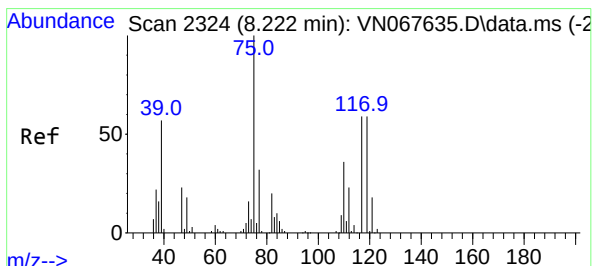
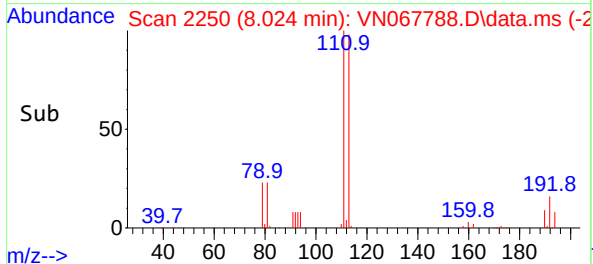
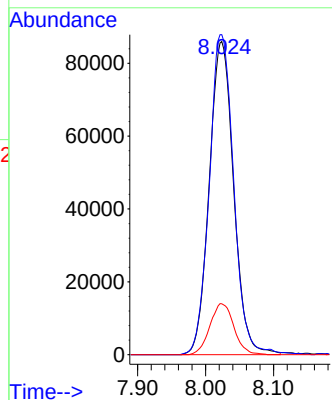
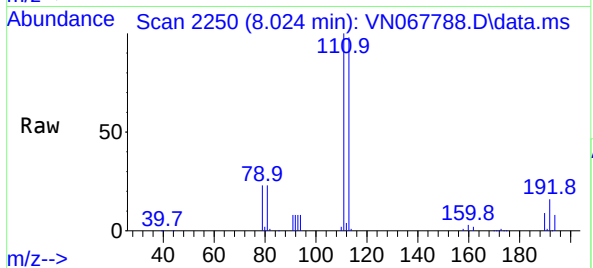




#35
Dibromofluoromethane
Concen: 48.185 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

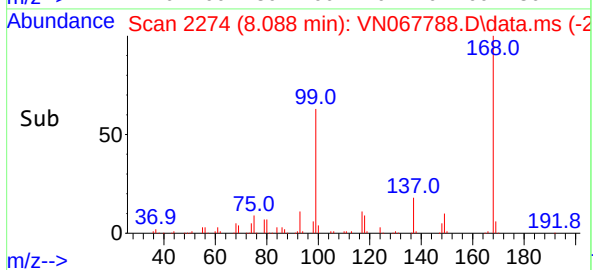
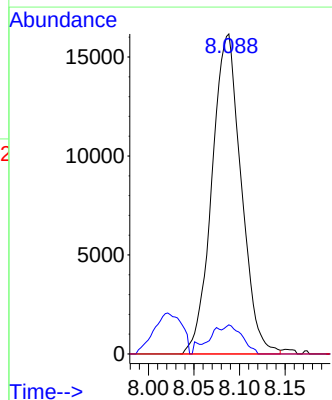
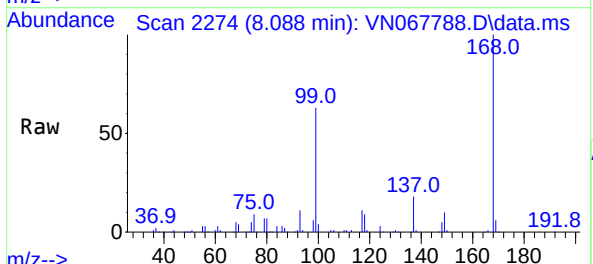
Instrument :
MSVOA_N
ClientSampled :

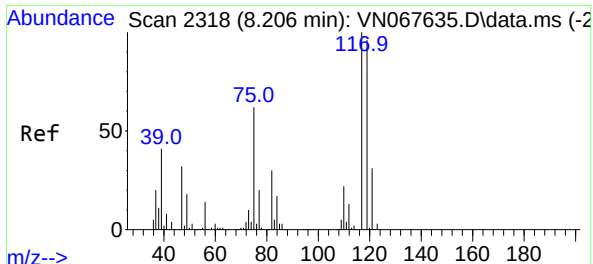
Tgt Ion:113 Resp: 214396
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.8
192 16.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

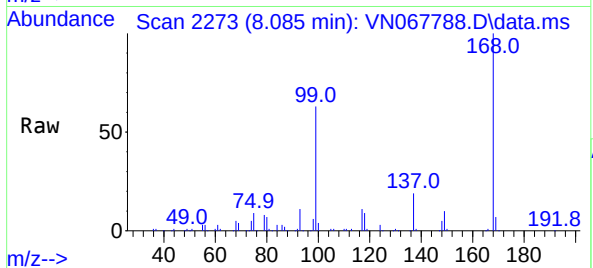
Tgt Ion: 75 Resp: 36106
Ion Ratio Lower Upper
75 100
110 1.7 15.7 47.0#
77 0.0 24.6 37.0#



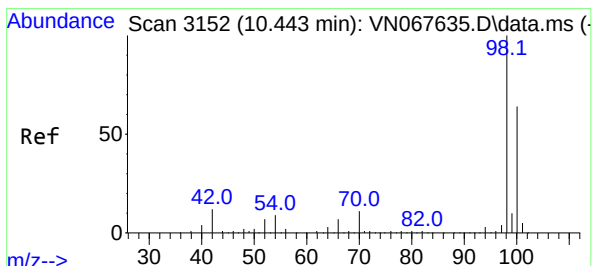
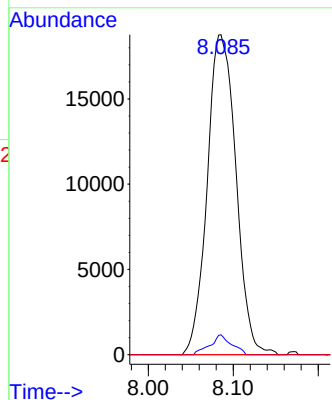
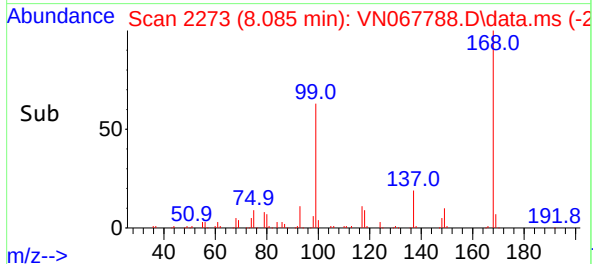


#38
Carbon Tetrachloride
Concen: 6.542 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

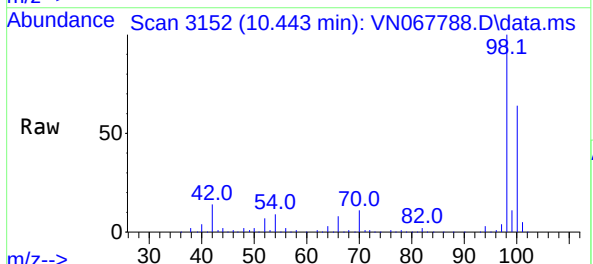
Instrument :
MSVOA_N
ClientSampled :



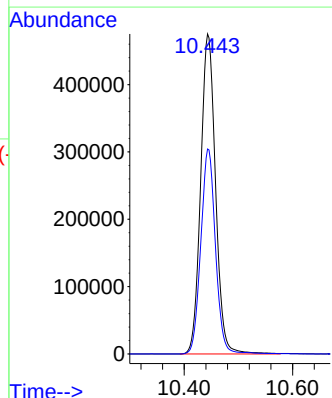
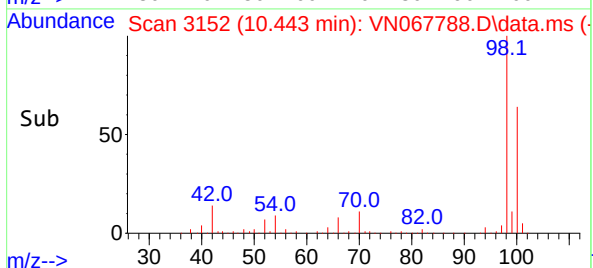
Tgt Ion:117 Resp: 44142
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 23.5 35.3#

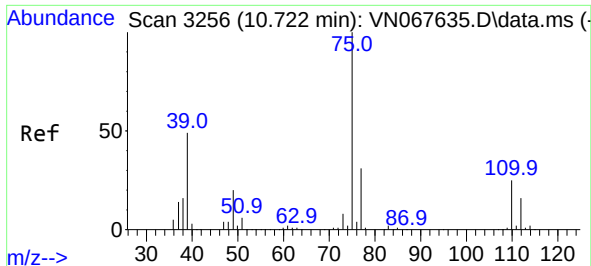


#50
Toluene-d8
Concen: 48.609 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55



Tgt Ion: 98 Resp: 905295
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

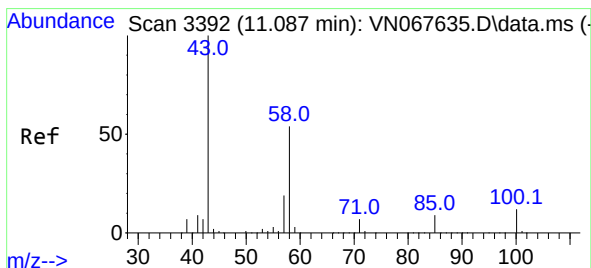
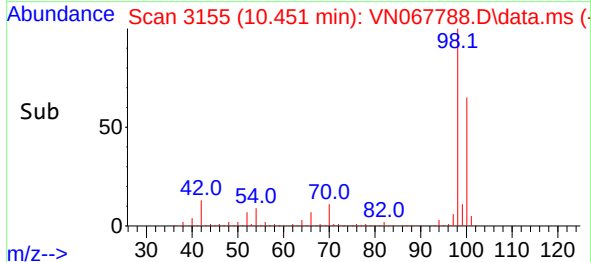
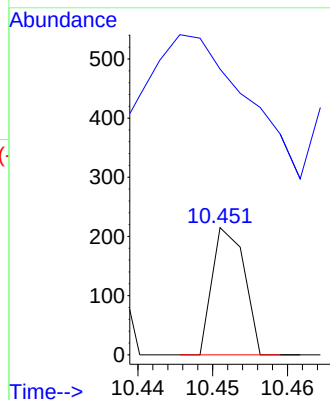
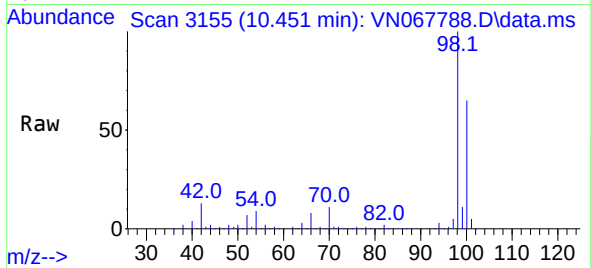




#53
t-1,3-Dichloropropene
Concen: 1.752 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.271 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

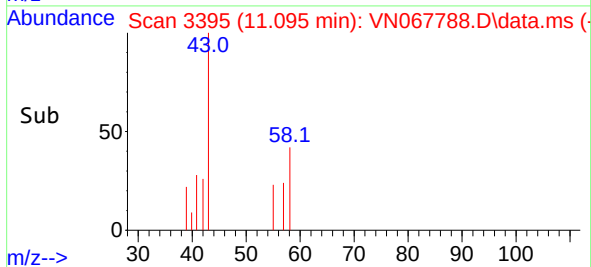
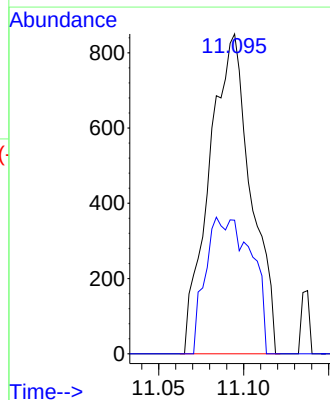
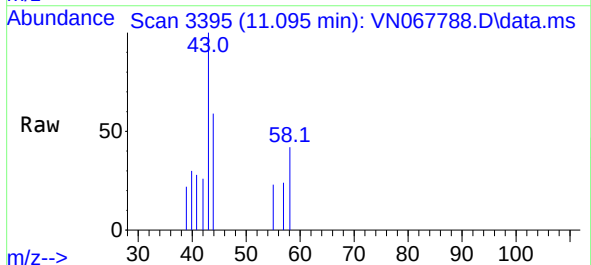
Instrument :
MSVOA_N
ClientSampled :

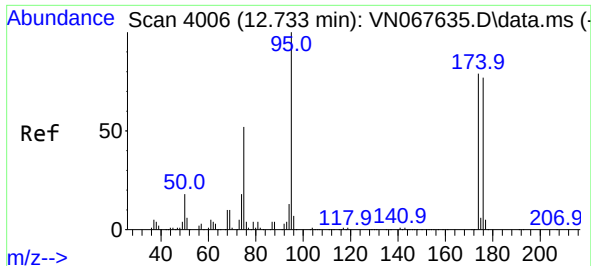
Tgt Ion: 75 Resp: 64
Ion Ratio Lower Upper
75 100
77 51.2 25.1 37.7#



#59
2-Hexanone
Concen: 0.290 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 21.4 24.7 74.1#

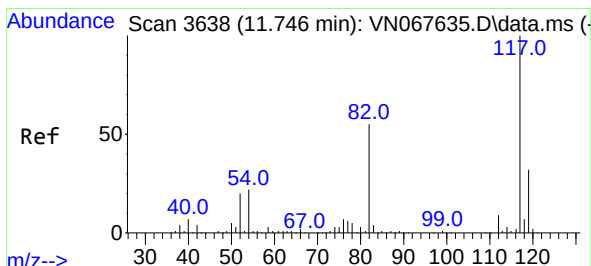
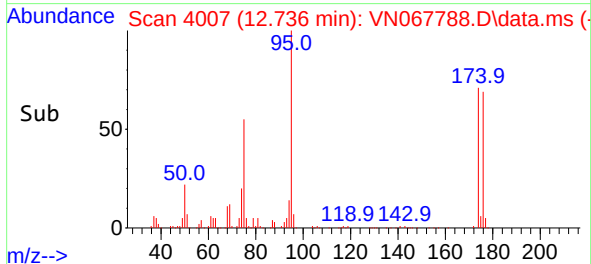
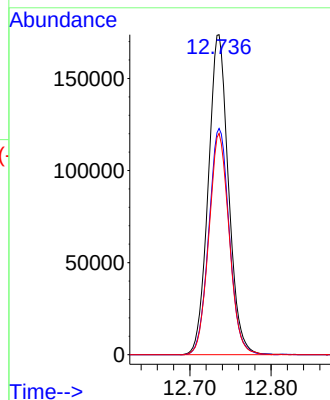
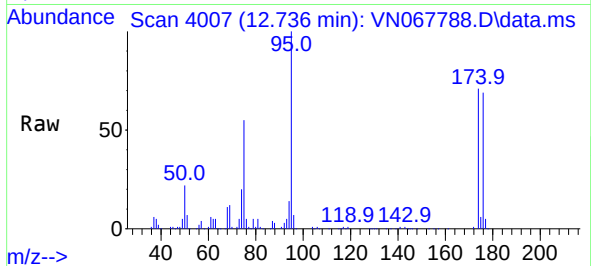




#62
4-Bromofluorobenzene
Concen: 45.678 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

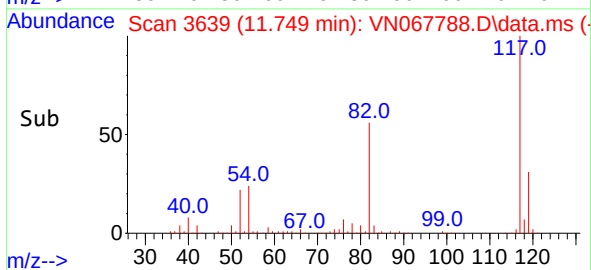
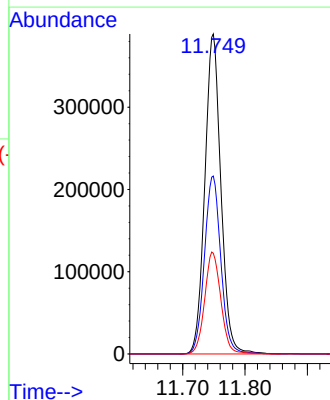
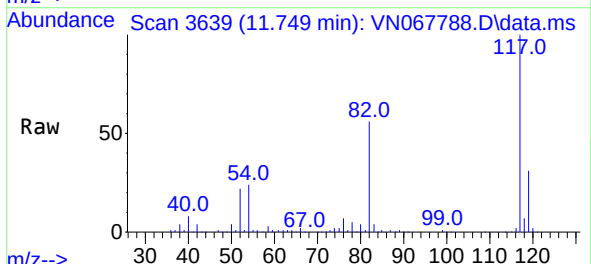
Instrument :
MSVOA_N
ClientSampleId :

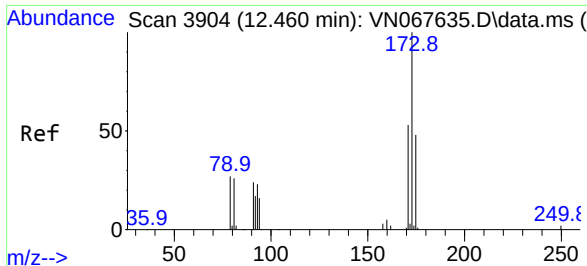
Tgt Ion: 95 Resp: 300523
Ion Ratio Lower Upper
95 100
174 71.8 0.0 122.0
176 69.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion: 117 Resp: 697616
Ion Ratio Lower Upper
117 100
82 55.6 53.1 79.7
119 31.5 25.5 38.3

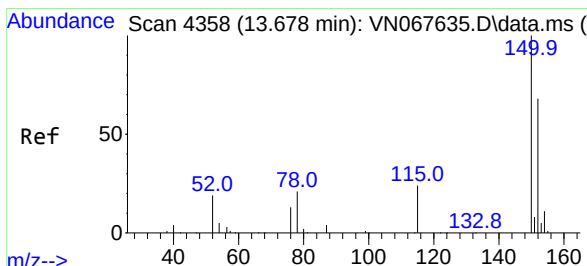
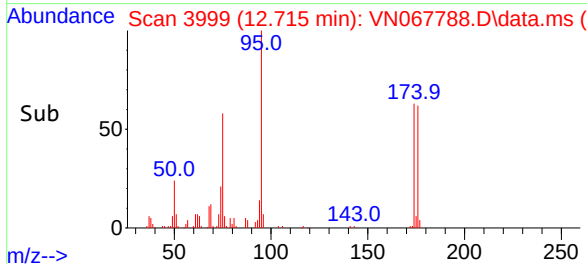
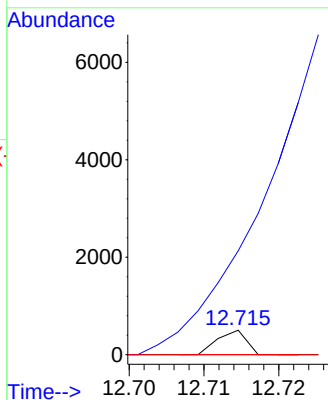
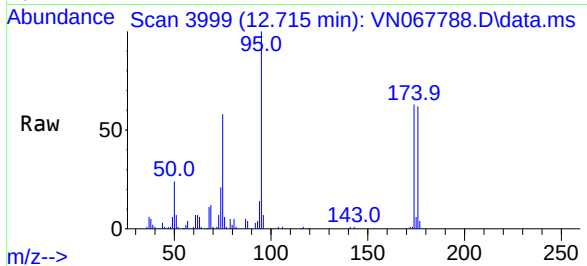




#71
Bromoform
Concen: 3.204 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

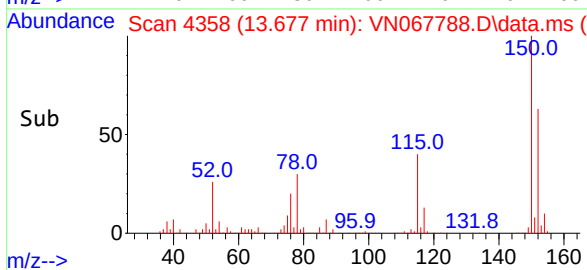
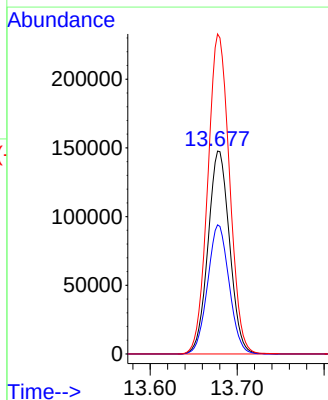
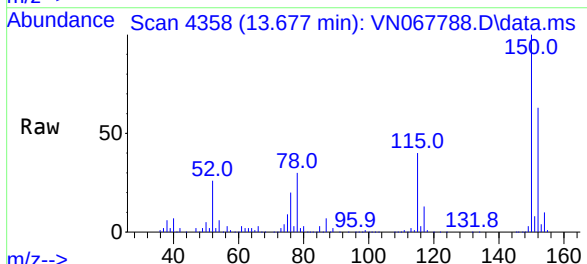
Instrument :
MSVOA_N
ClientSampleId :

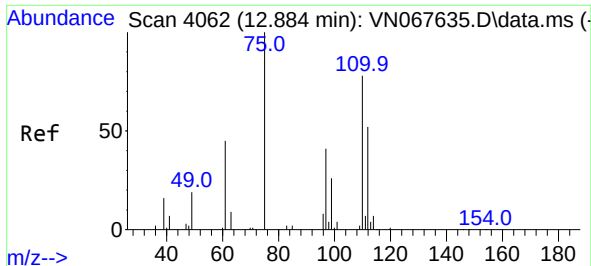
Tgt Ion:173 Resp: 134
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Tgt Ion:152 Resp: 254370
Ion Ratio Lower Upper
152 100
115 63.6 36.1 108.5
150 159.1 0.0 351.8

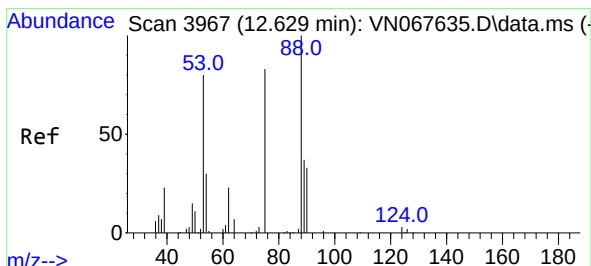
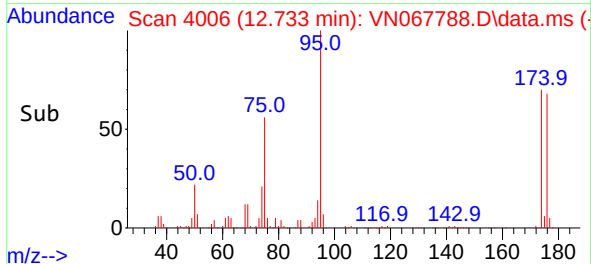
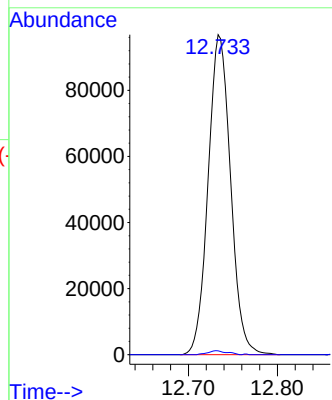
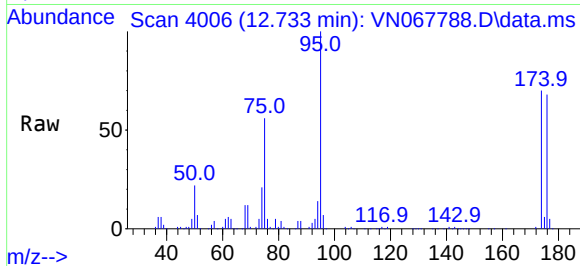




#76
1,2,3-Trichloropropane
Concen: 32.632 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

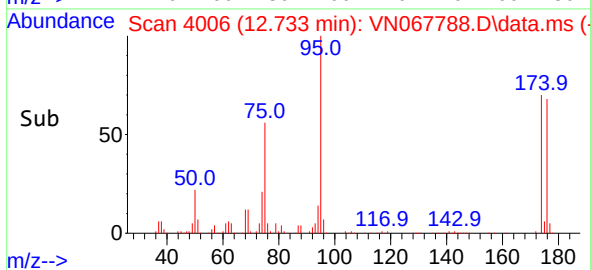
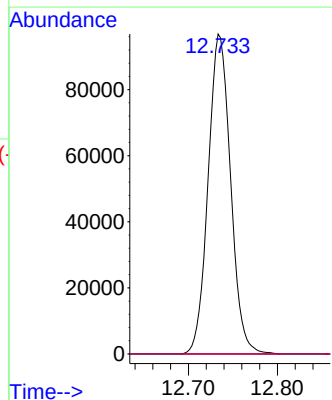
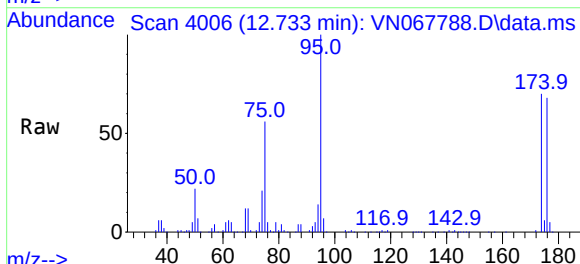
Instrument :
MSVOA_N
ClientSampled :

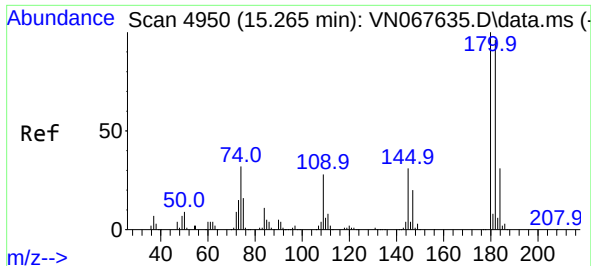
Tgt Ion: 75 Resp: 169512
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.208 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

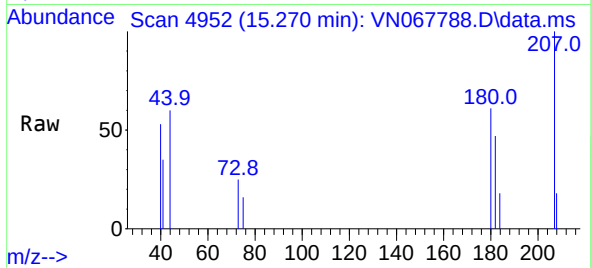
Tgt Ion: 75 Resp: 169512
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



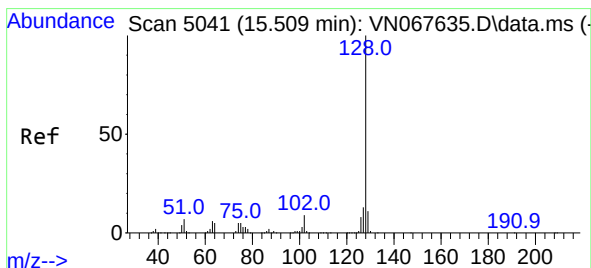
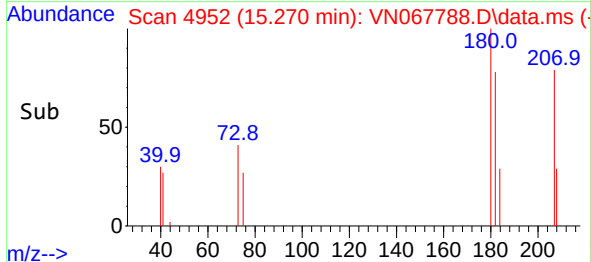
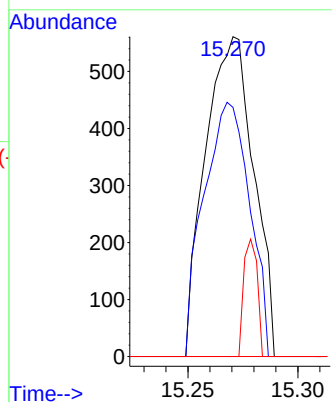


#93
1,2,4-Trichlorobenzene
Concen: 2.866 ug/l
RT: 15.270 min Scan# 4952
Delta R.T. 0.005 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Instrument :
MSVOA_N
ClientSampled :

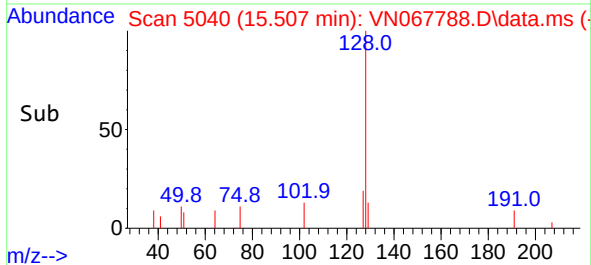
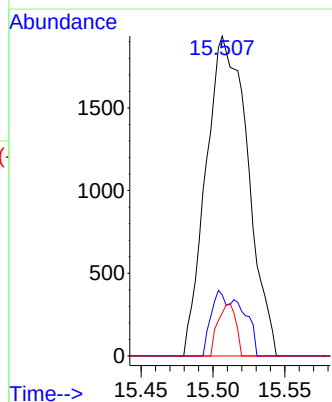
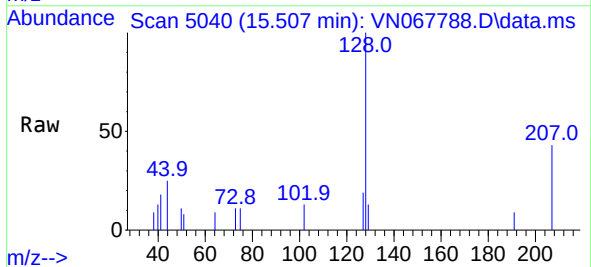


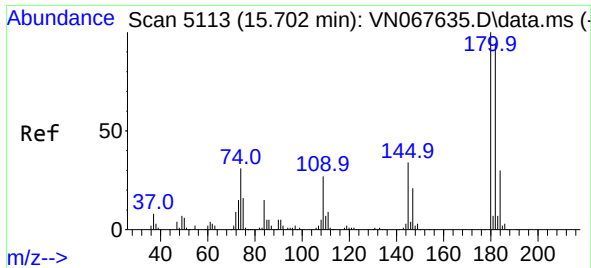
Tgt Ion:180 Resp: 858
Ion Ratio Lower Upper
180 100
182 75.4 47.5 142.5
145 10.3 17.2 51.6#



#95
Naphthalene
Concen: 3.307 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

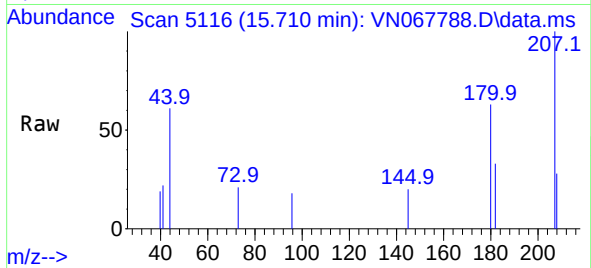
Tgt Ion:128 Resp: 3910
Ion Ratio Lower Upper
128 100
127 8.7 10.6 15.8#
129 6.9 8.6 12.8#





#96
1,2,3-Trichlorobenzene
Concen: 2.869 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.008 min
Lab File: VN067788.D
Acq: 19 Jul 2021 12:55

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	53.1	47.8	143.3
145	9.6	18.2	54.6#

