

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067936.D
 Acq On : 27 Jul 2021 18:25
 Operator : JC/MD
 Sample : M3147-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 05:22:49 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)

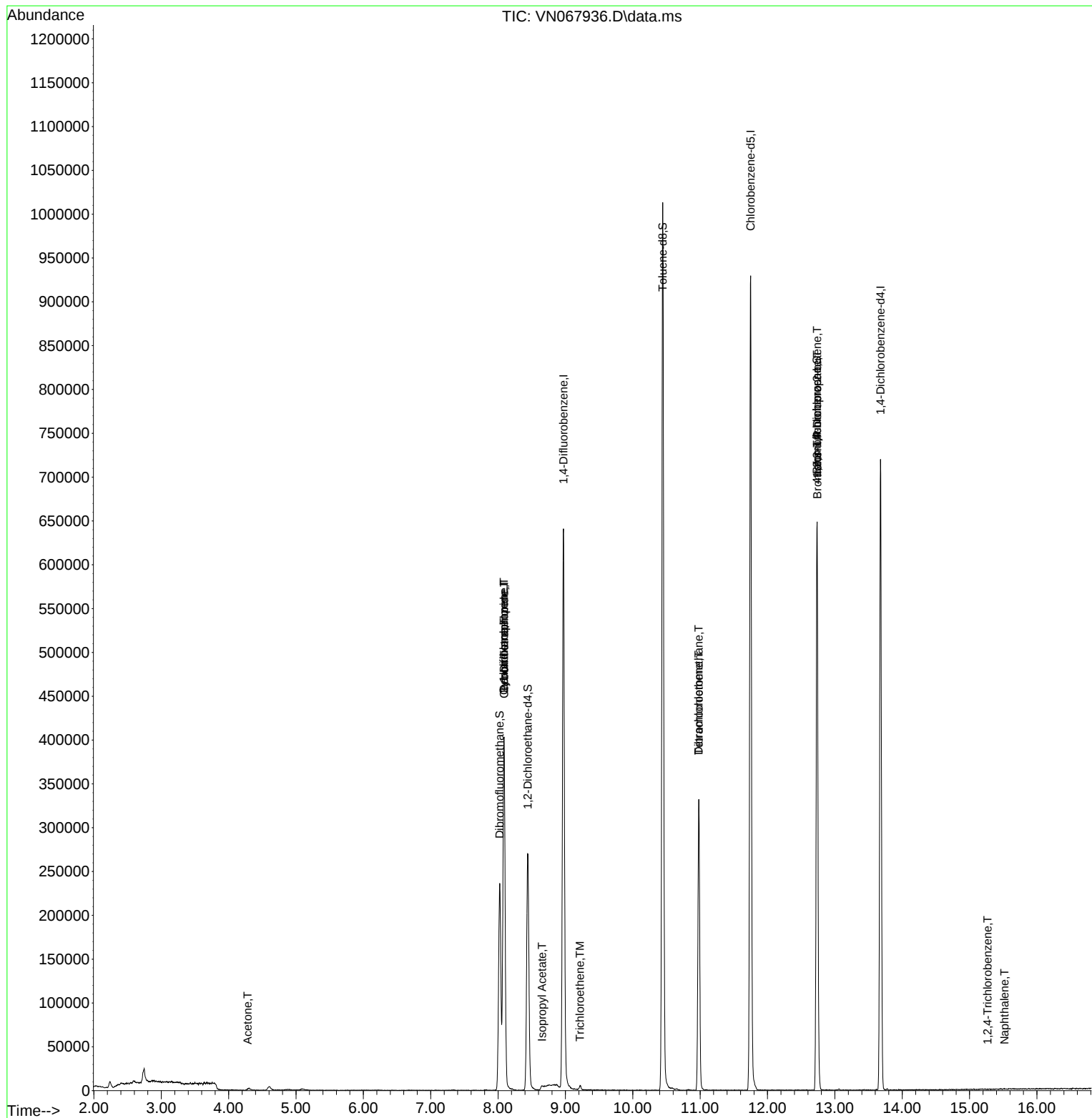
Internal Standards						
1) Pentafluorobenzene	8.088	168	288533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	557860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	537536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	185009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234604	53.801	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.600%		
35) Dibromofluoromethane	8.024	113	171423	50.860	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.720%		
50) Toluene-d8	10.443	98	714228	50.626	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.260%		
62) 4-Bromofluorobenzene	12.733	95	232427	46.638	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.280%		
Target Compounds						
						Qvalue
5) Bromomethane	2.845	94	107	Below Cal	#	4
6) Chloroethane	2.941	64	55	Below Cal	#	44
13) Acrolein	4.041	56	79	Below Cal	#	39
16) Acetone	4.282	43	1162	0.847	ug/l	99
20) Methylene Chloride	5.087	84	243	Below Cal	#	14
31) Cyclohexane	8.085	56	7712	1.261	ug/l	# 28
36) 1,1-Dichloropropene	8.088	75	26297	5.075	ug/l	# 51
38) Carbon Tetrachloride	8.091	117	31985	6.257	ug/l	# 17
43) Isopropyl Acetate	8.651	43	2998	0.339	ug/l	# 58
44) Trichloroethene	9.215	130	1775	0.451	ug/l	86
60) Dibromochloromethane	10.979	129	70039	16.321	ug/l	# 11
64) Tetrachloroethene	10.979	164	69915	18.426	ug/l	93
71) Bromoform	12.739	173	313	3.261	ug/l	# 1
76) 1,2,3-Trichloropropane	12.736	75	130197	34.460	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	130197	111.102	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.268	180	51	2.690	ug/l	# 77
95) Naphthalene	15.520	128	749	3.090	ug/l	# 69

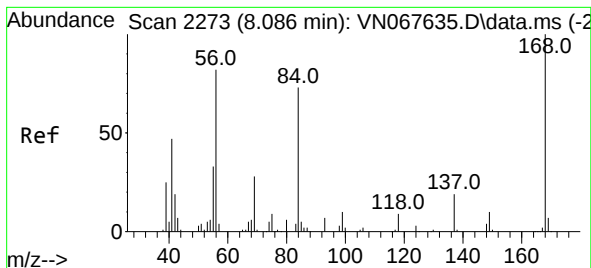
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
Data File : VN067936.D
Acq On : 27 Jul 2021 18:25
Operator : JC/MD
Sample : M3147-19
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 28 05:22:49 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: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN067936.D

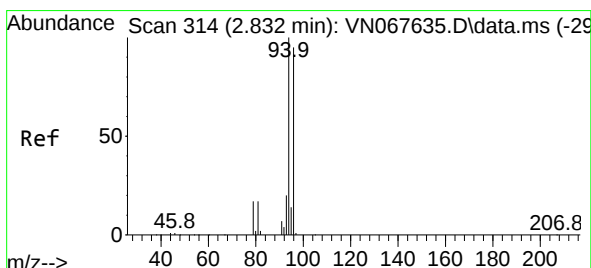
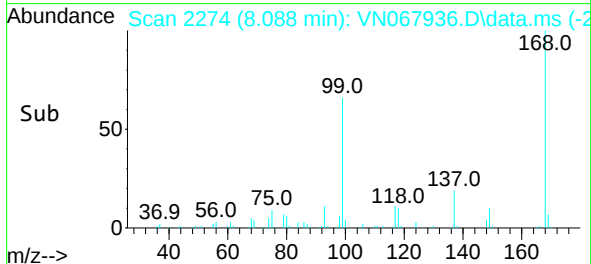
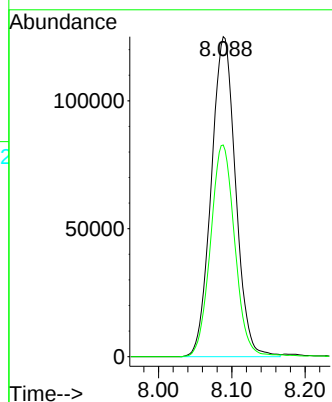
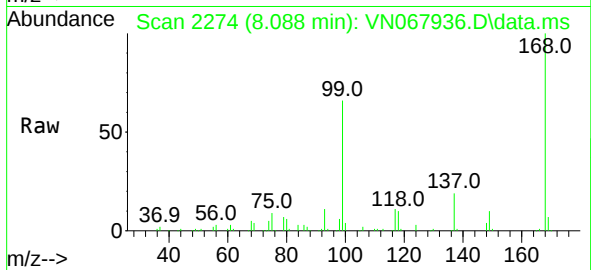
Acq: 27 Jul 2021 18:25

Tgt Ion:168 Resp: 288533

Ion Ratio Lower Upper

168 100

99 66.2 62.9 94.3



#5

Bromomethane

Concen: Below Cal

RT: 2.845 min Scan# 319

Delta R.T. 0.013 min

Lab File: VN067936.D

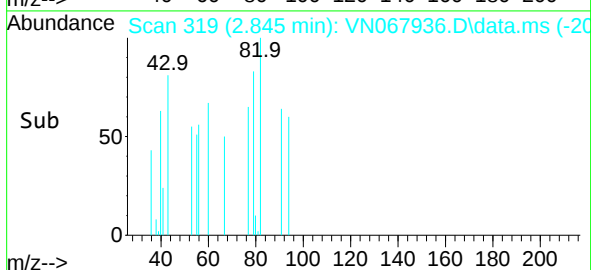
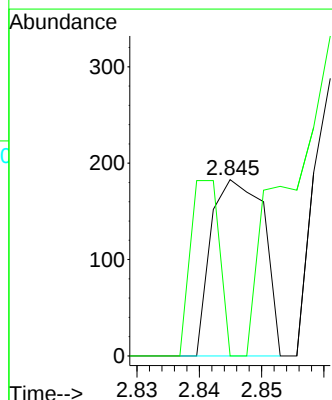
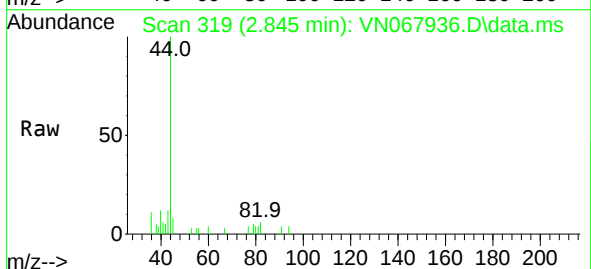
Acq: 27 Jul 2021 18:25

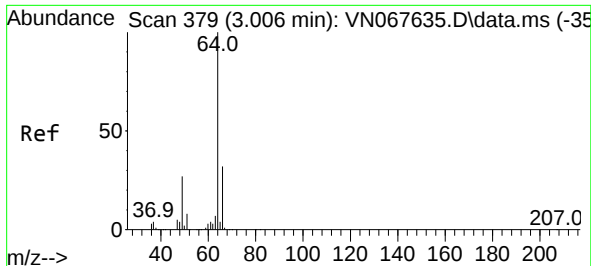
Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

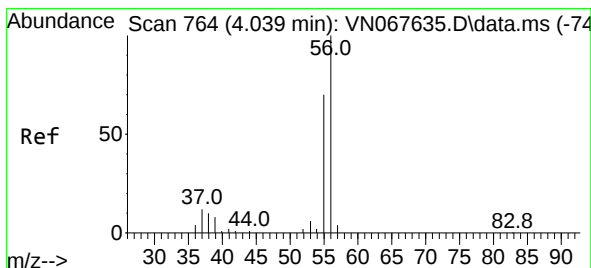
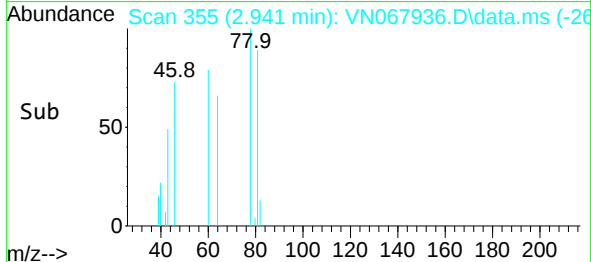
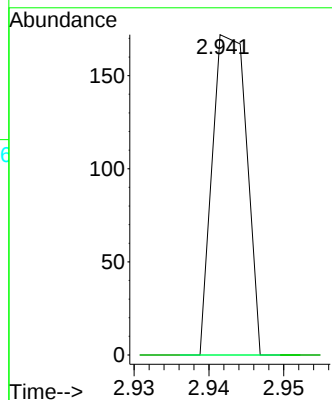
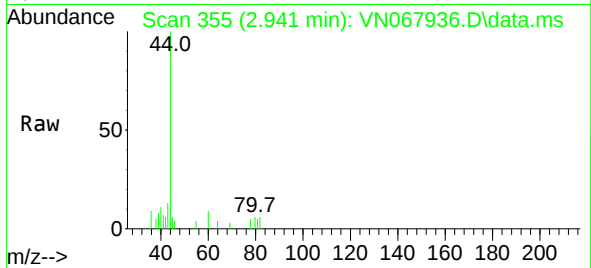




#6
Chloroethane
Concen: Below Cal
RT: 2.941 min Scan# 355
Delta R.T. -0.065 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

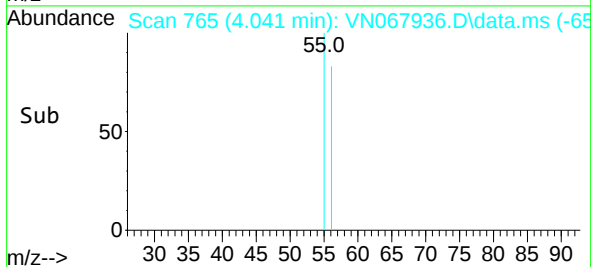
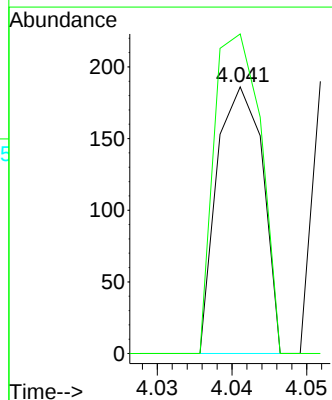
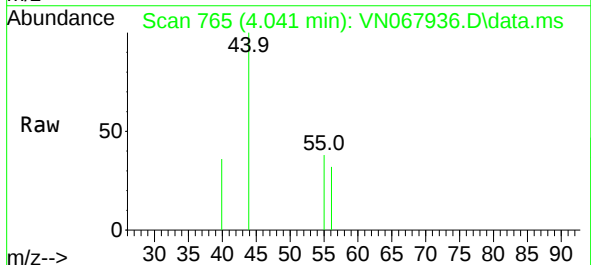
Instrument :
MSVOA_N
ClientSampleId :

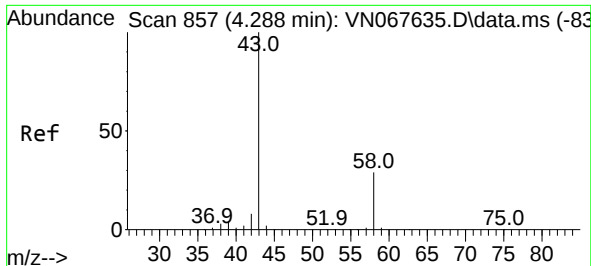
Tgt Ion: 64 Resp: 55
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 122.8 57.4 86.0#

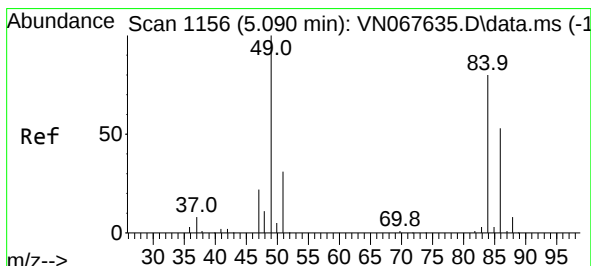
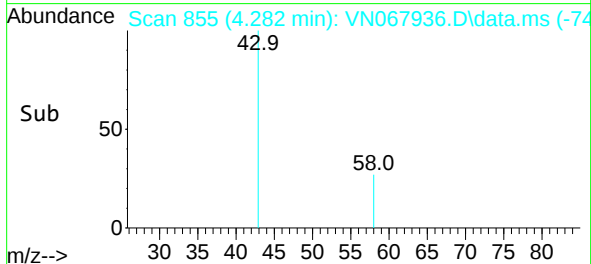
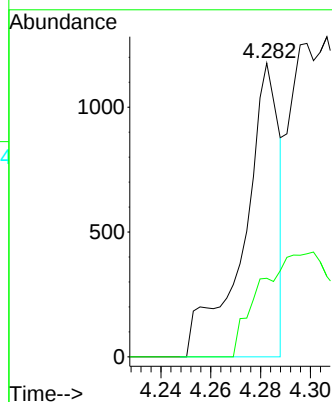
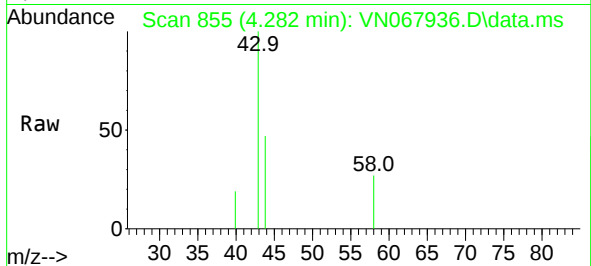




#16
Acetone
Concen: 0.847 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.006 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

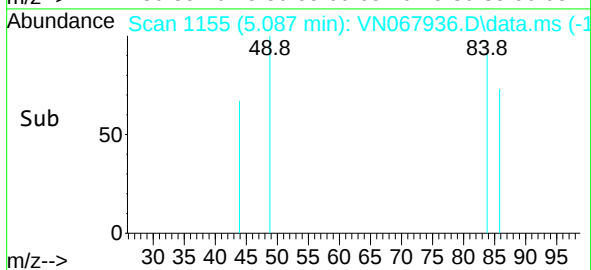
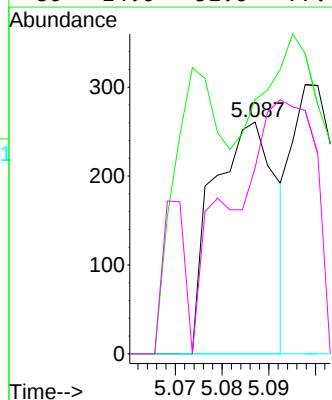
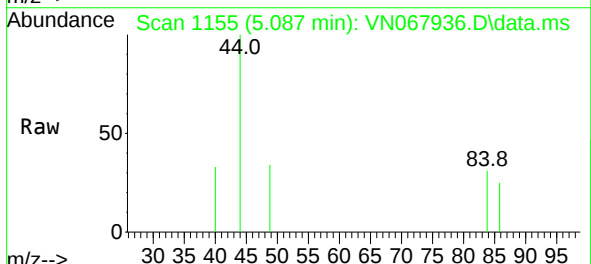
Instrument :
MSVOA_N
ClientSampled :

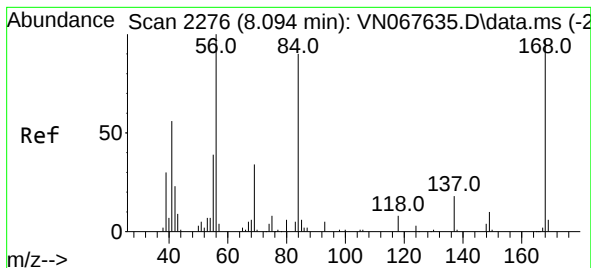
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#20
Methylene Chloride
Concen: Below Cal
RT: 5.087 min Scan# 1155
Delta R.T. -0.003 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion: 84 Resp: 243
Ion Ratio Lower Upper
84 100
49 15.3 110.9 166.3#
51 0.0 32.6 49.0#
86 14.6 51.6 77.4#

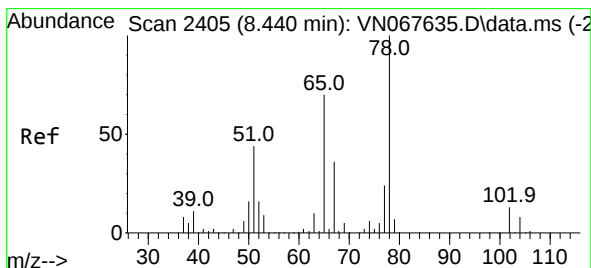
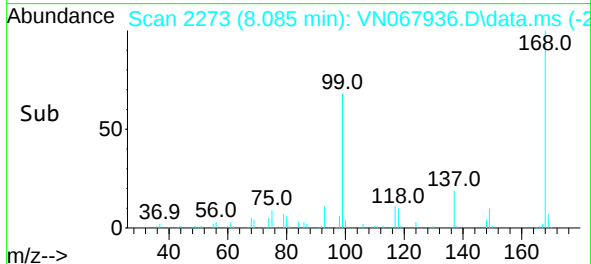
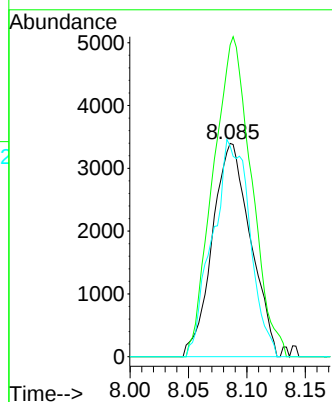
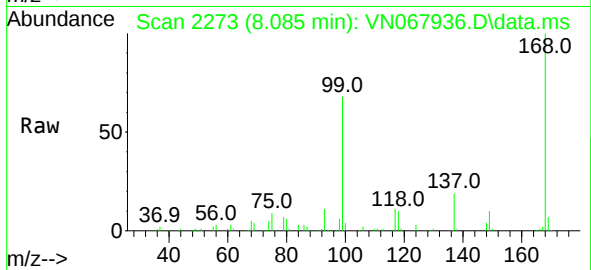




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

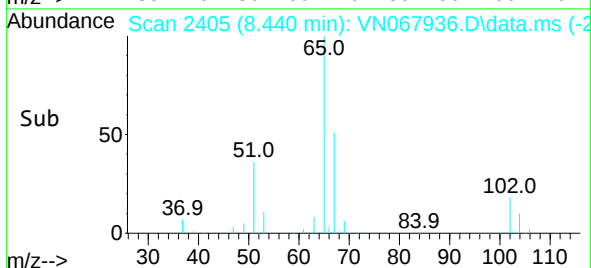
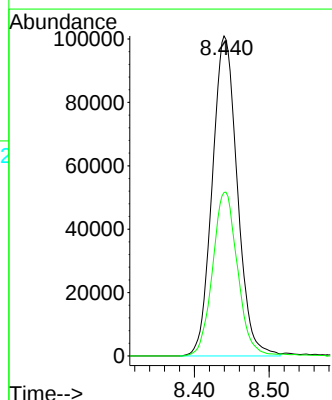
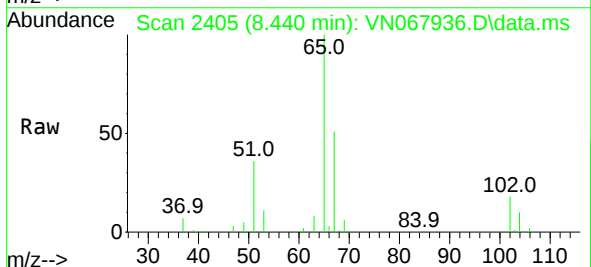
Instrument :
MSVOA_N
ClientSampleId :

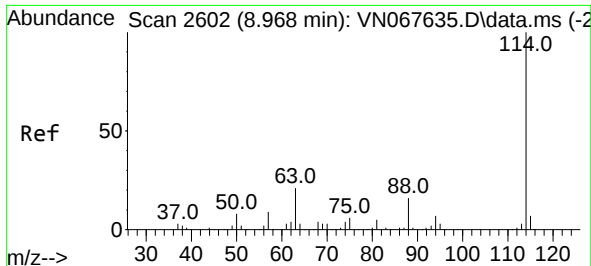
Tgt Ion: 56 Resp: 7712
Ion Ratio Lower Upper
56 100
69 146.1 27.3 40.9#
84 98.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion: 65 Resp: 234604
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

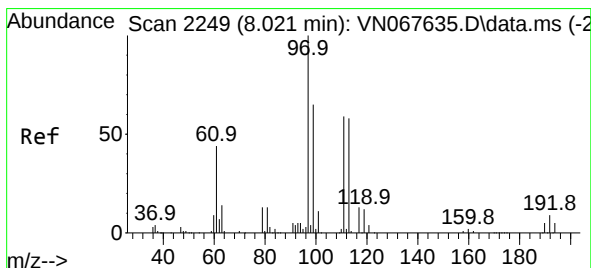
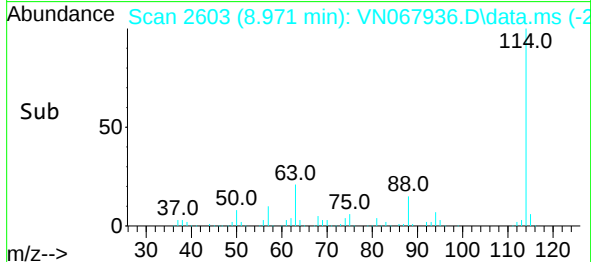
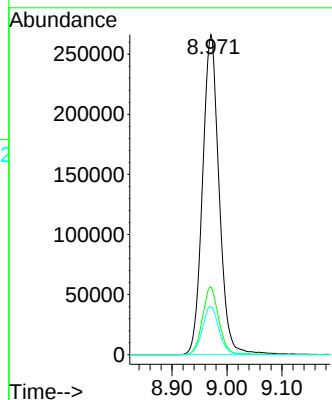
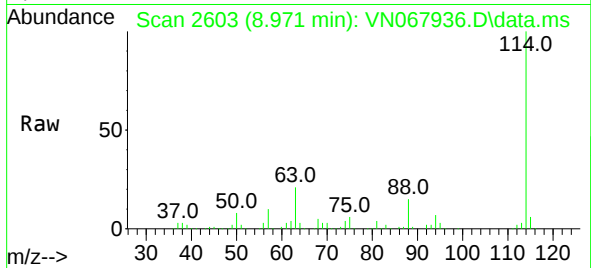




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

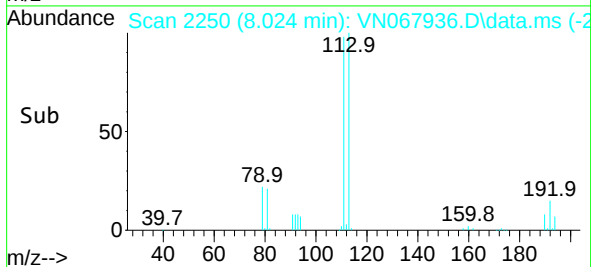
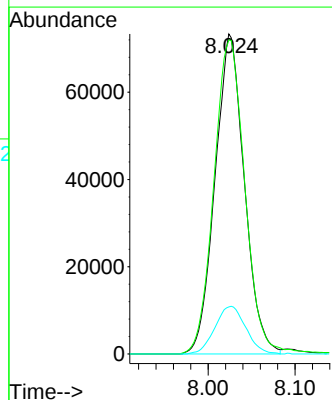
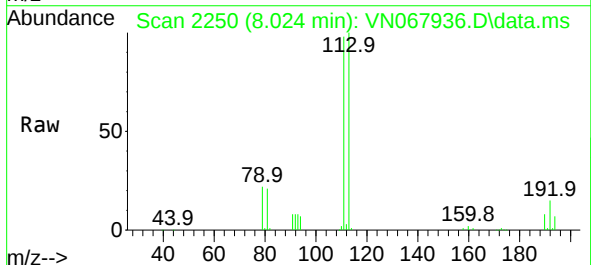
Instrument :
MSVOA_N
ClientSampled :

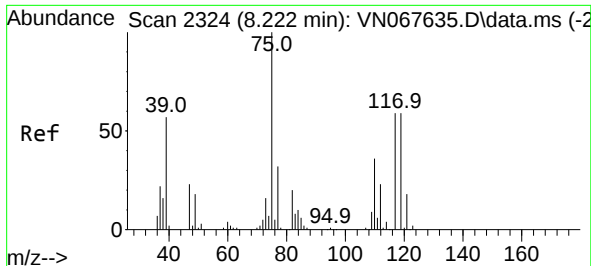
Tgt Ion:114 Resp: 557860
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.860 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

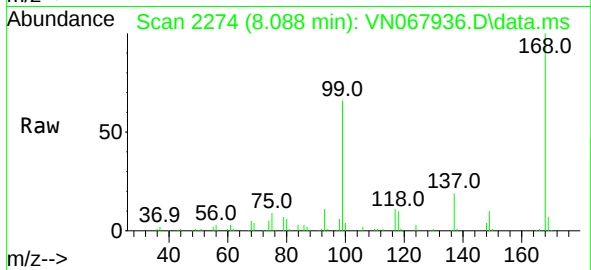
Tgt Ion:113 Resp: 171423
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 15.7 13.4 20.0



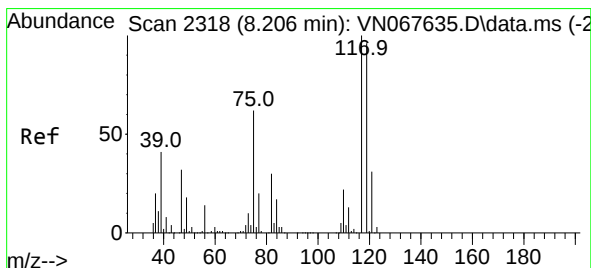
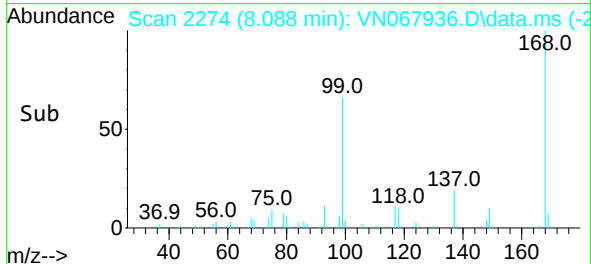
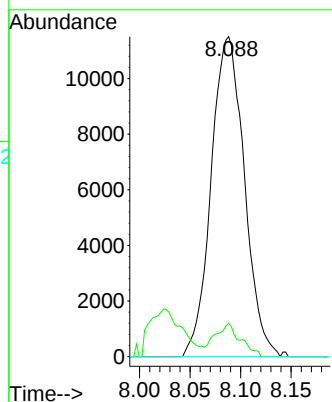


#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Instrument :
MSVOA_N
ClientSampled :

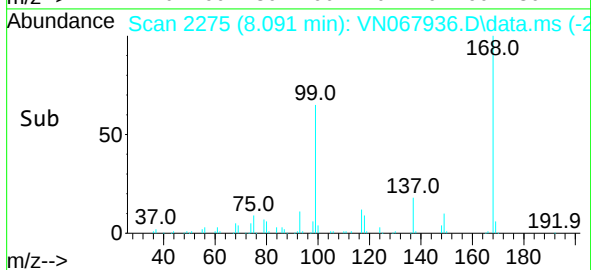
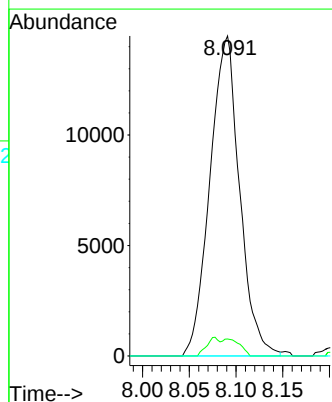
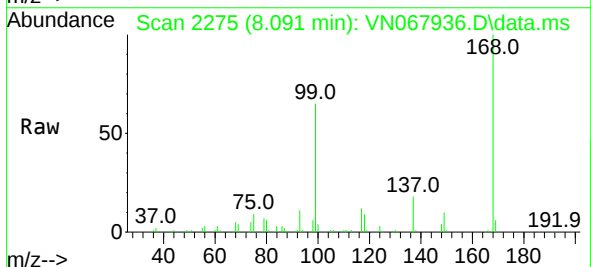


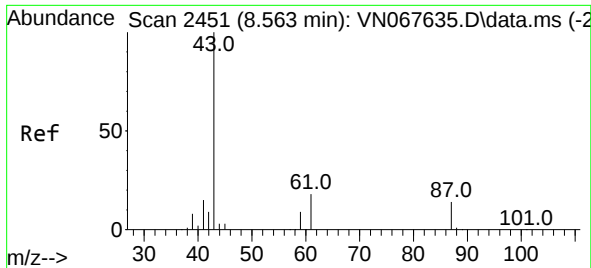
Tgt Ion: 75 Resp: 26297
Ion Ratio Lower Upper
75 100
110 8.0 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion: 117 Resp: 31985
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

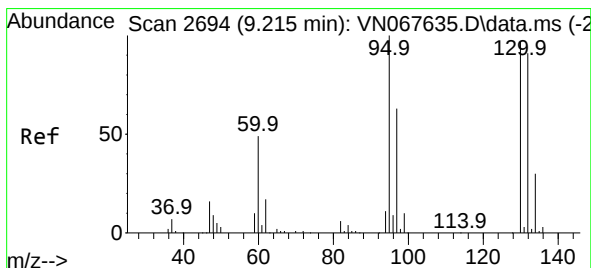
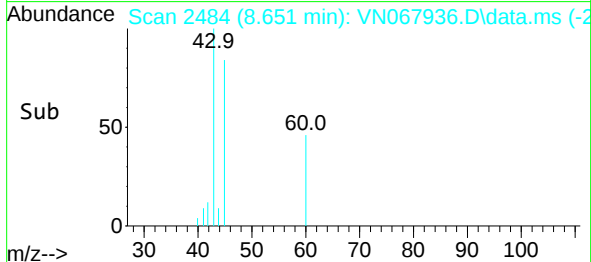
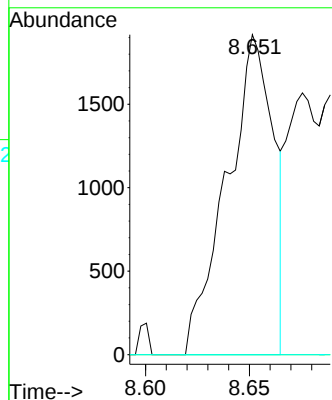
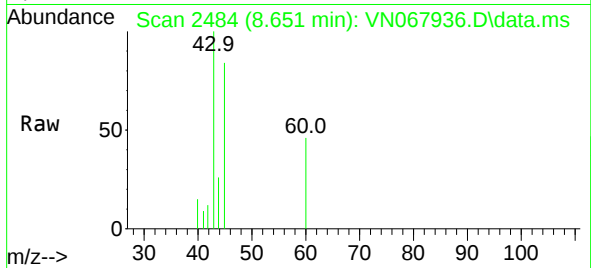




#43
Isopropyl Acetate
Concen: 0.339 ug/l
RT: 8.651 min Scan# 2484
Delta R.T. 0.088 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

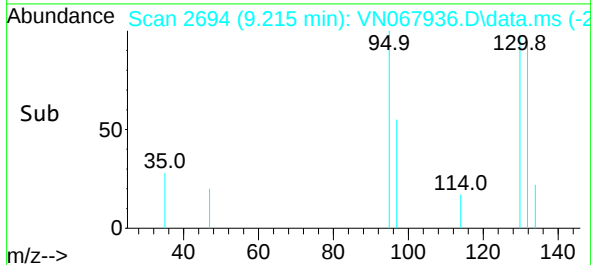
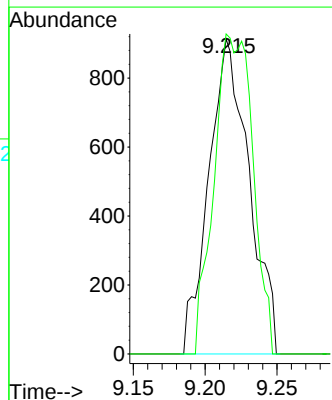
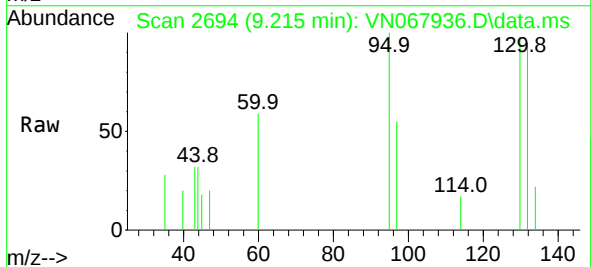
Instrument :
MSVOA_N
ClientSampled :

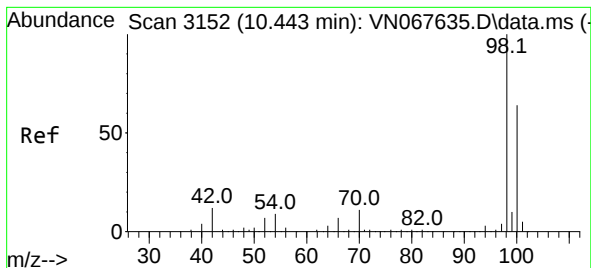
Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.451 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion:130 Resp: 1775
Ion Ratio Lower Upper
130 100
95 101.6 0.0 234.4

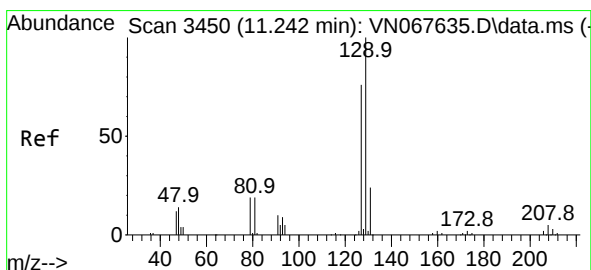
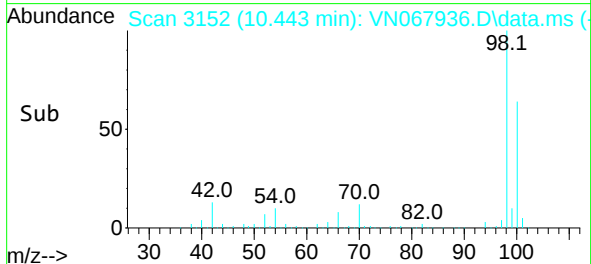
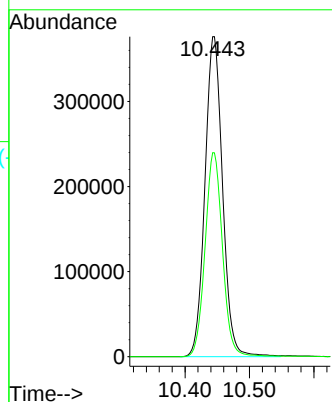
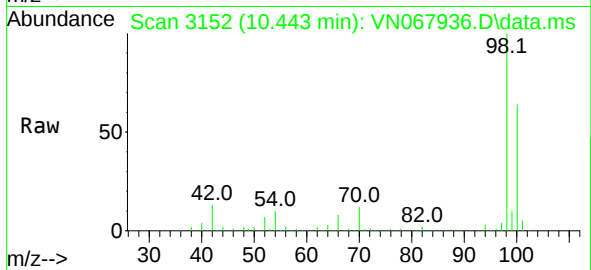




#50
Toluene-d8
Concen: 50.626 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

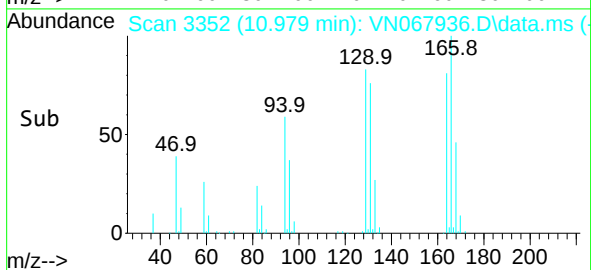
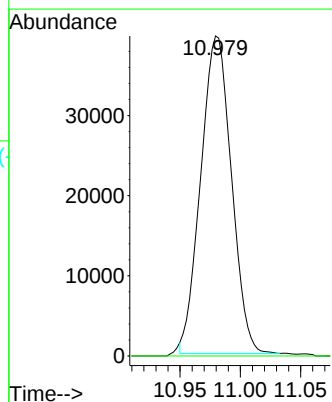
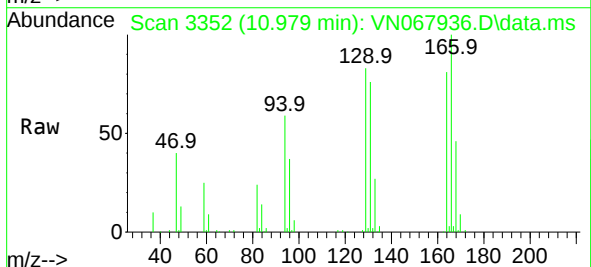
Instrument :
MSVOA_N
ClientSampled :

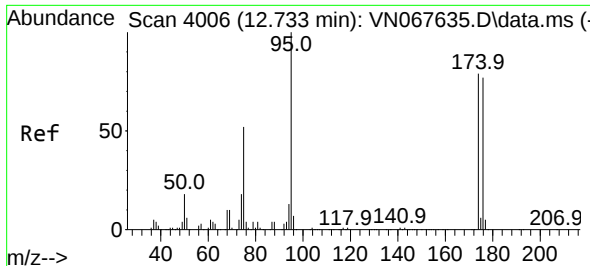
Tgt Ion: 98 Resp: 714228
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#60
Dibromochloromethane
Concen: 16.321 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion:129 Resp: 70039
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

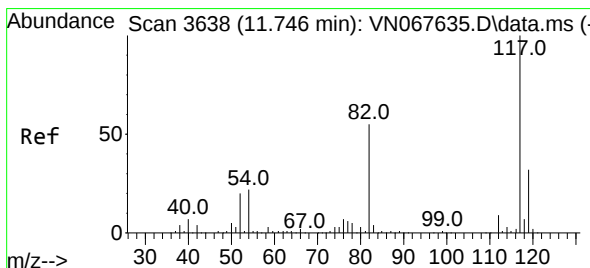
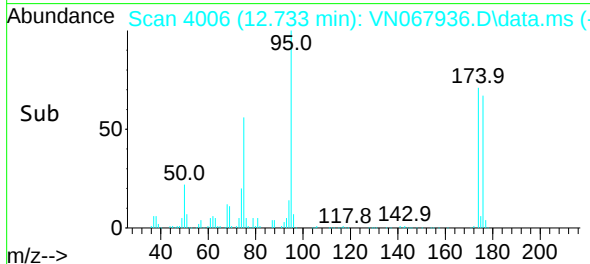
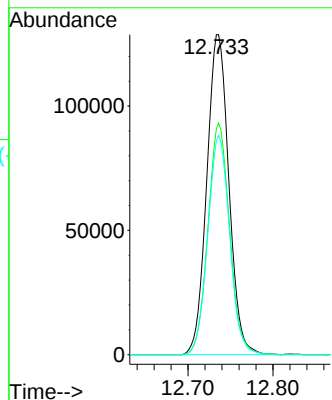
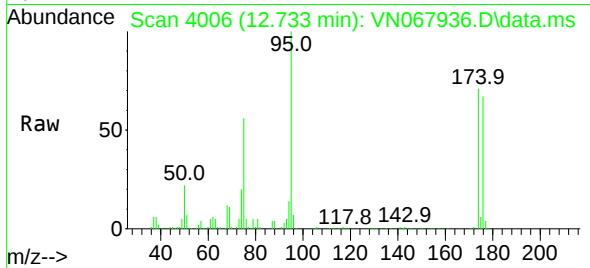




#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

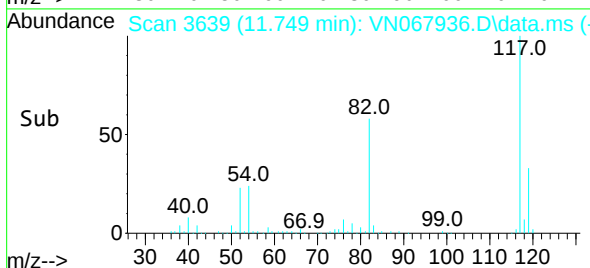
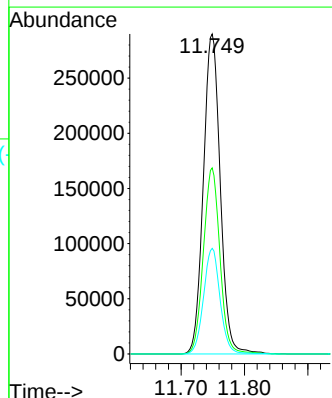
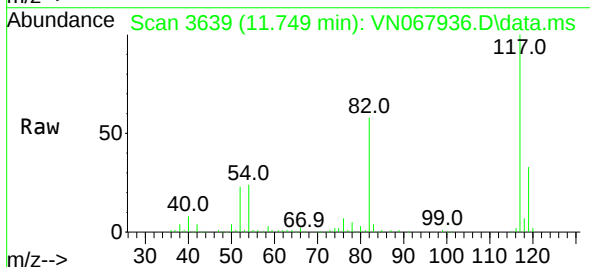
Instrument :
MSVOA_N
ClientSampled :

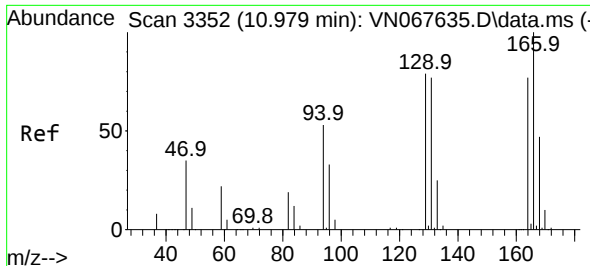
Tgt Ion: 95 Resp: 232427
Ion Ratio Lower Upper
95 100
174 71.1 0.0 122.0
176 67.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion: 117 Resp: 537536
Ion Ratio Lower Upper
117 100
82 58.2 53.1 79.7
119 33.0 25.5 38.3



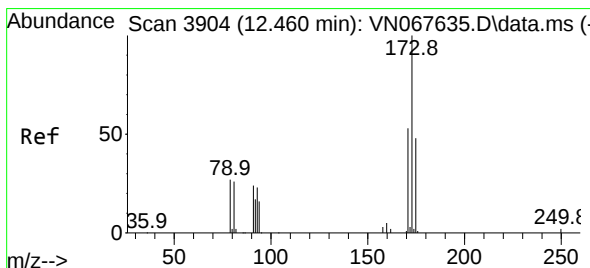
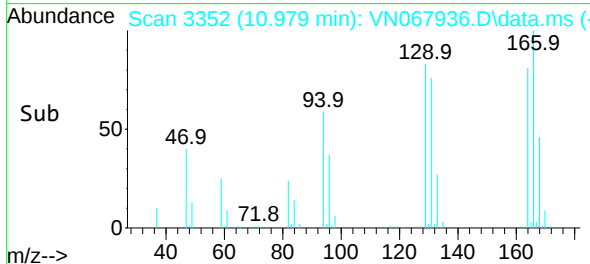
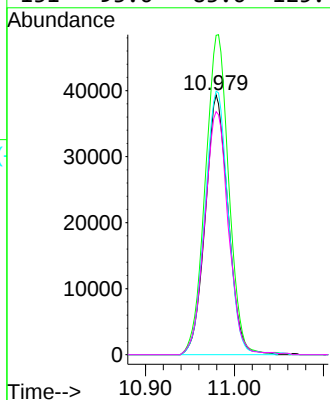
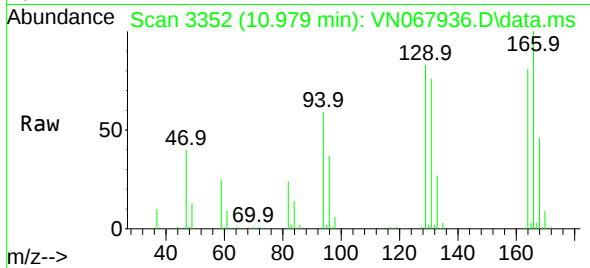


#64
Tetrachloroethene
Concen: 18.426 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:164 Resp: 69915

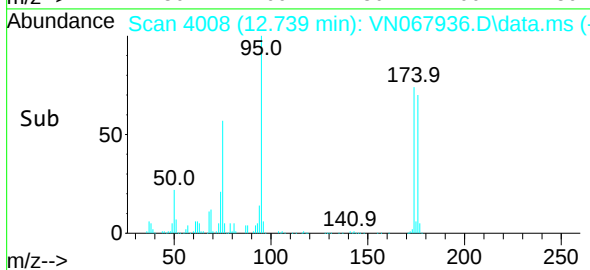
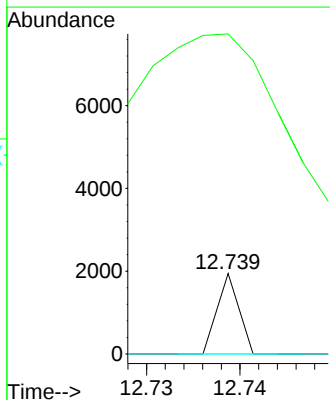
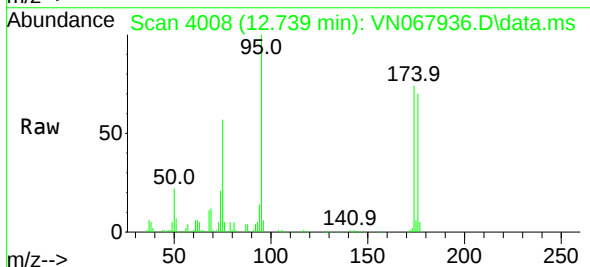
Ion	Ratio	Lower	Upper
164	100		
166	123.0	102.1	153.1
129	101.5	86.9	130.3
131	93.6	83.6	125.4

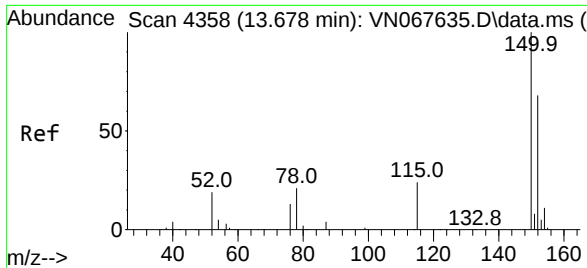


#71
Bromoform
Concen: 3.261 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Tgt Ion:173 Resp: 313

Ion	Ratio	Lower	Upper
173	100		
175	3803.8	23.9	71.8#
254	0.0	0.0	0.0

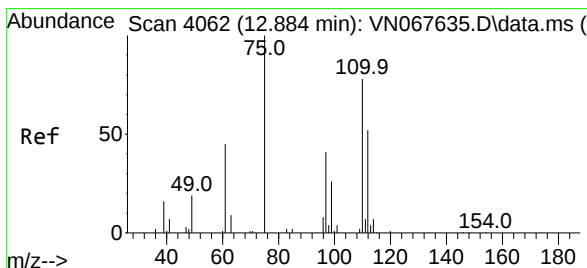
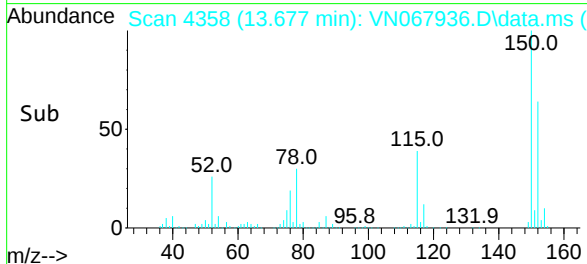
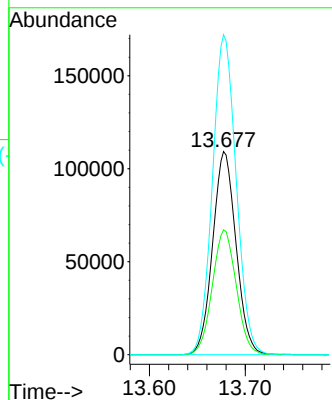
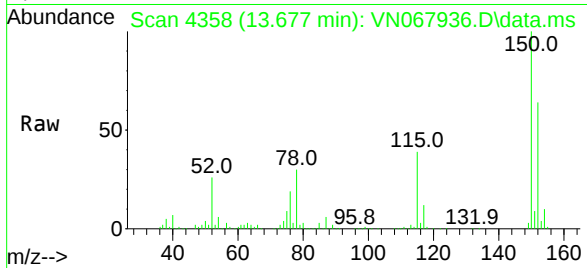




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

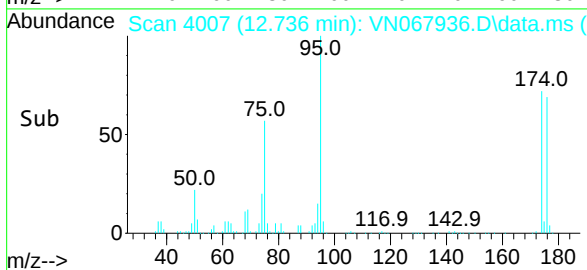
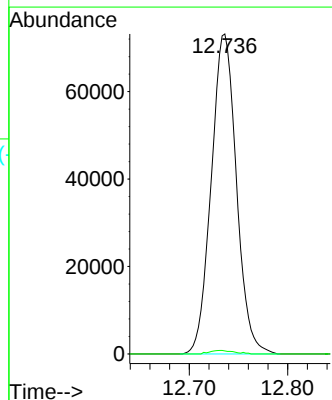
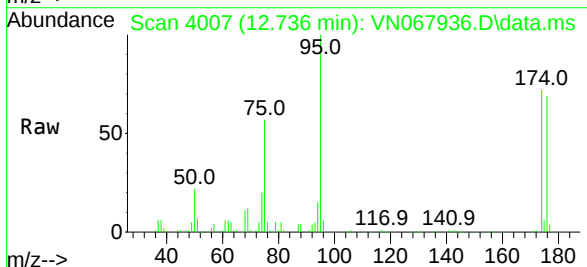
Instrument :
MSVOA_N
ClientSampleId :

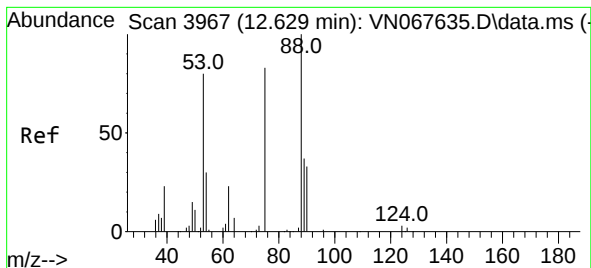
Tgt Ion:152 Resp: 185009
Ion Ratio Lower Upper
152 100
115 63.0 36.1 108.5
150 160.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 34.460 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

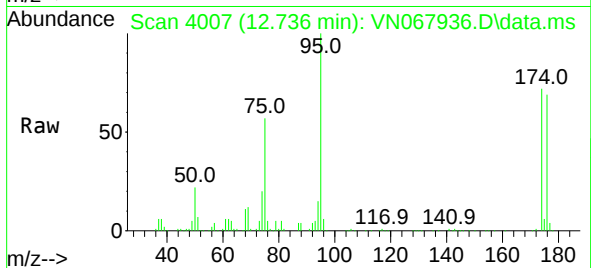
Tgt Ion: 75 Resp: 130197
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



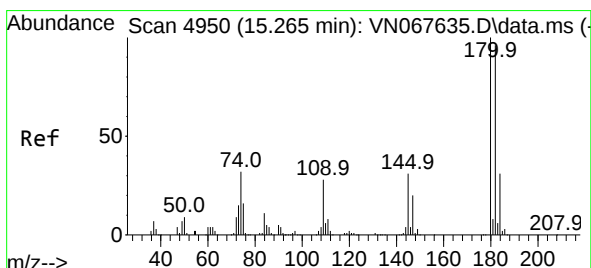
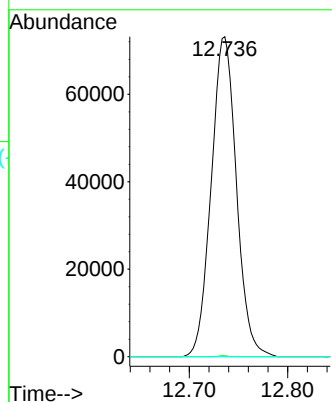
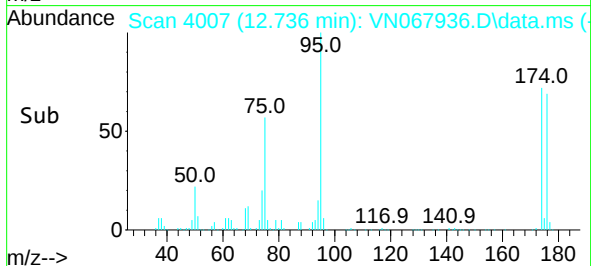


#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.102 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. 0.107 min
 Lab File: VN067936.D
 Acq: 27 Jul 2021 18:25

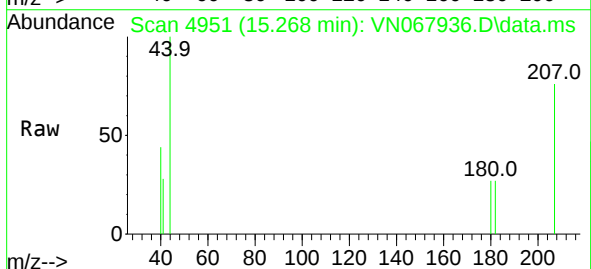
Instrument :
 MSVOA_N
 ClientSampled :



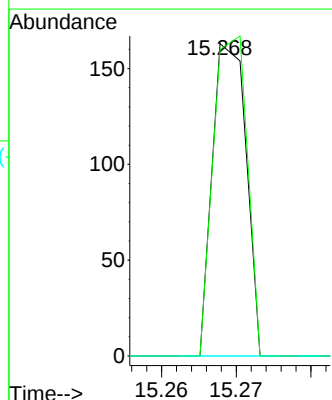
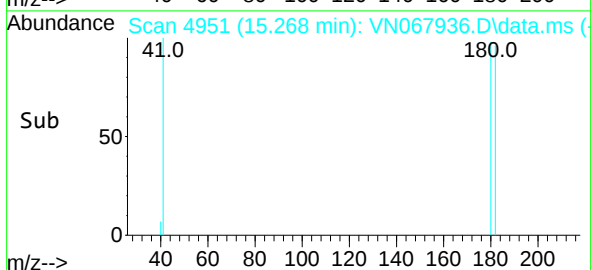
Tgt Ion: 75 Resp: 130197
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.6 131.4#
 89 0.0 37.8 56.8#

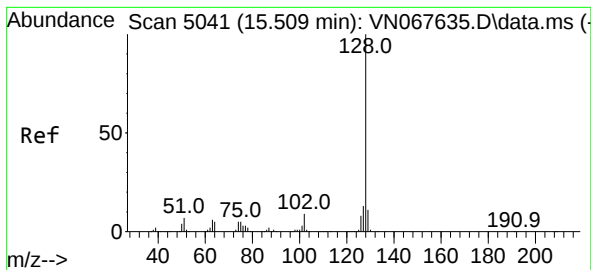


#93
 1,2,4-Trichlorobenzene
 Concen: 2.690 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN067936.D
 Acq: 27 Jul 2021 18:25



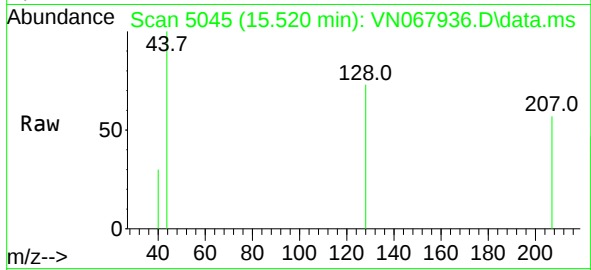
Tgt Ion: 180 Resp: 51
 Ion Ratio Lower Upper
 180 100
 182 103.9 47.5 142.5
 145 0.0 17.2 51.6#





#95
Naphthalene
Concen: 3.090 ug/l
RT: 15.520 min Scan# 5045
Delta R.T. 0.011 min
Lab File: VN067936.D
Acq: 27 Jul 2021 18:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 749
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

