

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067350.D
 Acq On : 15 Jun 2021 16:48
 Operator : JC/MD
 Sample : M2678-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:39:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

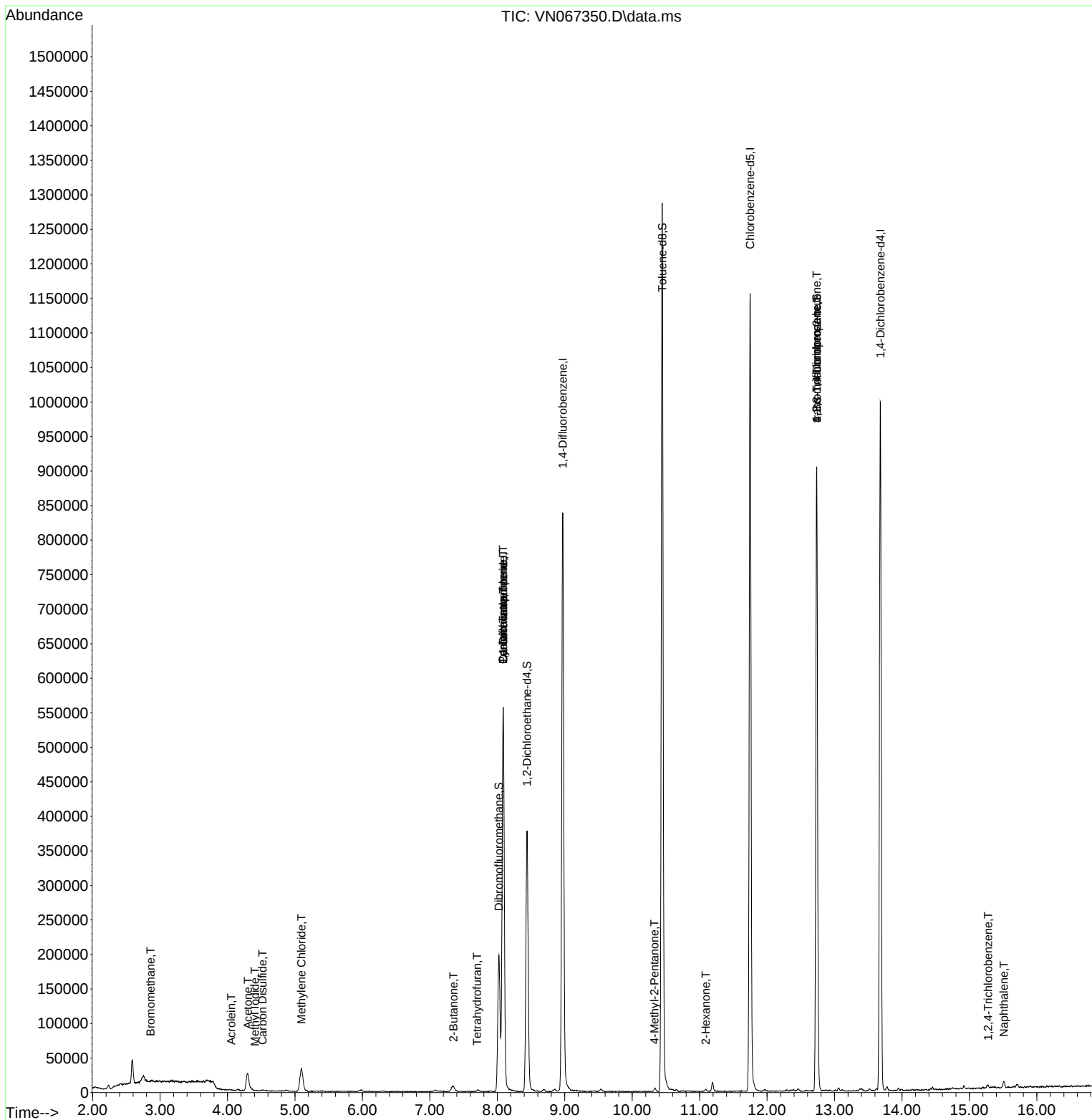
Internal Standards						
1) Pentafluorobenzene	8.086	168	354753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	671282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	607378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	236593	50.000	ug/l	0.00

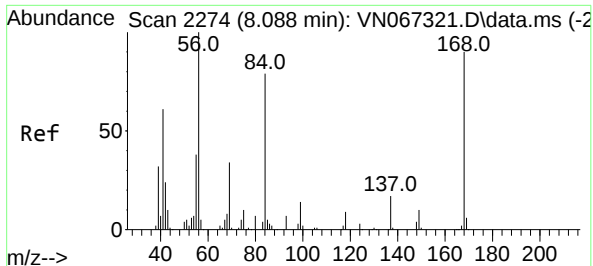
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338696	48.397	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.800%
35) Dibromofluoromethane	8.024	113	140522	31.475	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	62.960%#
50) Toluene-d8	10.446	98	876024	51.194	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.736	95	335127	47.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.920%

Target Compounds				Qvalue		
5) Bromomethane	2.861	94	648	0.289	ug/l #	66
10) Methyl Iodide	4.406	142	52	6.754	ug/l #	1
13) Acrolein	4.055	56	1053	1.464	ug/l #	14
16) Acetone	4.301	43	49387	18.390	ug/l	99
17) Carbon Disulfide	4.519	76	3374	0.246	ug/l #	74
20) Methylene Chloride	5.095	84	25339	4.535	ug/l	98
25) 2-Butanone	7.351	43	9068	2.363	ug/l	98
29) Tetrahydrofuran	7.699	42	724	0.299	ug/l #	38
31) Cyclohexane	8.086	56	12381	1.301	ug/l #	23
36) 1,1-Dichloropropene	8.086	75	40183	5.340	ug/l #	51
38) Carbon Tetrachloride	8.086	117	44730	5.530	ug/l #	17
51) 4-Methyl-2-Pentanone	10.330	43	3201	0.389	ug/l	97
59) 2-Hexanone	11.092	43	2242	0.371	ug/l	90
76) 1,2,3-Trichloropropane	12.736	75	195854	31.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	195854	79.003	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.279	180	1164	0.282	ug/l	73
95) Naphthalene	15.509	128	7436	3.098	ug/l	98

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

Quant Time: Jun 16 02:39:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

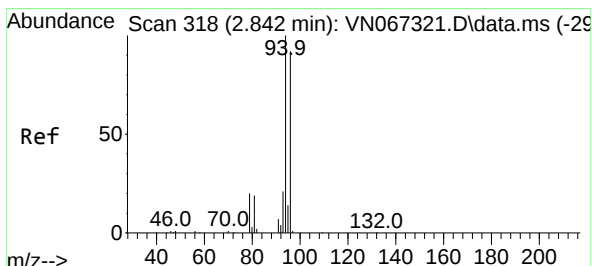
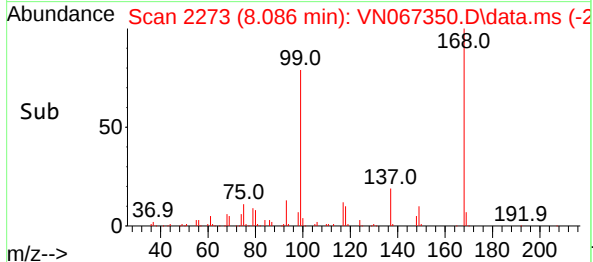
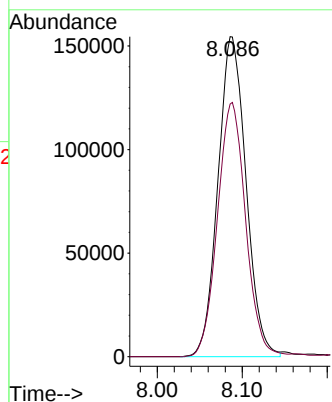
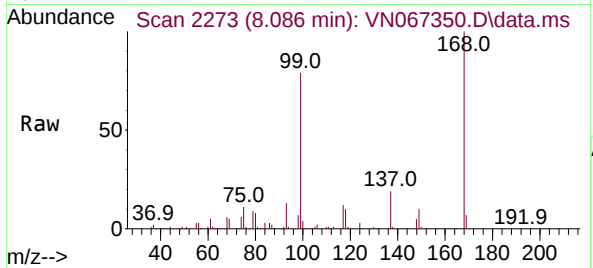




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

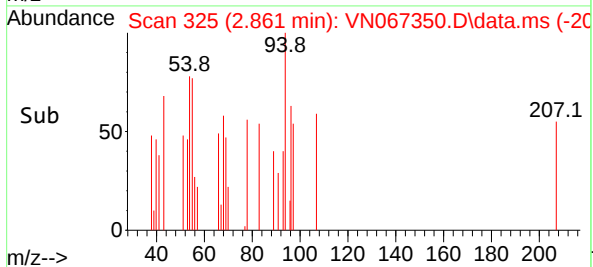
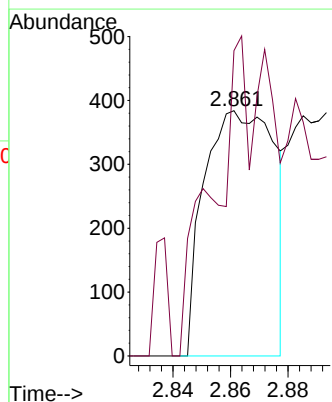
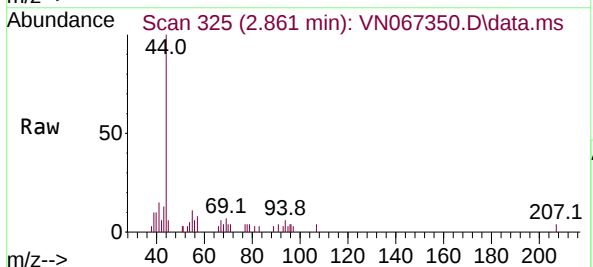
Instrument :
MSVOA_N
ClientSampleId :

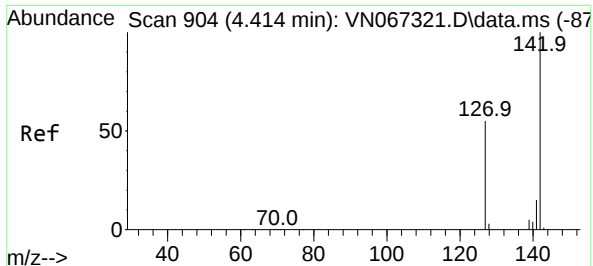
Tgt Ion:168 Resp: 354753
Ion Ratio Lower Upper
168 100
99 78.9 62.9 94.3



#5
Bromomethane
Concen: 0.289 ug/l
RT: 2.861 min Scan# 325
Delta R.T. 0.019 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

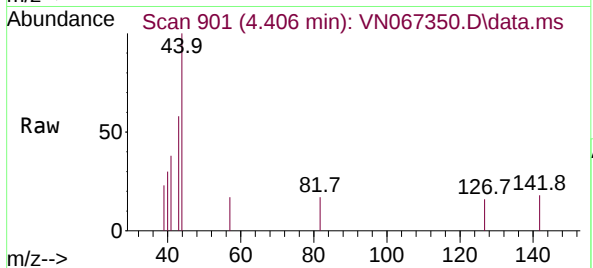
Tgt Ion: 94 Resp: 648
Ion Ratio Lower Upper
94 100
96 124.5 73.7 110.5#



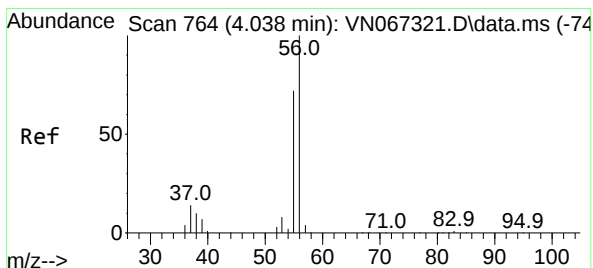
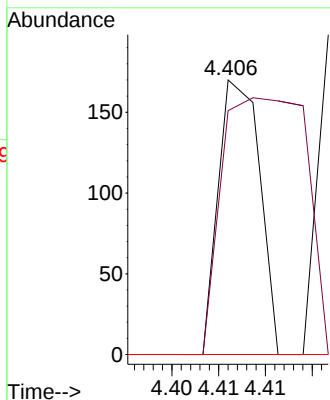
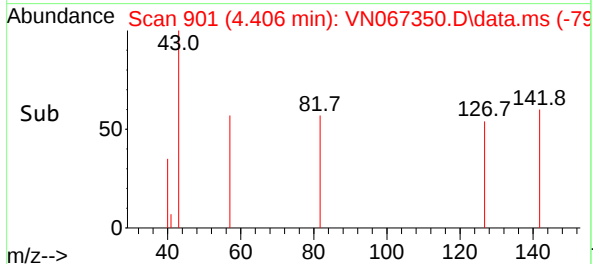


#10
Methyl Iodide
Concen: 6.754 ug/l
RT: 4.406 min Scan# 901
Delta R.T. -0.008 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

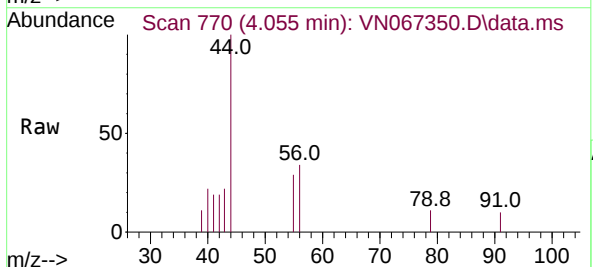
Instrument :
MSVOA_N
ClientSampled :



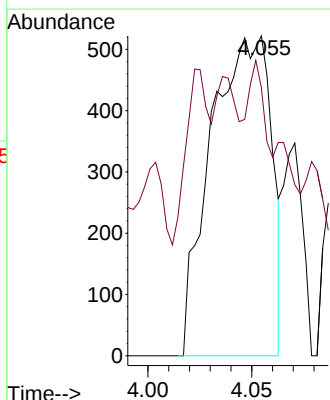
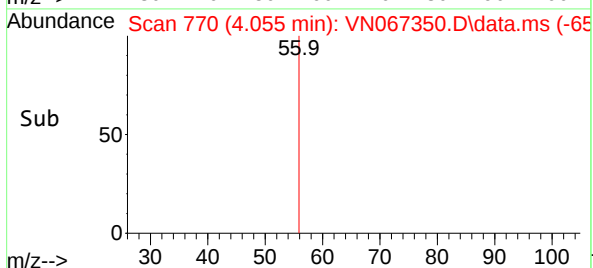
Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 192.3 43.1 64.7#
141 0.0 11.4 17.0#

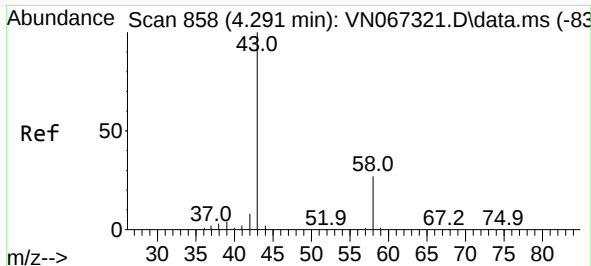


#13
Acrolein
Concen: 1.464 ug/l
RT: 4.055 min Scan# 770
Delta R.T. 0.017 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48



Tgt Ion: 56 Resp: 1053
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

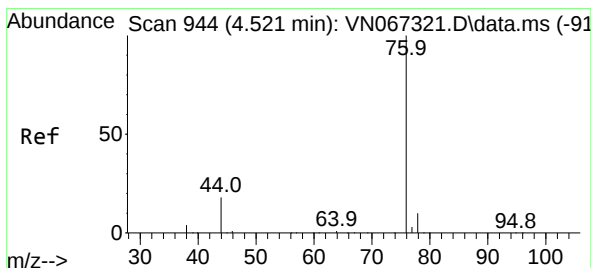
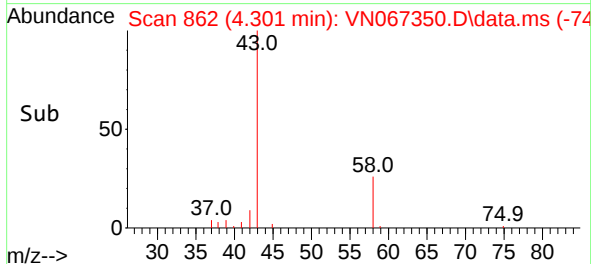
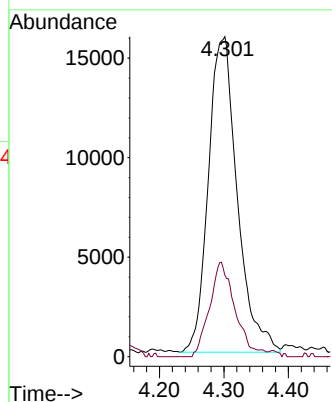
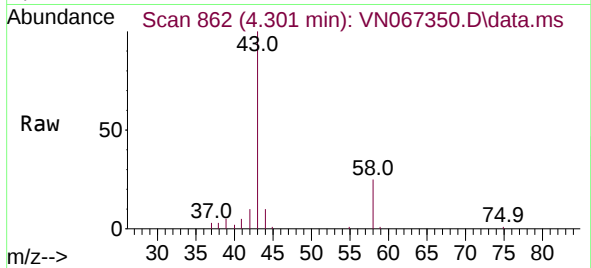




#16
Acetone
Concen: 18.390 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

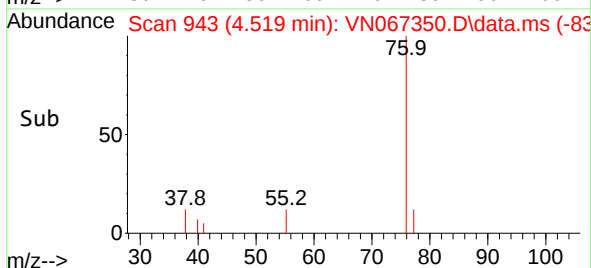
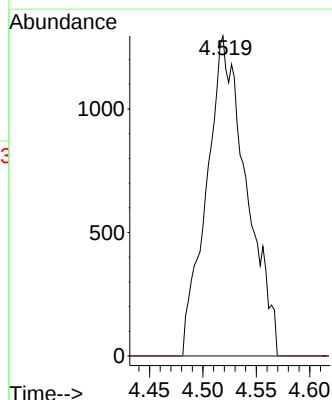
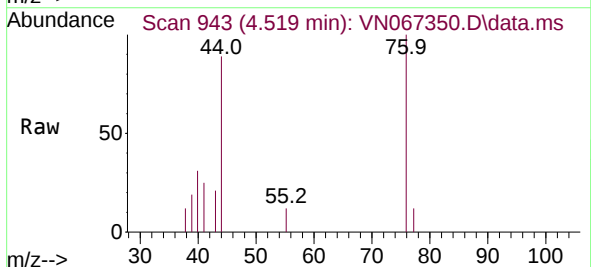
Instrument :
MSVOA_N
ClientSampled :

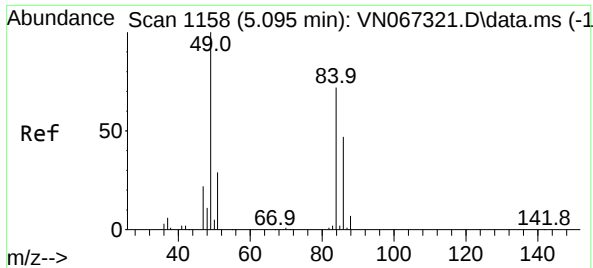
Tgt Ion: 43 Resp: 49387
Ion Ratio Lower Upper
43 100
58 25.8 21.2 31.8



#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.002 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

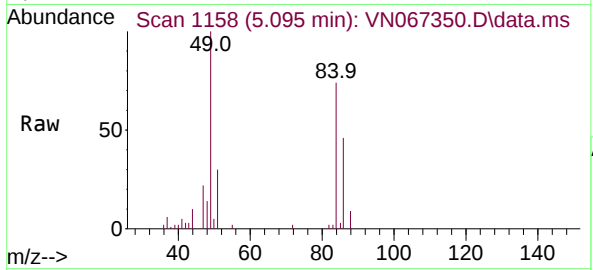
Tgt Ion: 76 Resp: 3374
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



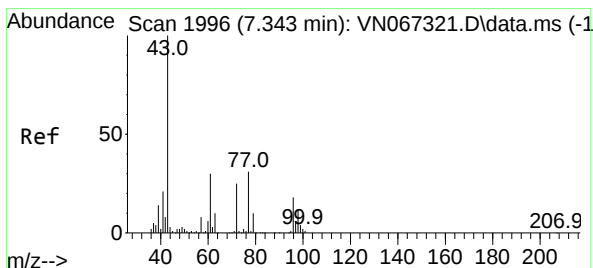
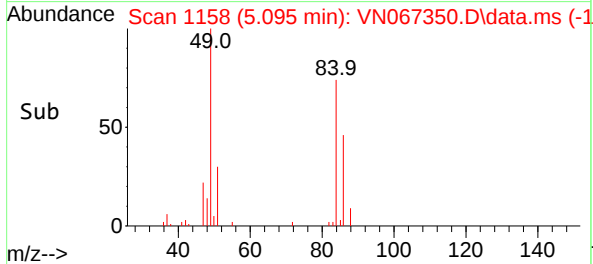
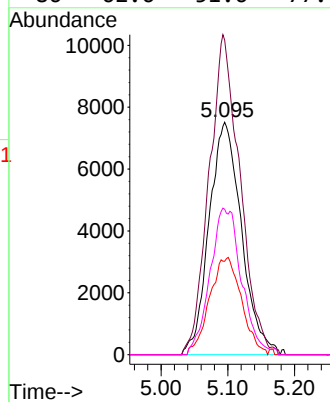


#20
Methylene Chloride
Concen: 4.535 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Instrument :
MSVOA_N
ClientSampled :

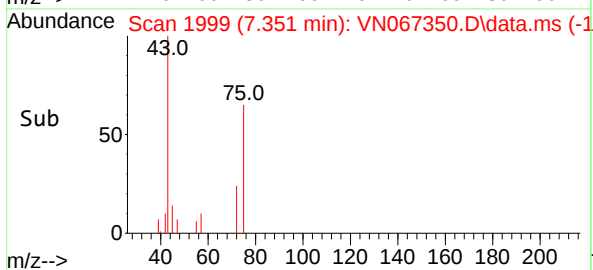
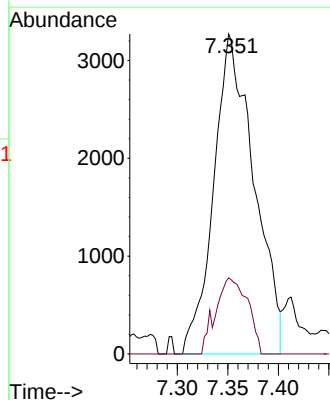
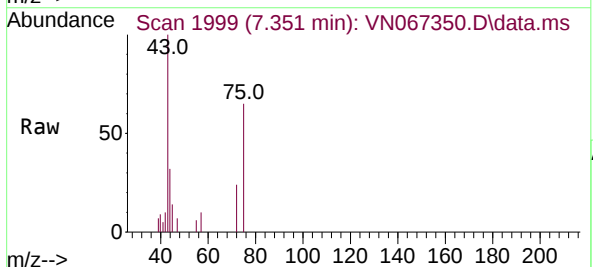


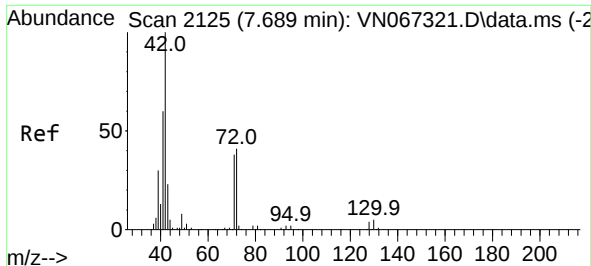
Tgt Ion:	84	Resp:	25339
Ion	Ratio	Lower	Upper
84	100		
49	135.3	110.9	166.3
51	40.2	32.6	49.0
86	62.6	51.6	77.4



#25
2-Butanone
Concen: 2.363 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Tgt Ion:	43	Resp:	9068
Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.7	29.5





#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 7.699 min Scan# 2129

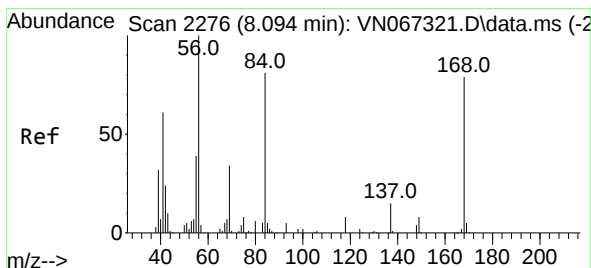
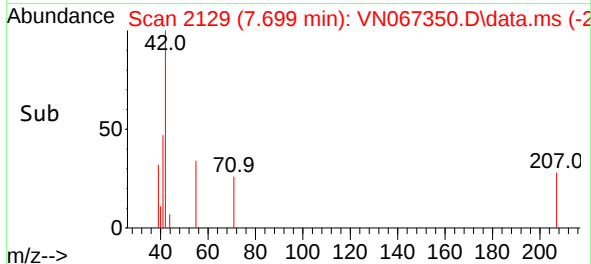
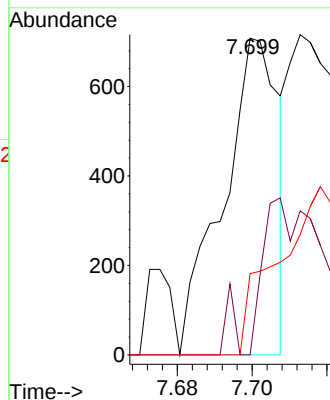
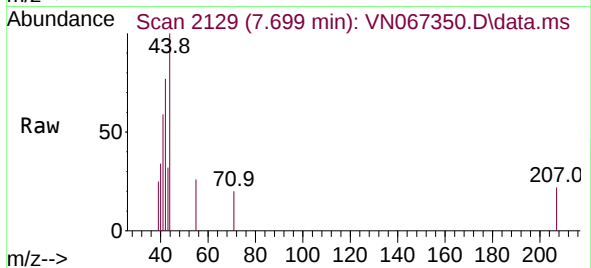
Delta R.T. 0.010 min

Lab File: VN067350.D

Acq: 15 Jun 2021 16:48

Tgt Ion:	42	Resp:	724
Ion	Ratio	Lower	Upper
42	100		
72	3.6	32.8	49.2#
71	0.0	31.2	46.8#

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 1.301 ug/l

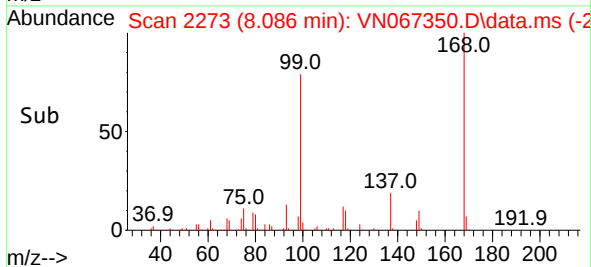
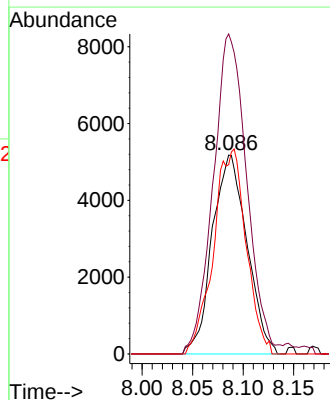
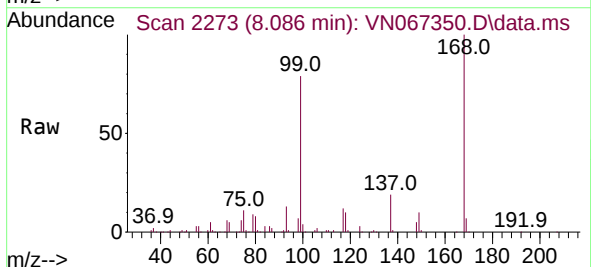
RT: 8.086 min Scan# 2273

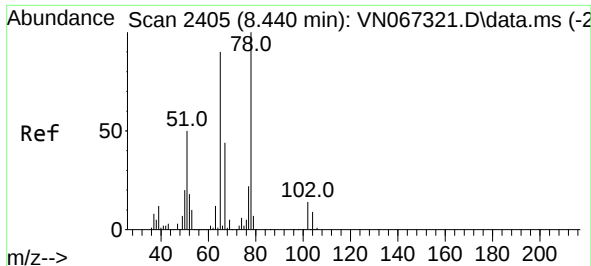
Delta R.T. -0.008 min

Lab File: VN067350.D

Acq: 15 Jun 2021 16:48

Tgt Ion:	56	Resp:	12381
Ion	Ratio	Lower	Upper
56	100		
69	160.9	27.3	40.9#
84	95.2	64.9	97.3



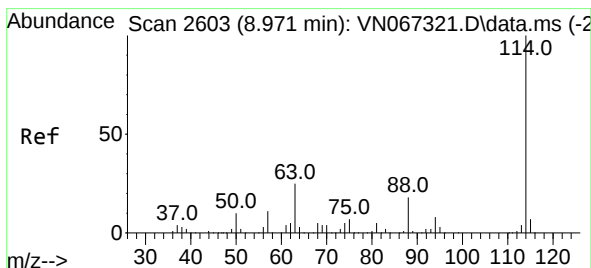
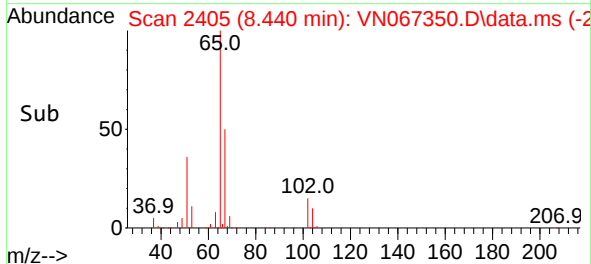
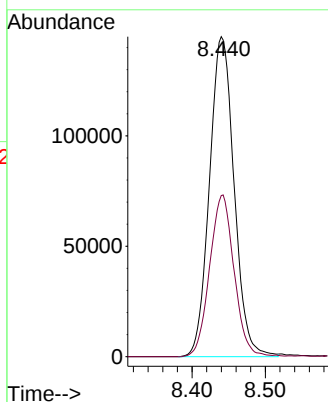
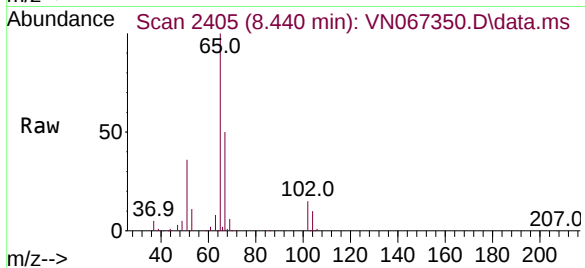


#33

1,2-Dichloroethane-d4
Concen: 48.397 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :

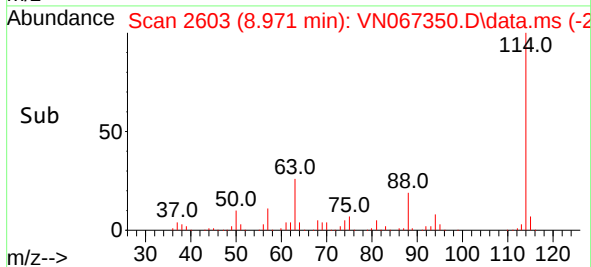
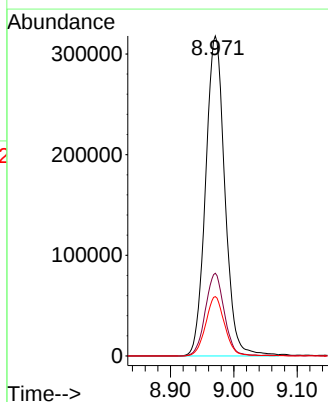
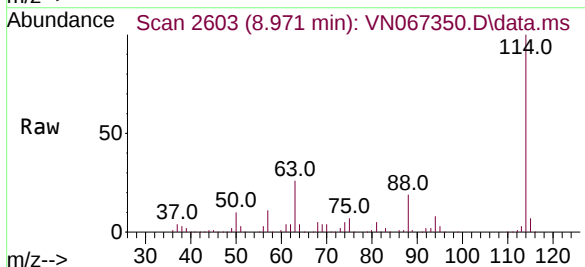
Tgt Ion: 65 Resp: 338696
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.6

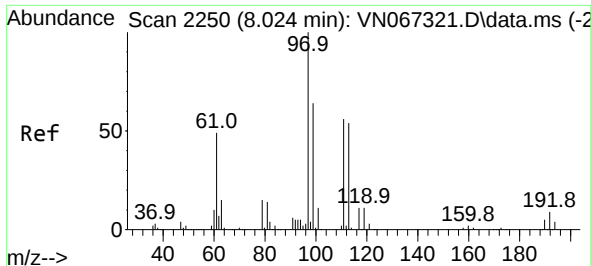


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Tgt Ion: 114 Resp: 671282
Ion Ratio Lower Upper
114 100
63 25.9 0.0 49.0
88 18.6 0.0 36.6

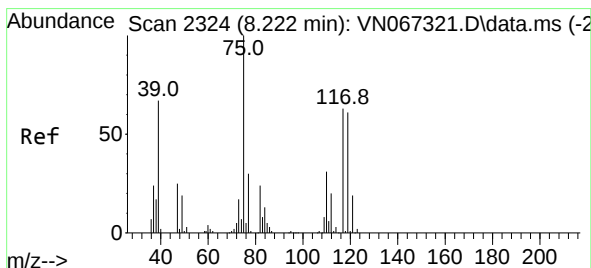
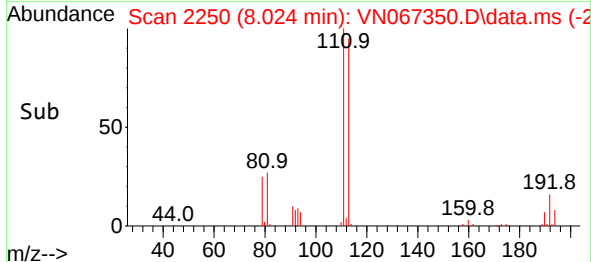
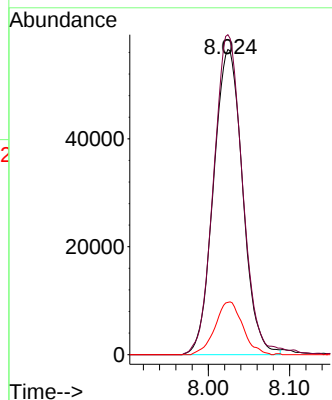
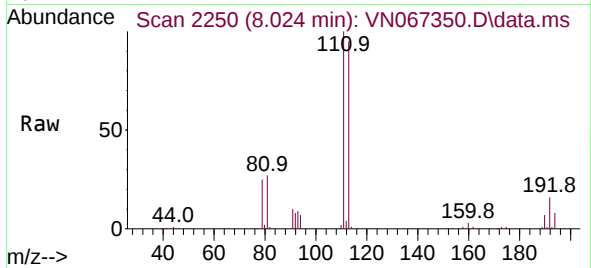




#35
Dibromofluoromethane
Concen: 31.475 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

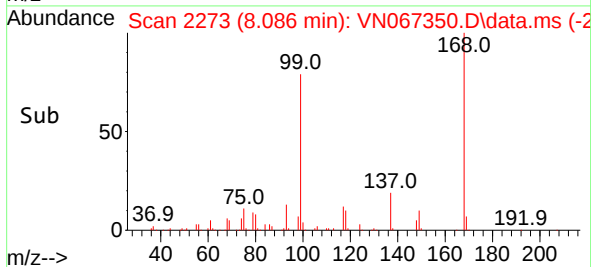
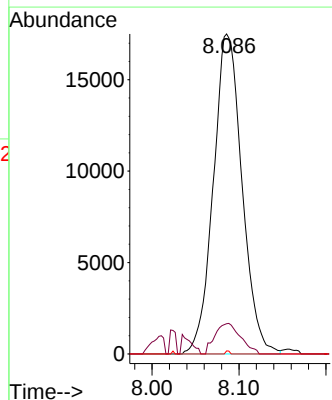
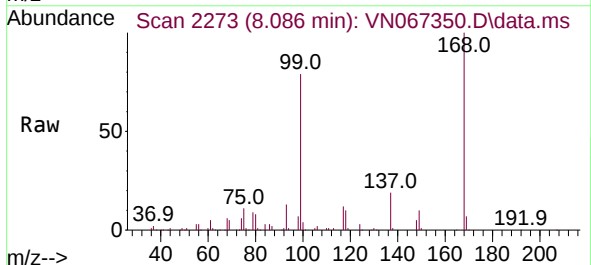
Instrument :
MSVOA_N
ClientSampleId :

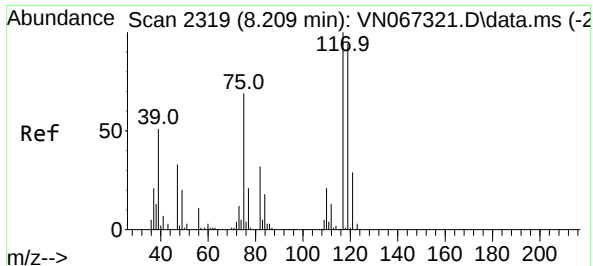
Tgt Ion:113 Resp: 140522
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Tgt Ion: 75 Resp: 40183
Ion Ratio Lower Upper
75 100
110 8.5 15.7 47.0#
77 0.1 24.6 37.0#

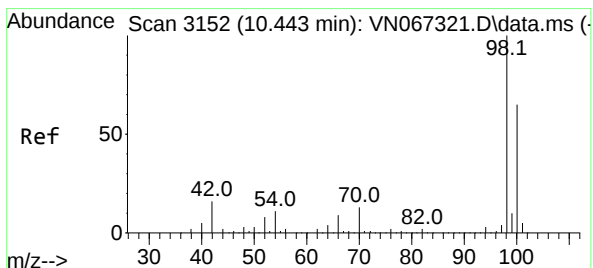
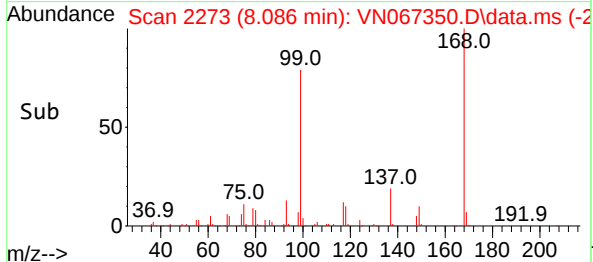
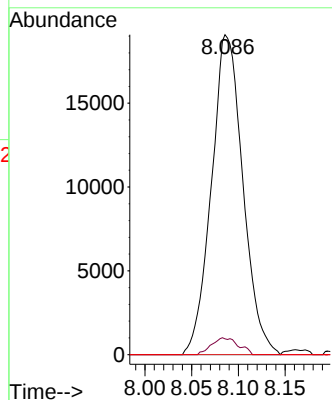
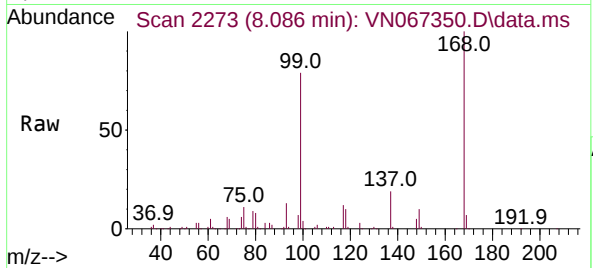




#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

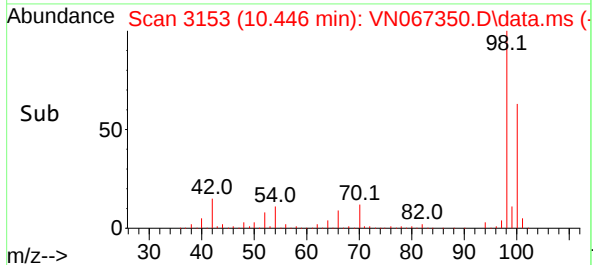
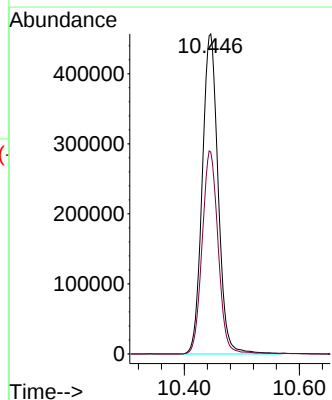
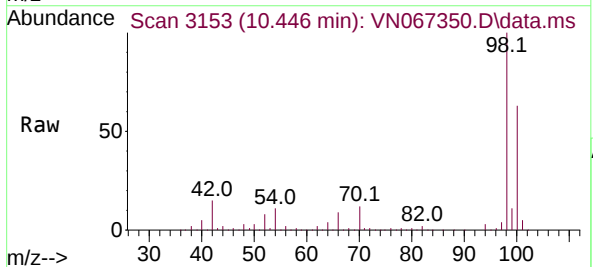
Instrument :
MSVOA_N
ClientSampled :

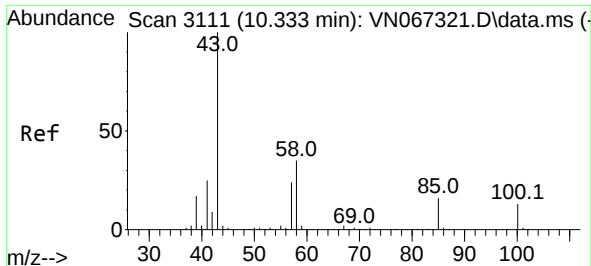
Tgt Ion:117 Resp: 44730
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 51.194 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Tgt Ion: 98 Resp: 876024
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

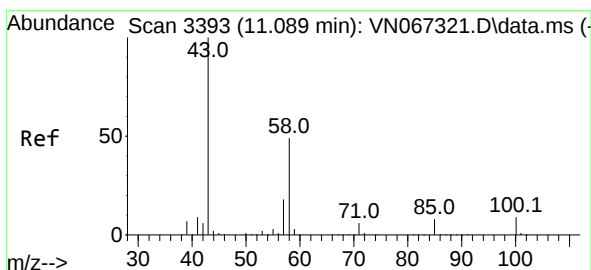
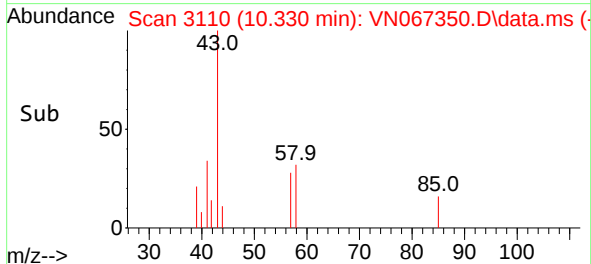
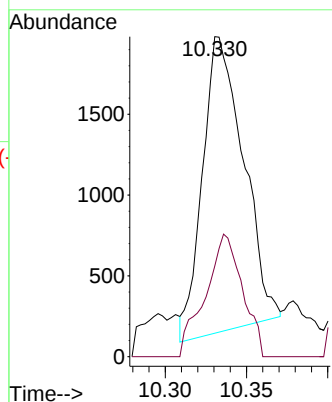
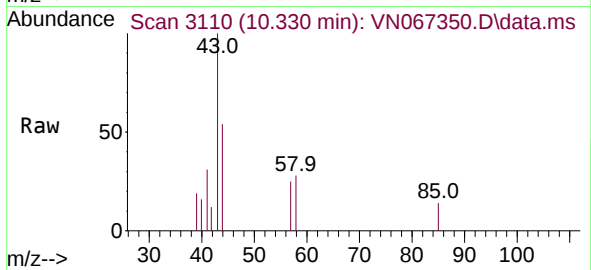




#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

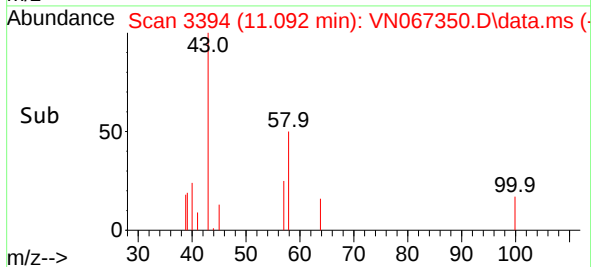
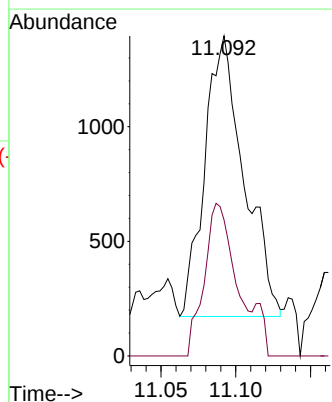
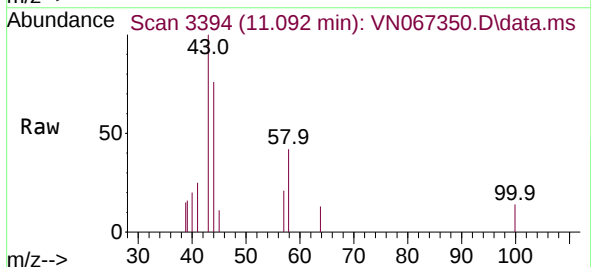
Instrument :
MSVOA_N
ClientSampled :

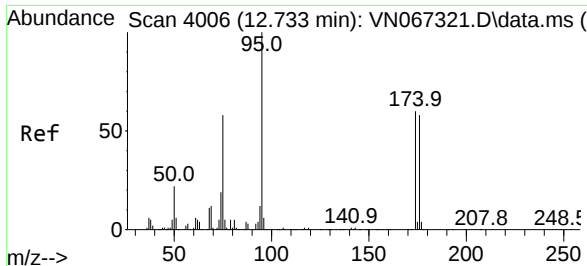
Tgt Ion: 43 Resp: 3201
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0



#59
2-Hexanone
Concen: 0.371 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 42.8 24.7 74.1

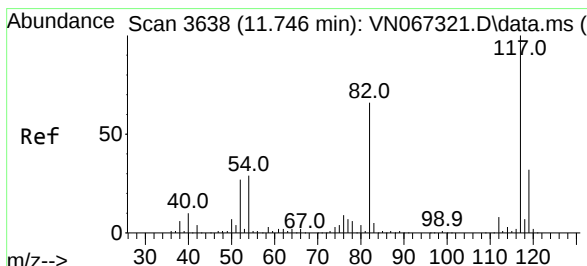
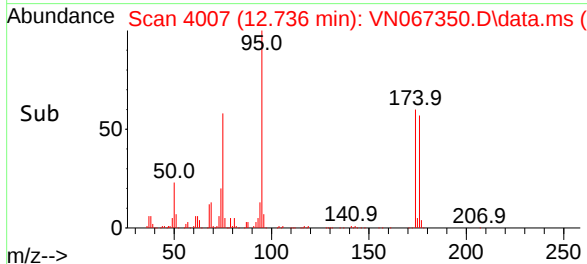
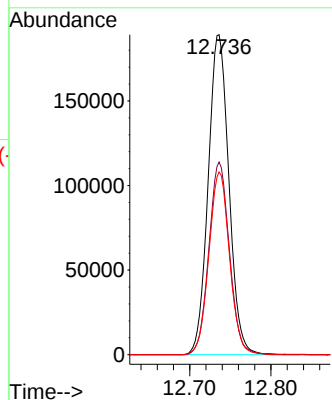
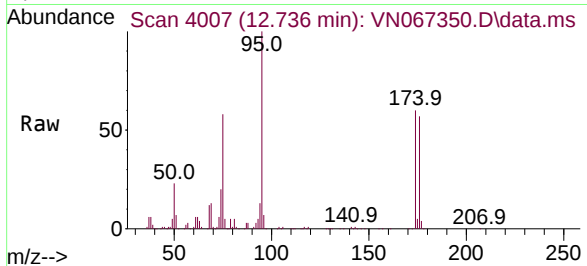




#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

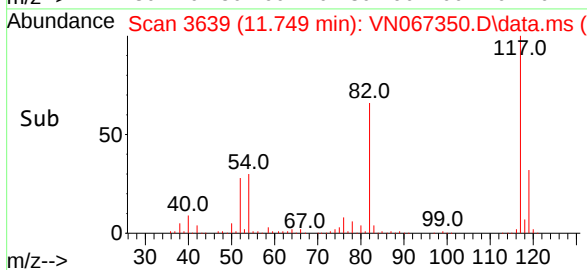
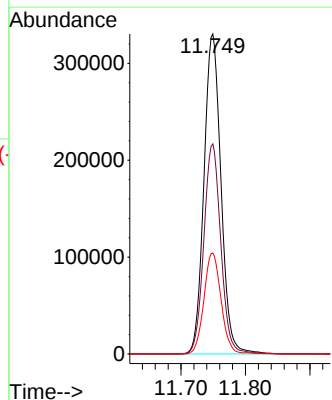
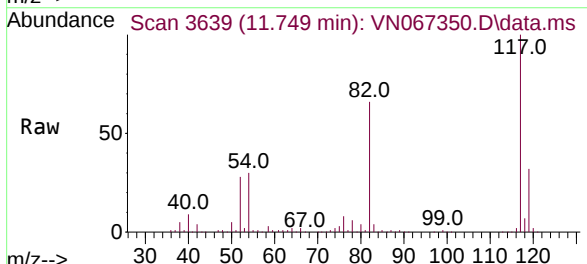
Instrument :
MSVOA_N
ClientSampleId :

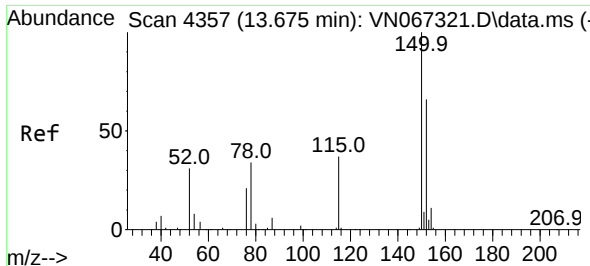
Tgt Ion: 95 Resp: 335127
Ion Ratio Lower Upper
95 100
174 59.8 0.0 122.0
176 56.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

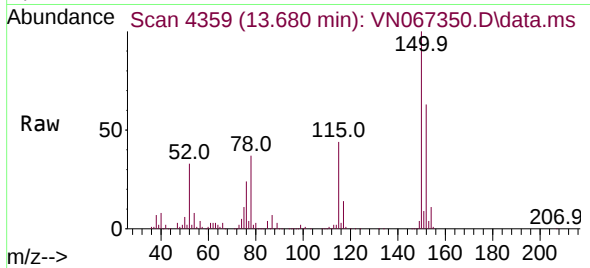
Tgt Ion: 117 Resp: 607378
Ion Ratio Lower Upper
117 100
82 65.7 53.1 79.7
119 31.5 25.5 38.3



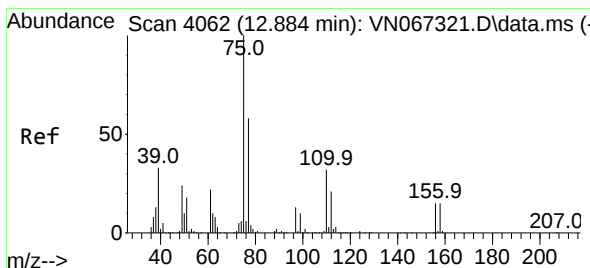
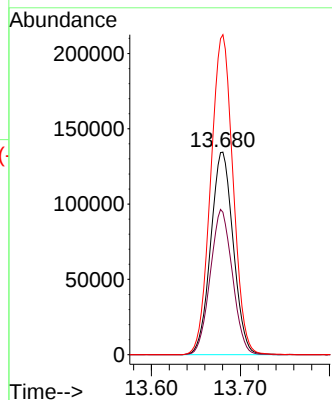
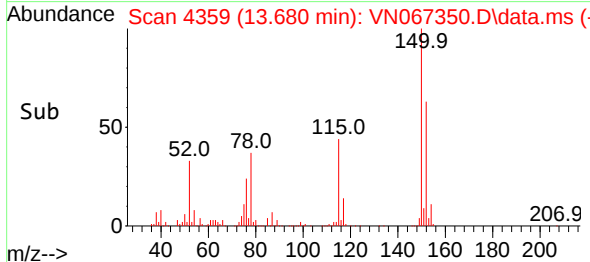


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.006 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

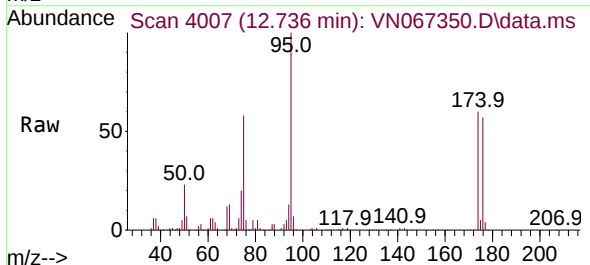
Instrument :
MSVOA_N
ClientSampleId :



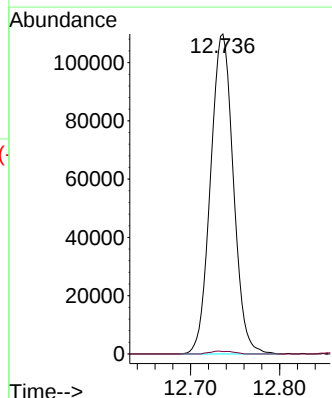
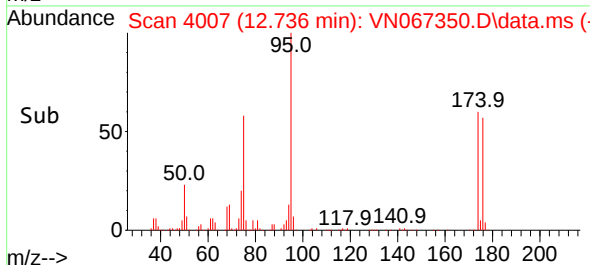
Tgt Ion:152 Resp: 236593
Ion Ratio Lower Upper
152 100
115 70.3 36.1 108.5
150 156.6 0.0 351.8

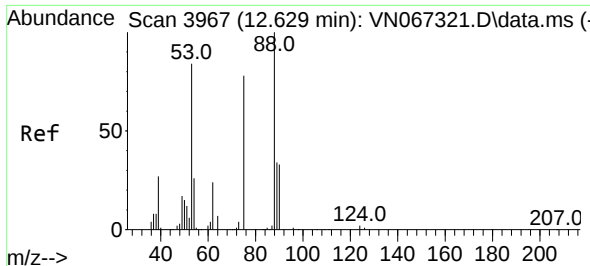


#76
1,2,3-Trichloropropane
Concen: 31.878 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48



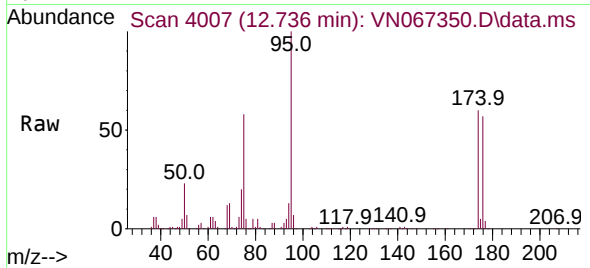
Tgt Ion: 75 Resp: 195854
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



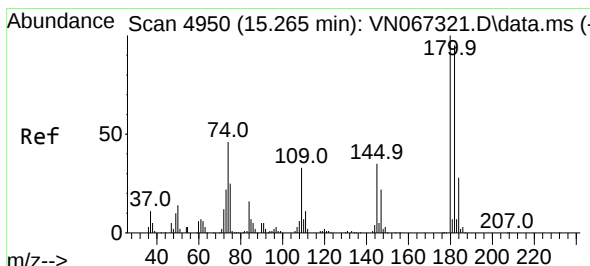
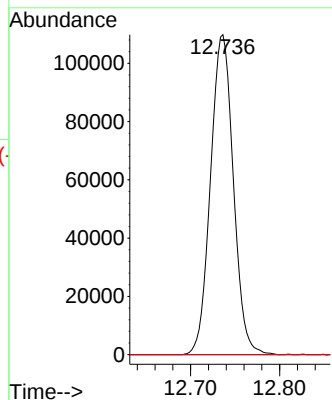
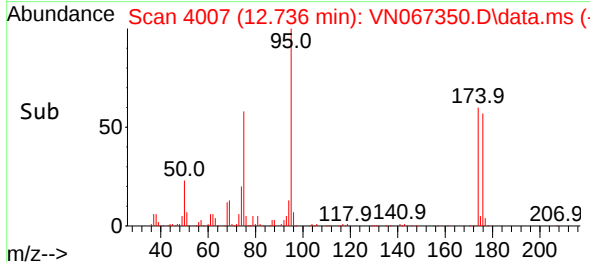


#81
trans-1,4-Dichloro-2-butene
Concen: 79.003 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

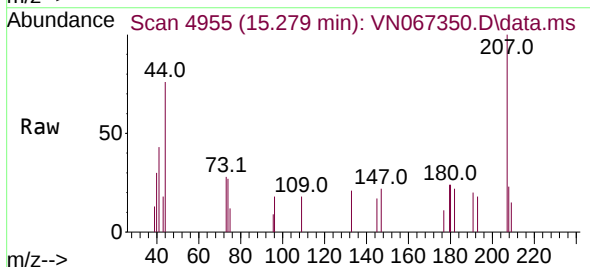
Instrument :
MSVOA_N
ClientSampleId :



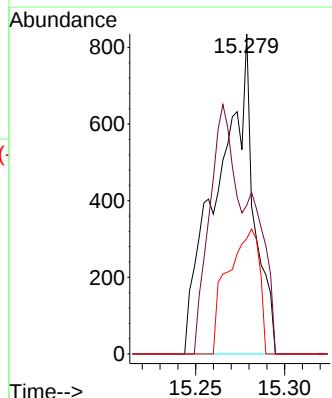
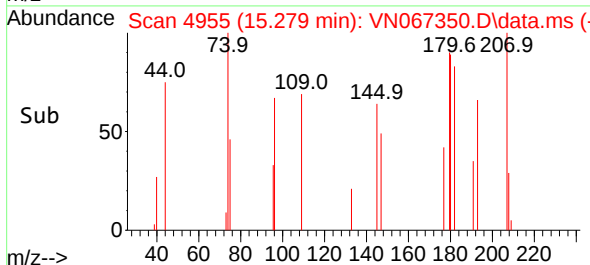
Tgt Ion: 75 Resp: 195854
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

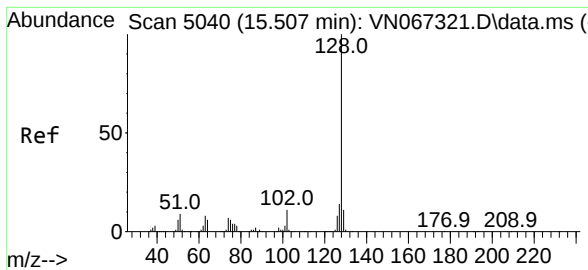


#93
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 15.279 min Scan# 4955
Delta R.T. 0.014 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48



Tgt Ion:180 Resp: 1164
Ion Ratio Lower Upper
180 100
182 59.5 47.5 142.5
145 34.7 17.2 51.6





#95
Naphthalene
Concen: 3.098 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067350.D
Acq: 15 Jun 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7436
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 9.7 8.6 12.8

