

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067351.D
 Acq On : 15 Jun 2021 17:13
 Operator : JC/MD
 Sample : M2678-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:40:07 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)

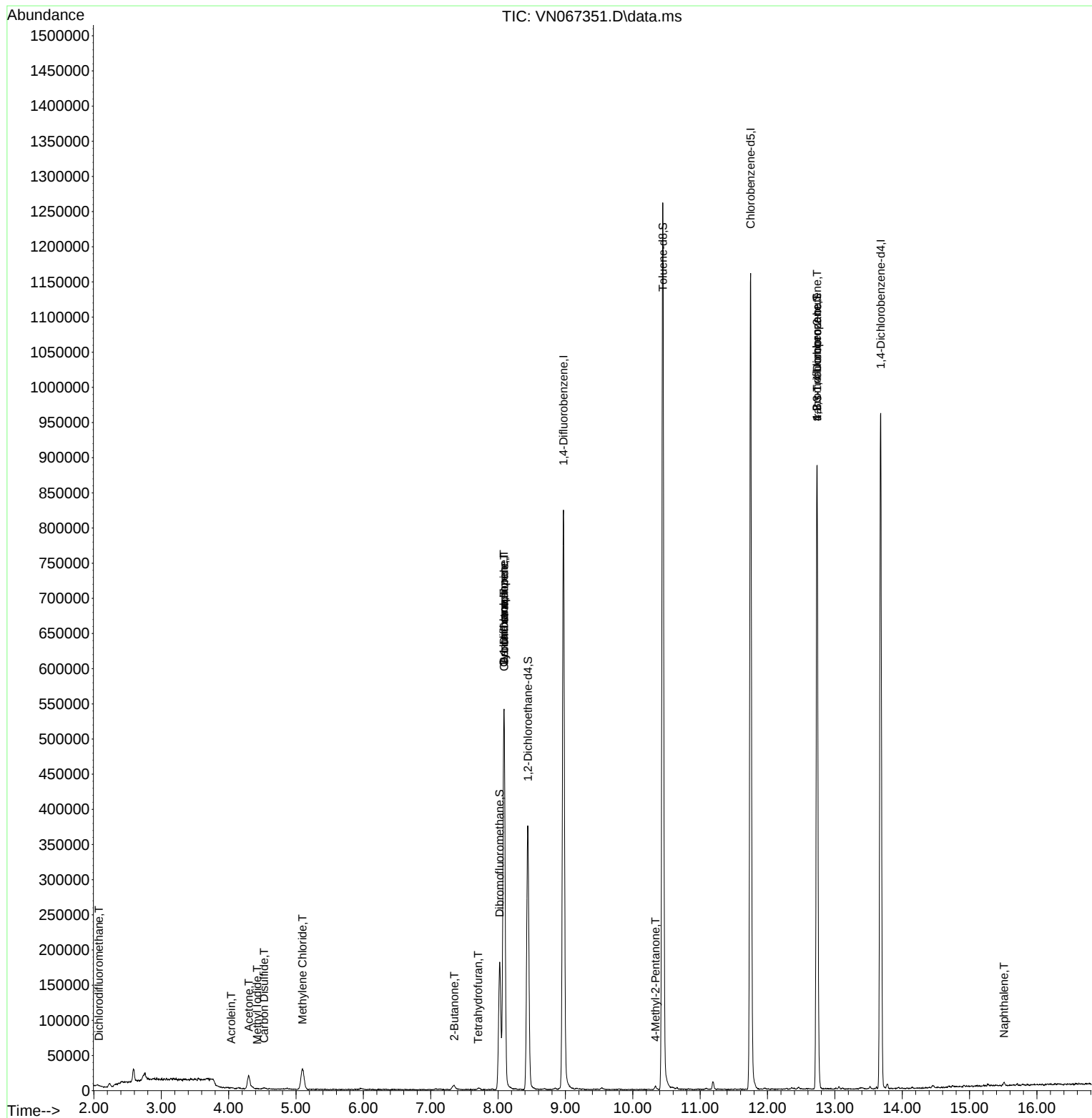
Internal Standards						
1) Pentafluorobenzene	8.088	168	357333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	668718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	604263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	230902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	337015	47.809	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.620%		
35) Dibromofluoromethane	8.024	113	129663	29.154	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	58.300%#		
50) Toluene-d8	10.446	98	862036	50.570	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.140%		
62) 4-Bromofluorobenzene	12.734	95	328153	46.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	26	1.331	ug/l #	43
10) Methyl Iodide	4.422	142	209	6.783	ug/l #	33
13) Acrolein	4.039	56	349	0.482	ug/l #	63
16) Acetone	4.299	43	35864	13.258	ug/l	93
17) Carbon Disulfide	4.527	76	3235	0.234	ug/l #	94
20) Methylene Chloride	5.095	84	13160	2.338	ug/l	99
25) 2-Butanone	7.351	43	3363	0.870	ug/l	99
29) Tetrahydrofuran	7.705	42	1187	0.487	ug/l #	72
31) Cyclohexane	8.086	56	11991	1.251	ug/l #	22
36) 1,1-Dichloropropene	8.088	75	39468	5.265	ug/l #	47
38) Carbon Tetrachloride	8.091	117	44347	5.503	ug/l #	16
51) 4-Methyl-2-Pentanone	10.339	43	3734	0.455	ug/l	91
76) 1,2,3-Trichloropropane	12.736	75	196320	32.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	196320	81.143	ug/l #	6
95) Naphthalene	15.509	128	4250	2.895	ug/l #	77

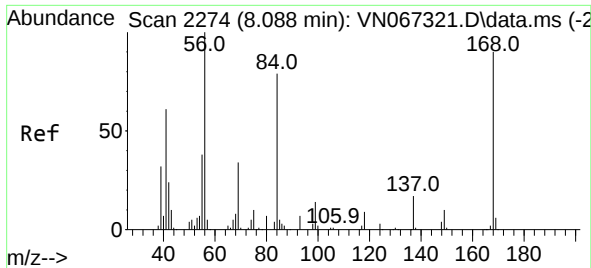
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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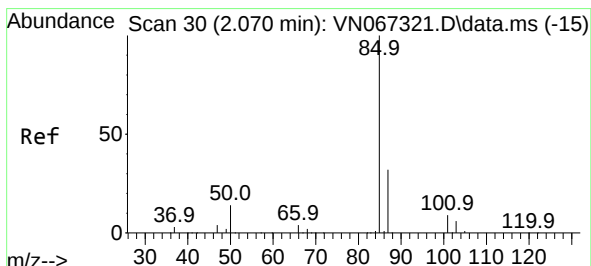
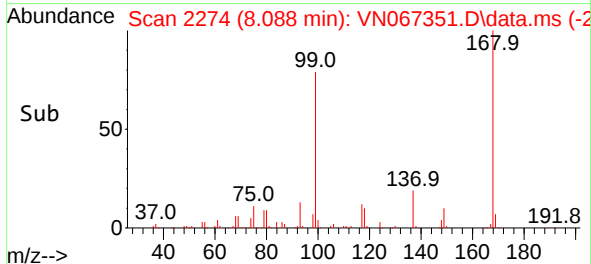
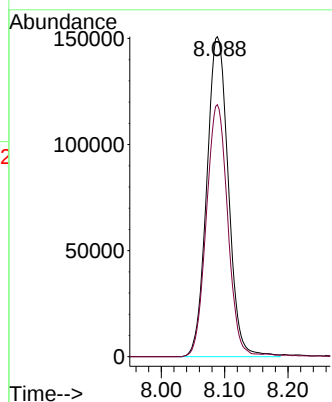
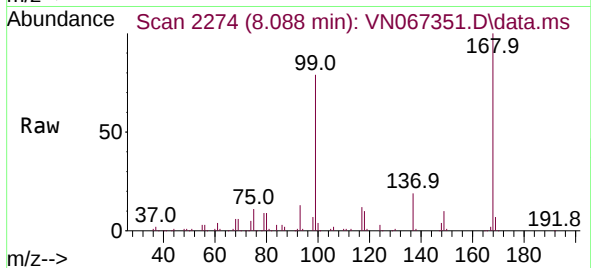




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

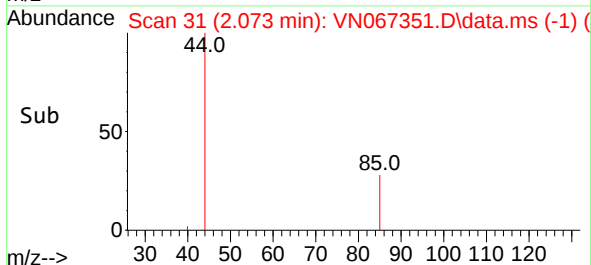
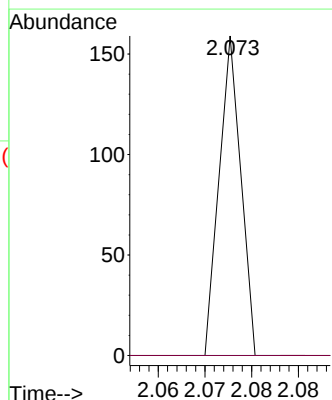
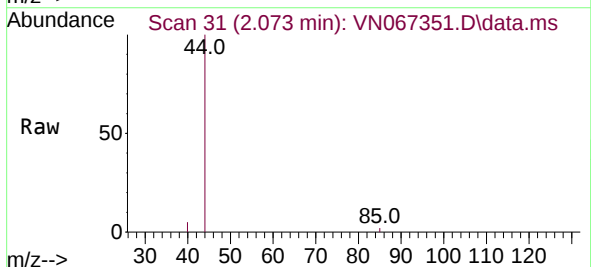
Instrument :
MSVOA_N
ClientSampleId :

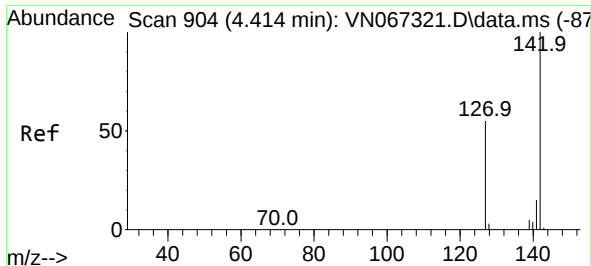
Tgt Ion:168 Resp: 357333
Ion Ratio Lower Upper
168 100
99 78.7 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 1.331 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

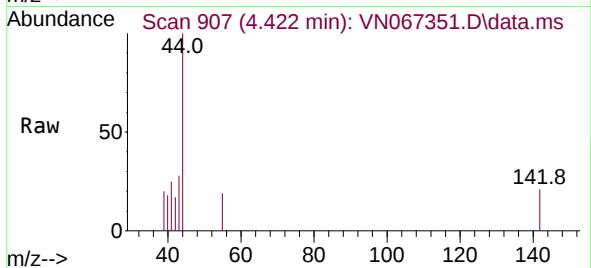
Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



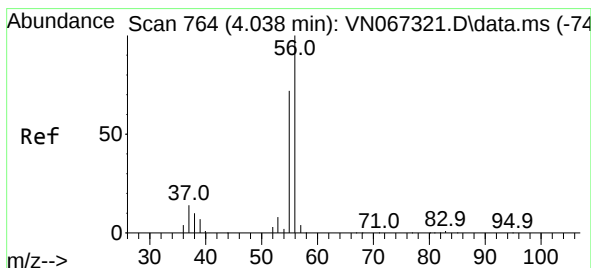
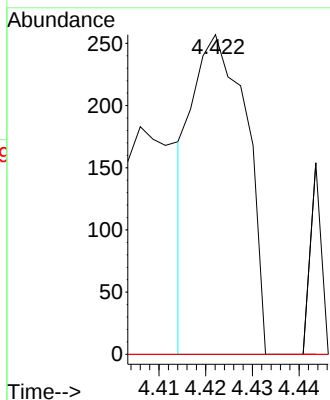
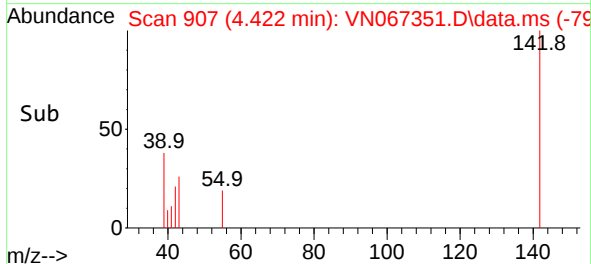


#10
Methyl Iodide
Concen: 6.783 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

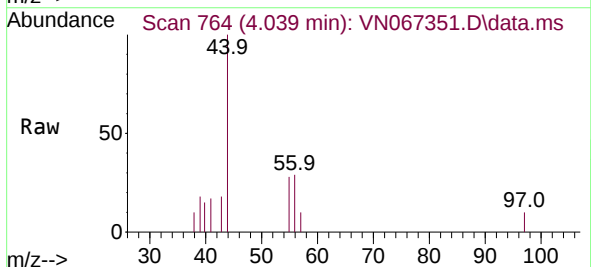
Instrument :
MSVOA_N
ClientSampled :



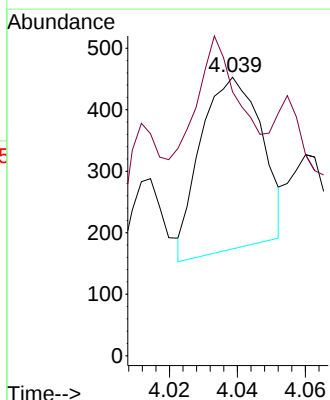
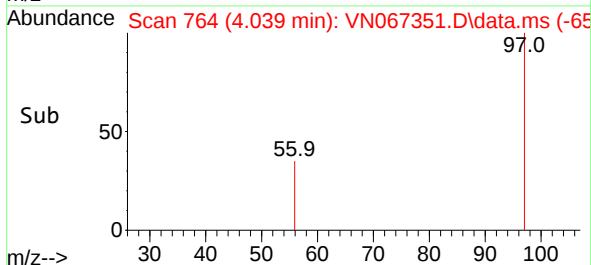
Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

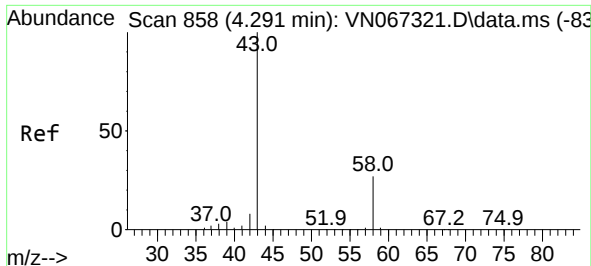


#13
Acrolein
Concen: 0.482 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13



Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 41.3 57.4 86.0#

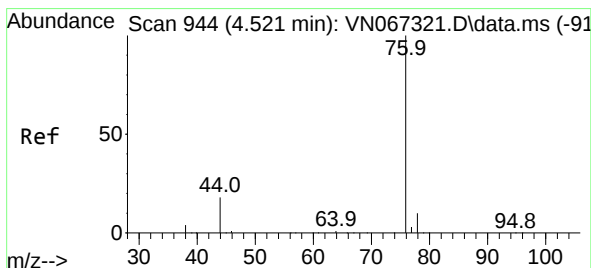
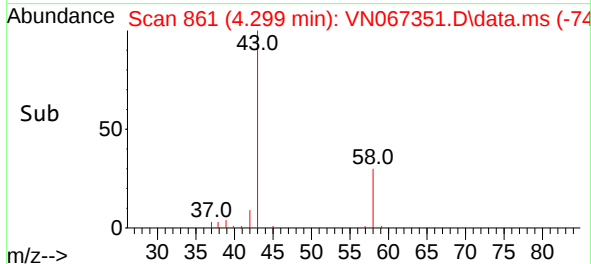
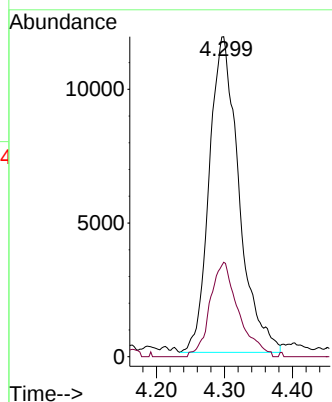
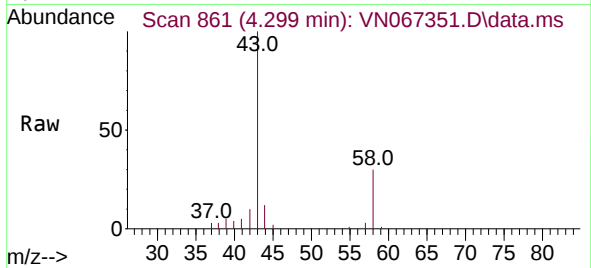




#16
Acetone
Concen: 13.258 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

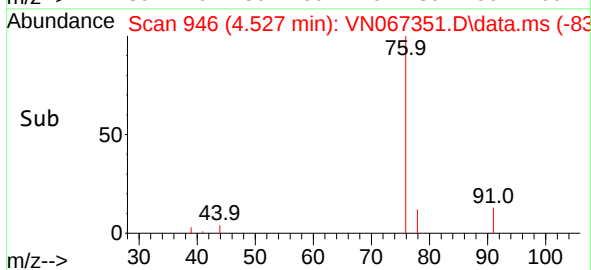
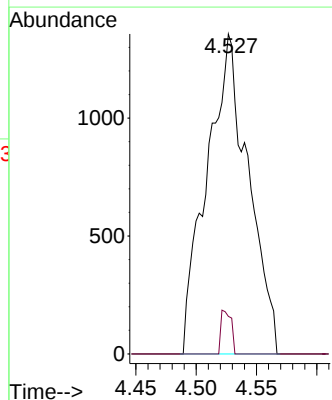
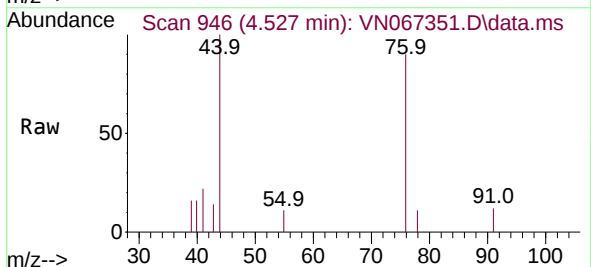
Instrument :
MSVOA_N
ClientSampled :

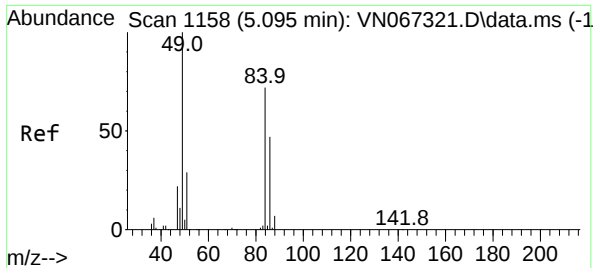
Tgt Ion: 43 Resp: 35864
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8



#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 4.527 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 76 Resp: 3235
Ion Ratio Lower Upper
76 100
78 11.7 7.7 11.5#



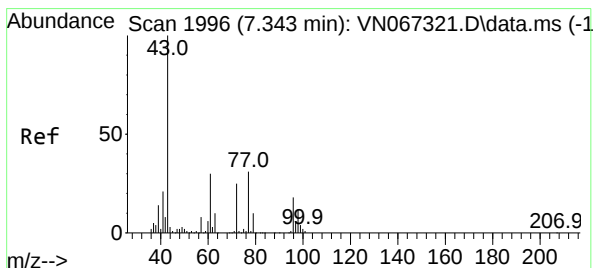
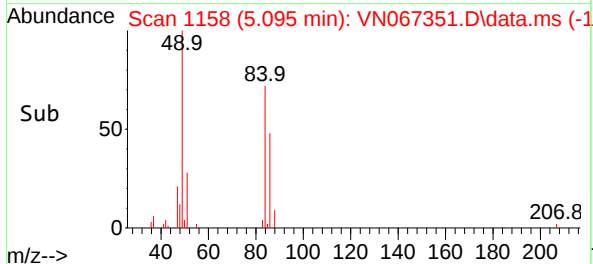
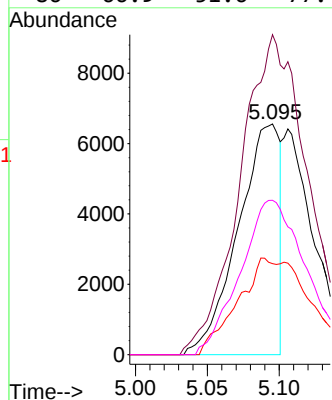
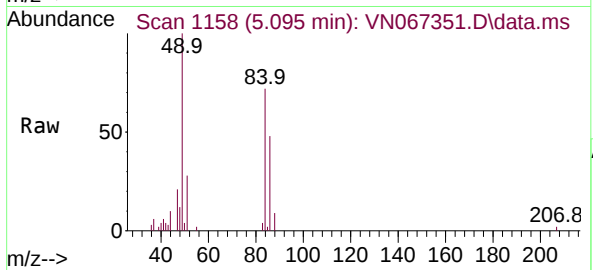


#20
Methylene Chloride
Concen: 2.338 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 84 Resp: 13160

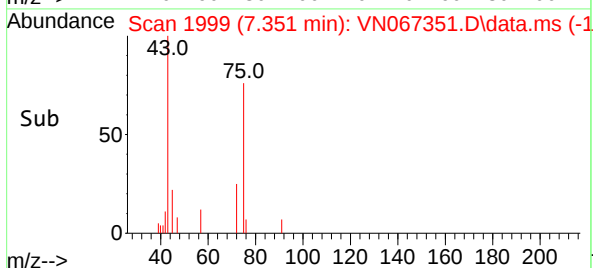
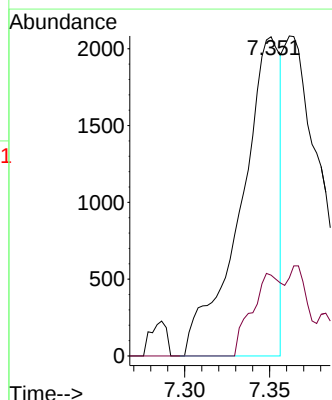
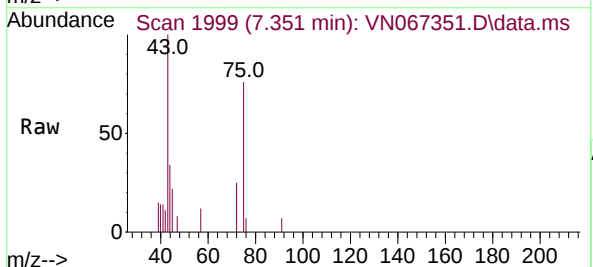
Ion	Ratio	Lower	Upper
84	100		
49	138.7	110.9	166.3
51	39.5	32.6	49.0
86	66.9	51.6	77.4

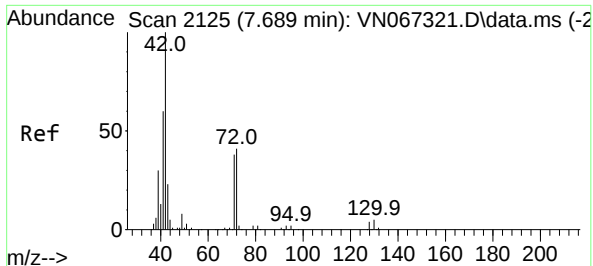


#25
2-Butanone
Concen: 0.870 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.008 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 43 Resp: 3363

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.7	29.5





#29

Tetrahydrofuran

Concen: 0.487 ug/l

RT: 7.705 min Scan# 2131

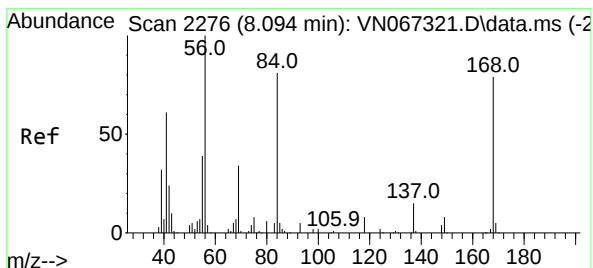
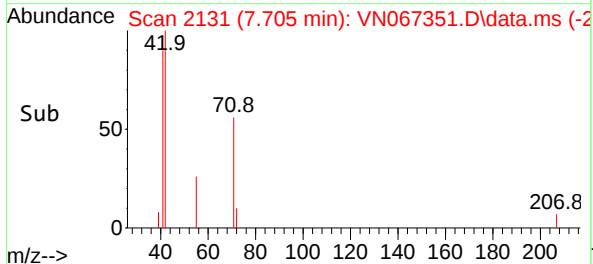
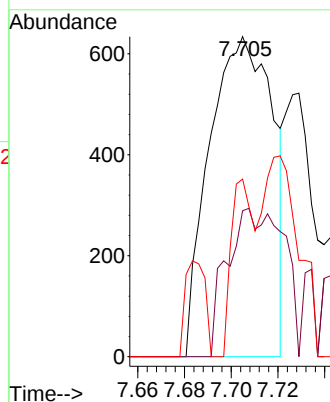
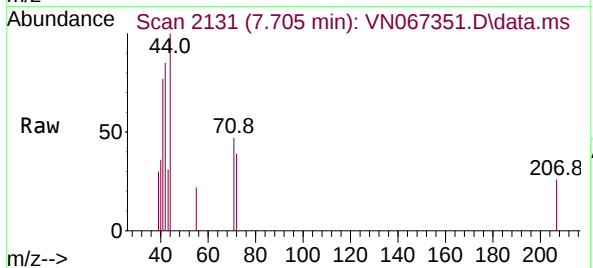
Delta R.T. 0.016 min

Lab File: VN067351.D

Acq: 15 Jun 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 42	Resp: 1187
Ion Ratio	Lower Upper
42	100
72	25.2 32.8 49.2#
71	19.7 31.2 46.8#



#31

Cyclohexane

Concen: 1.251 ug/l

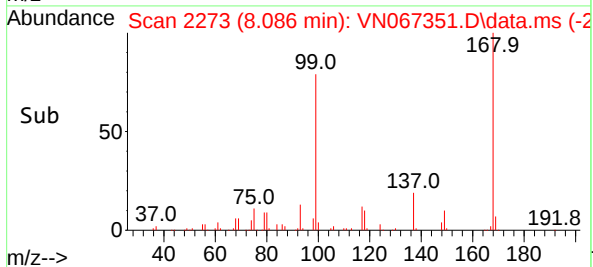
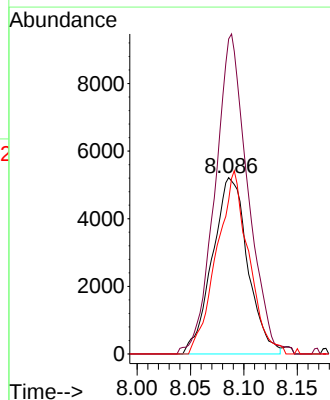
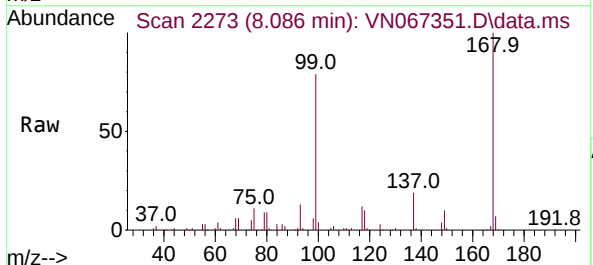
RT: 8.086 min Scan# 2273

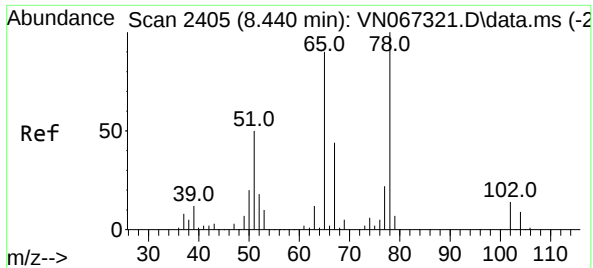
Delta R.T. -0.008 min

Lab File: VN067351.D

Acq: 15 Jun 2021 17:13

Tgt Ion: 56	Resp: 11991
Ion Ratio	Lower Upper
56	100
69	175.4 27.3 40.9#
84	87.3 64.9 97.3



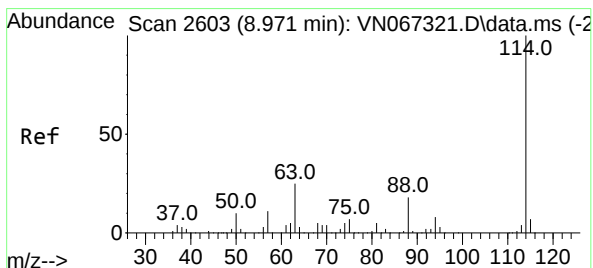
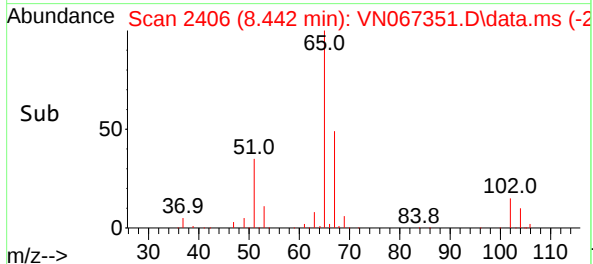
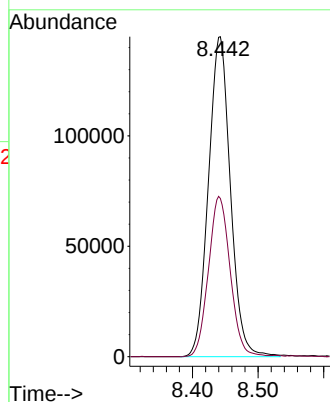
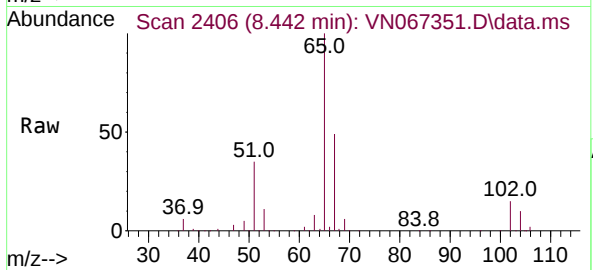


#33

1,2-Dichloroethane-d4
Concen: 47.809 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Instrument :
MSVOA_N
ClientSampled :

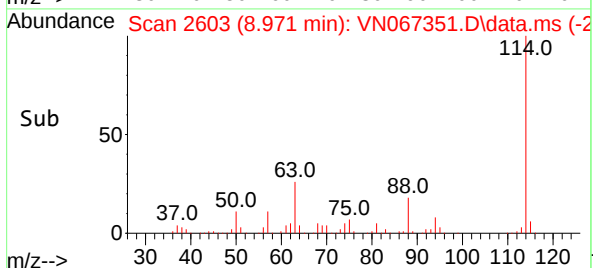
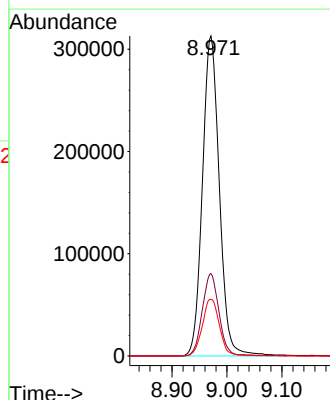
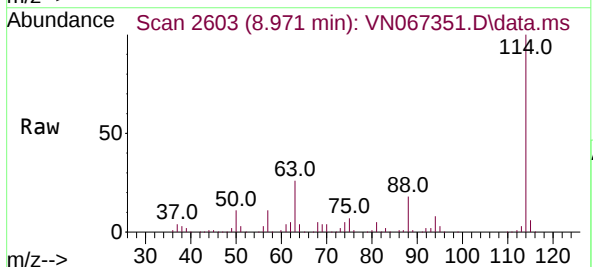
Tgt Ion: 65 Resp: 337015
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.6

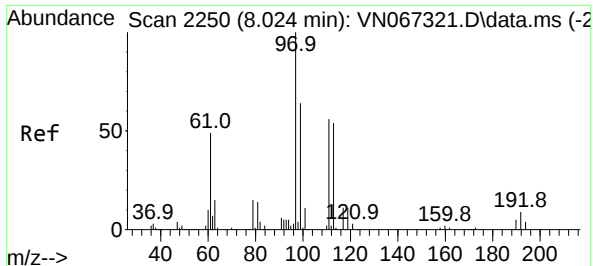


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 114 Resp: 668718
Ion Ratio Lower Upper
114 100
63 25.8 0.0 49.0
88 17.7 0.0 36.6

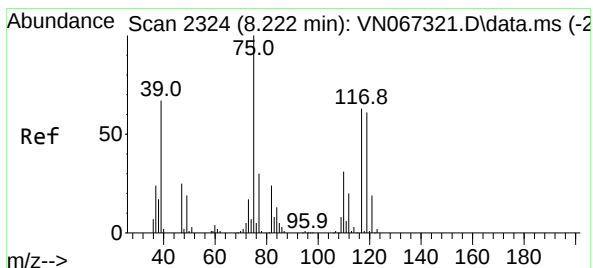
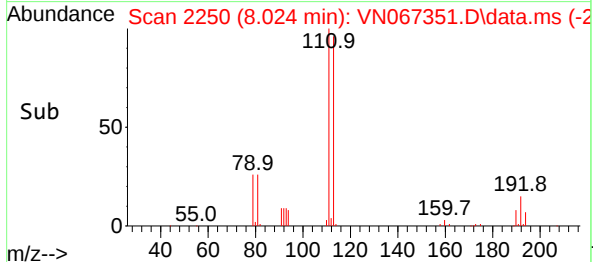
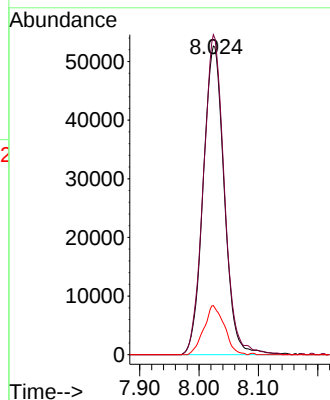
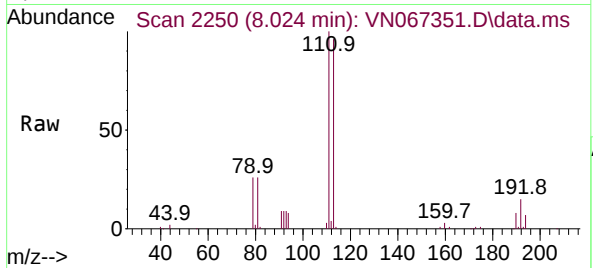




#35
Dibromofluoromethane
Concen: 29.154 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

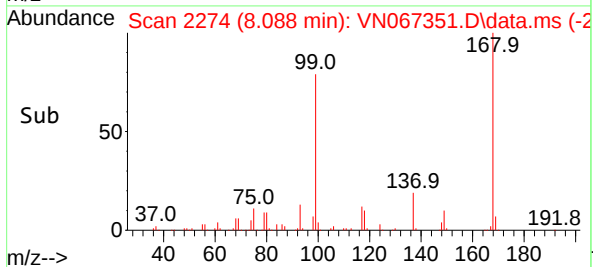
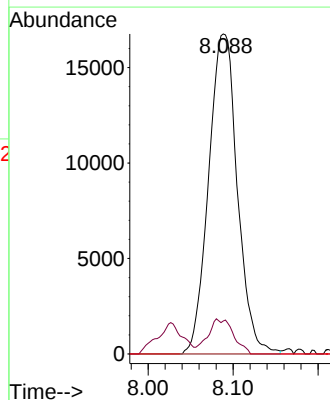
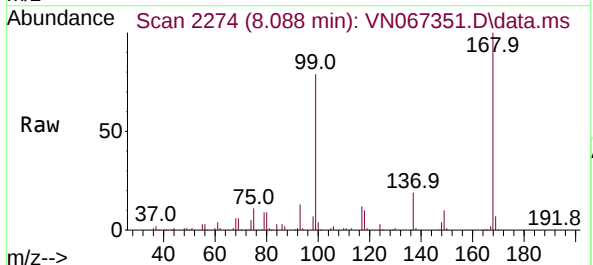
Instrument :
MSVOA_N
ClientSampleId :

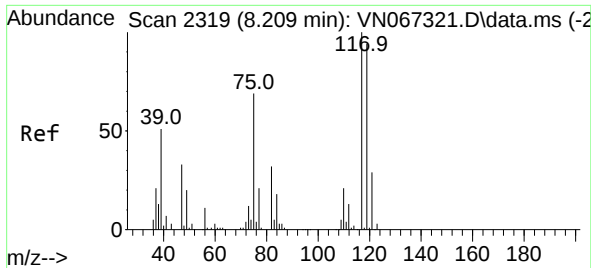
Tgt Ion:113 Resp: 129663
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 15.5 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 75 Resp: 39468
Ion Ratio Lower Upper
75 100
110 3.6 15.7 47.0#
77 0.0 24.6 37.0#

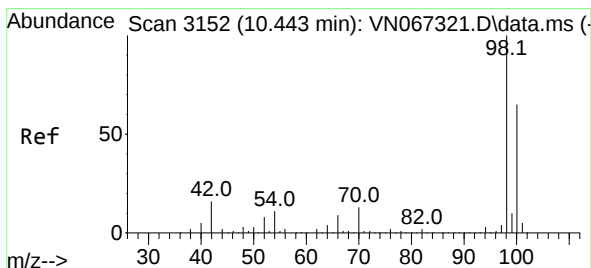
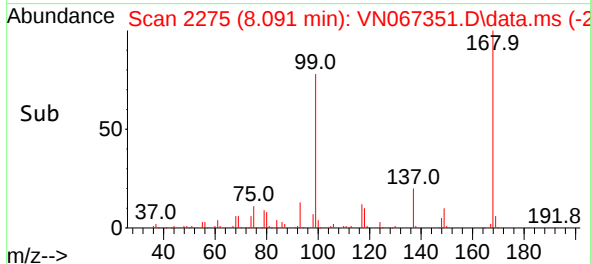
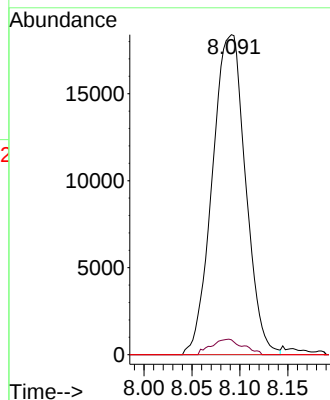
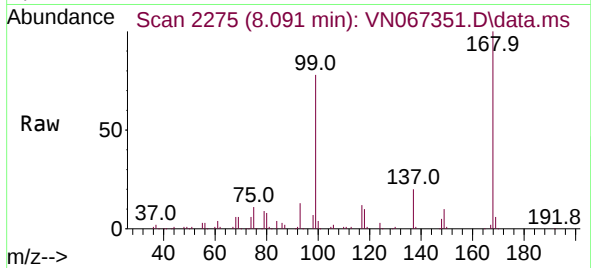




#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

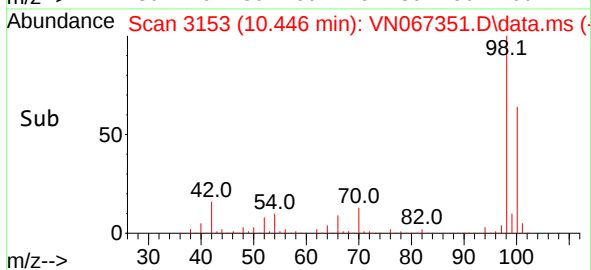
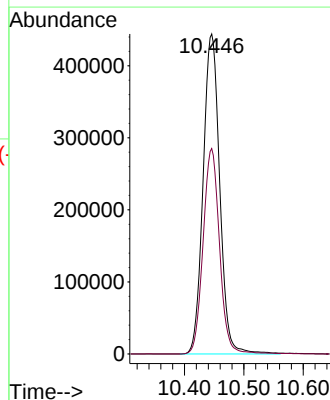
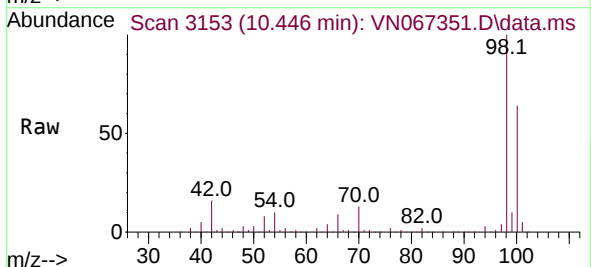
Instrument :
MSVOA_N
ClientSampled :

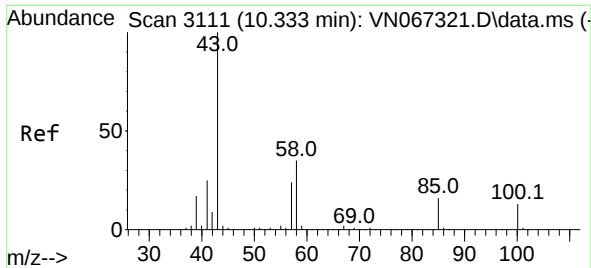
Tgt Ion:117 Resp: 44347
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 50.570 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 98 Resp: 862036
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

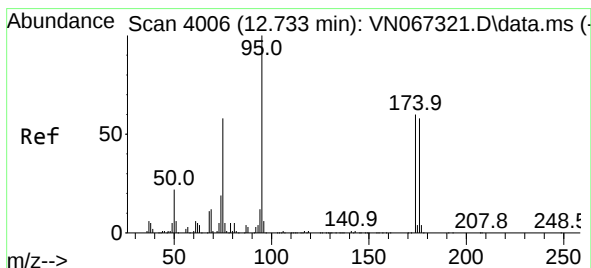
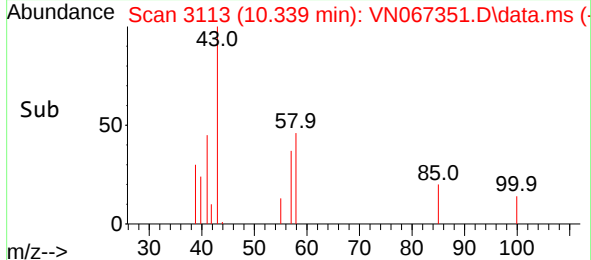
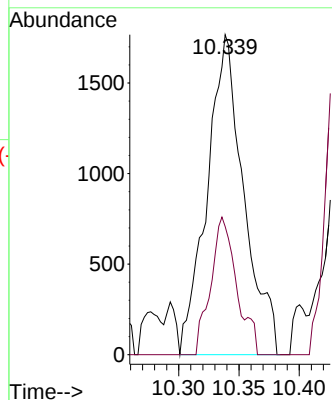
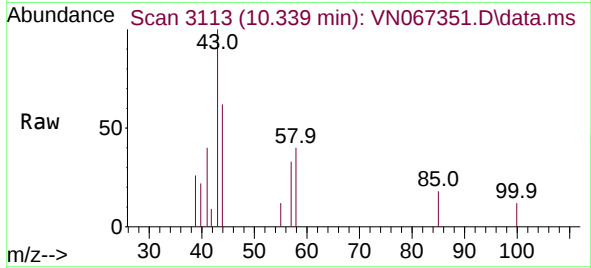




#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

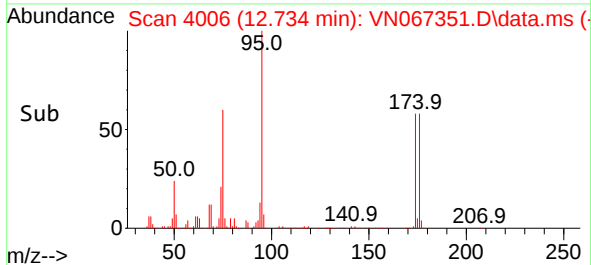
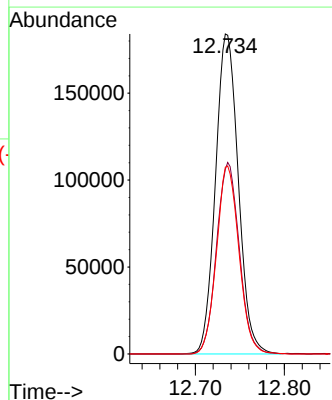
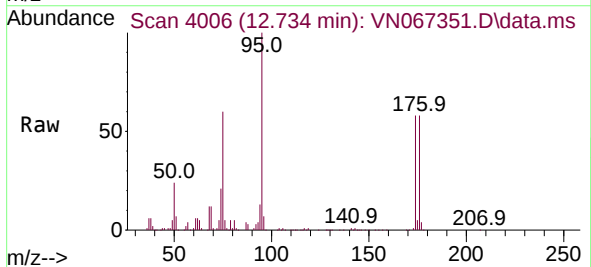
Instrument :
MSVOA_N
ClientSampled :

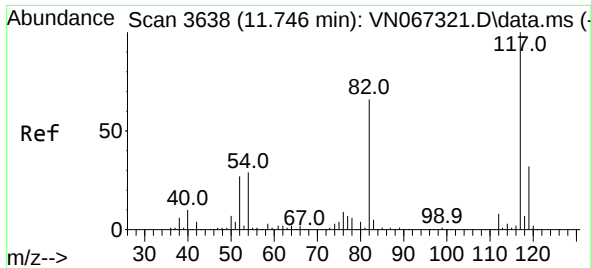
Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
58 30.5 28.6 43.0



#62
4-Bromofluorobenzene
Concen: 46.647 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion: 95 Resp: 328153
Ion Ratio Lower Upper
95 100
174 59.7 0.0 122.0
176 57.9 0.0 117.6

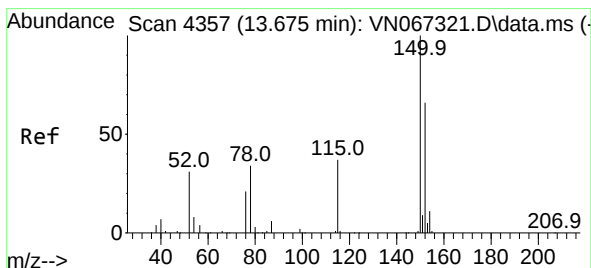
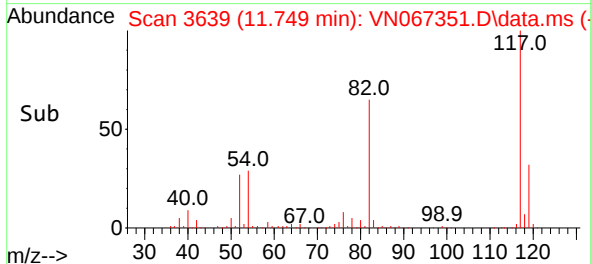
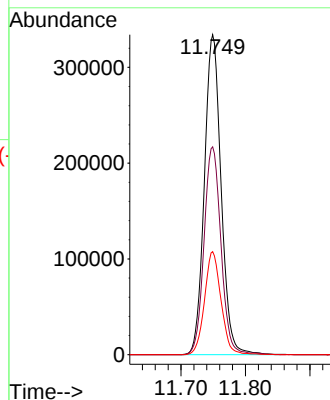
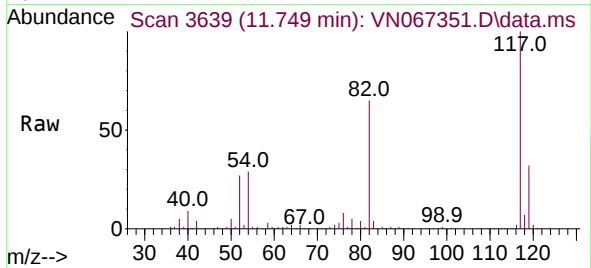




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

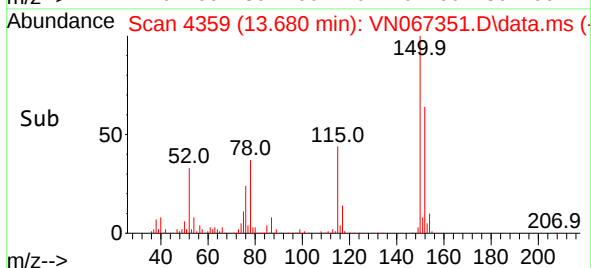
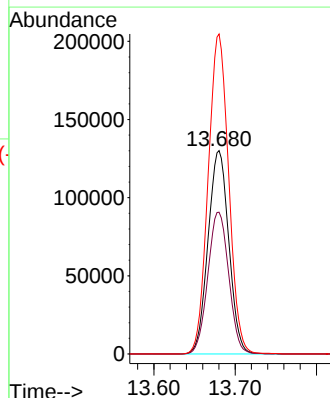
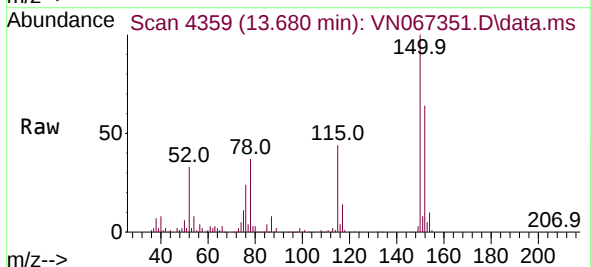
Instrument :
MSVOA_N
ClientSampleId :

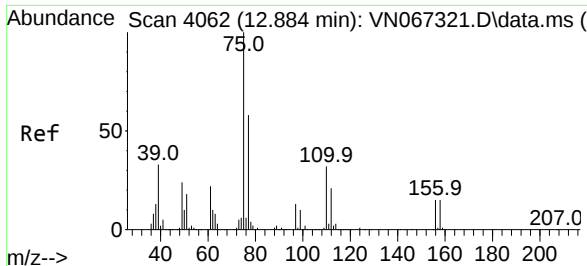
Tgt Ion:117 Resp: 604263
Ion Ratio Lower Upper
117 100
82 64.9 53.1 79.7
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.006 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Tgt Ion:152 Resp: 230902
Ion Ratio Lower Upper
152 100
115 70.2 36.1 108.5
150 155.1 0.0 351.8

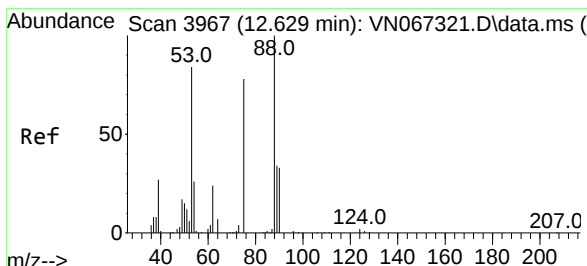
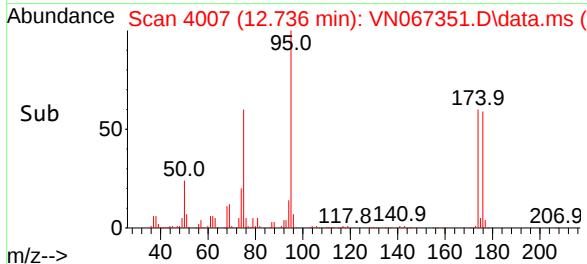
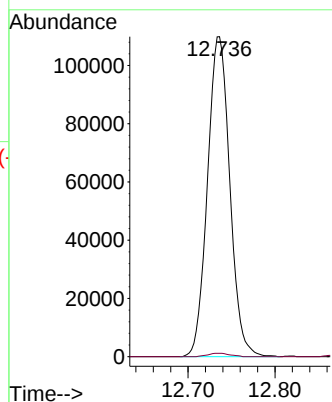
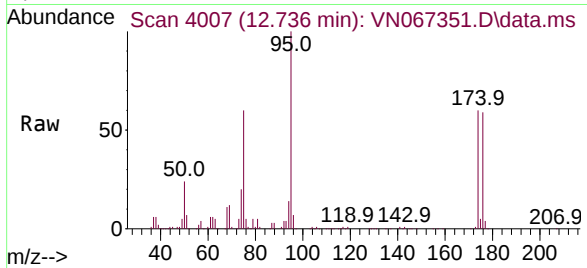




#76
1,2,3-Trichloropropane
Concen: 32.741 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

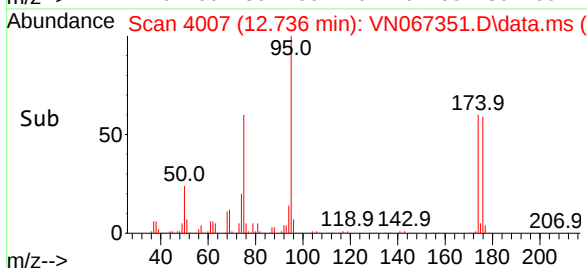
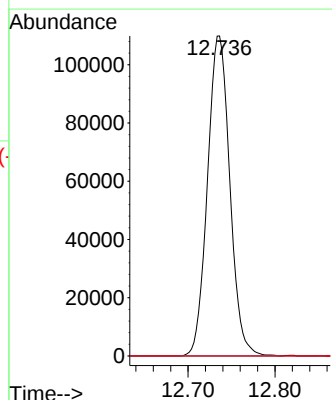
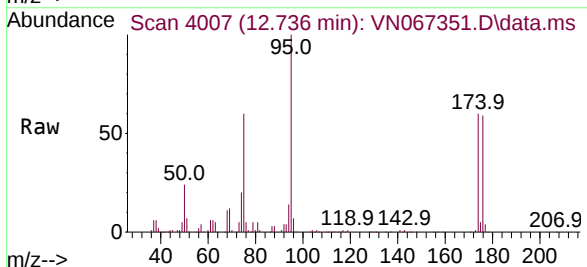
Instrument :
MSVOA_N
ClientSampled :

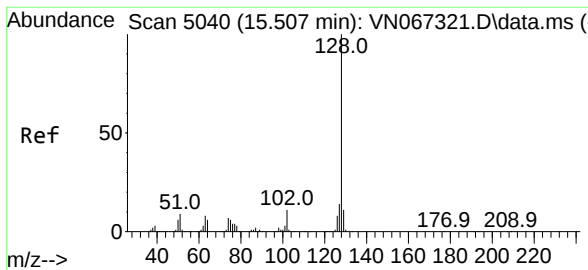
Tgt Ion: 75 Resp: 196320
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.143 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

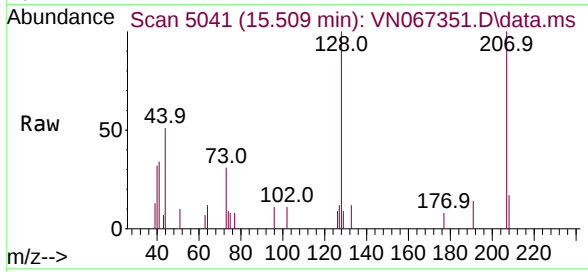
Tgt Ion: 75 Resp: 196320
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.895 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067351.D
Acq: 15 Jun 2021 17:13

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	128	Resp:	4250
Ion	Ratio	Lower	Upper
128	100		
127	5.8	10.6	15.8#
129	0.0	8.6	12.8#

