

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067356.D
 Acq On : 15 Jun 2021 19:14
 Operator : JC/MD
 Sample : M2709-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

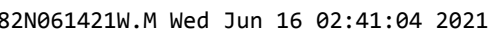
Quant Time: Jun 16 02:41:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

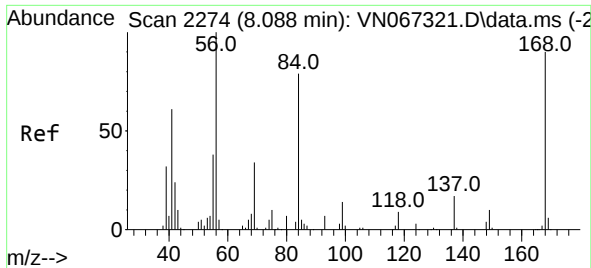
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	329719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	631923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	560194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	217879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	314990	48.427	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.860%
35) Dibromofluoromethane	8.024	113	165840	39.460	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	78.920%
50) Toluene-d8	10.446	98	811608	50.384	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.736	95	309443	46.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.100%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.428	142	102	6.765	ug/l #	33
13) Acrolein	4.047	56	326	0.488	ug/l #	1
16) Acetone	4.296	43	37141	14.880	ug/l	99
17) Carbon Disulfide	4.529	76	5378	0.421	ug/l #	81
20) Methylene Chloride	5.098	84	13897	2.676	ug/l	90
25) 2-Butanone	7.354	43	7857	2.203	ug/l	99
31) Cyclohexane	8.088	56	11957	1.352	ug/l #	36
36) 1,1-Dichloropropene	8.088	75	35763	5.048	ug/l #	53
38) Carbon Tetrachloride	8.091	117	41010	5.386	ug/l #	16
51) 4-Methyl-2-Pentanone	10.336	43	3592	0.463	ug/l	94
59) 2-Hexanone	11.090	43	1155	0.203	ug/l #	51
76) 1,2,3-Trichloropropane	12.734	75	179911	31.798	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	179911	78.805	ug/l #	6
95) Naphthalene	15.512	128	1244	2.697	ug/l #	69

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

Quant Time: Jun 16 02:41:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

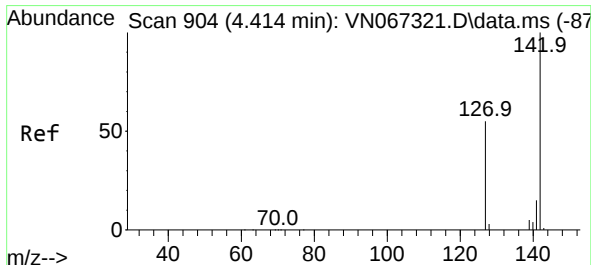
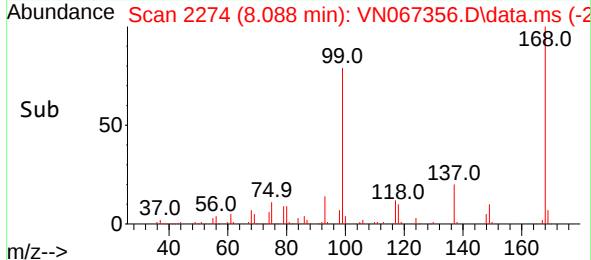
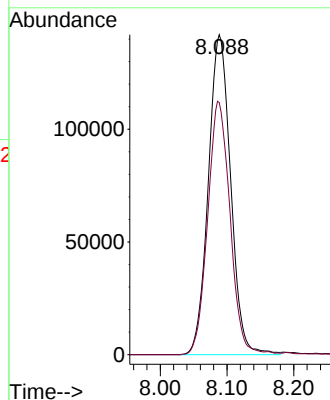
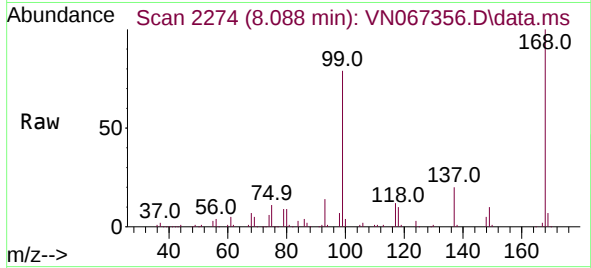




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

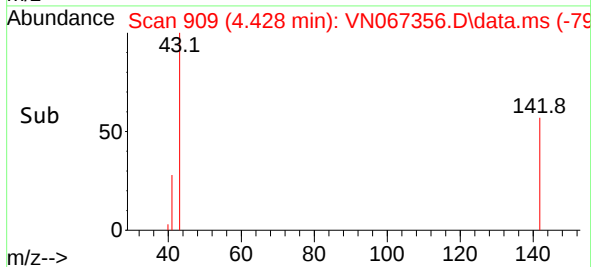
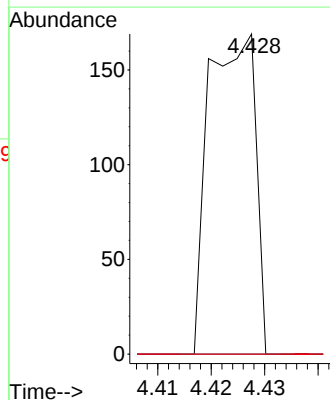
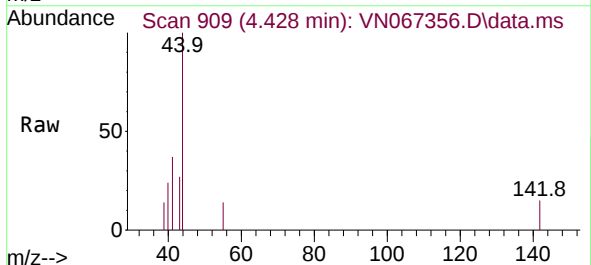
Instrument :
MSVOA_N
ClientSampled :

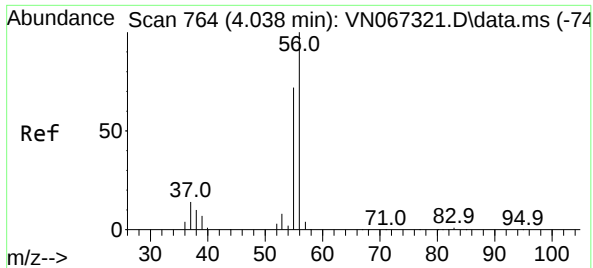
Tgt Ion:168 Resp: 329719
Ion Ratio Lower Upper
168 100
99 78.8 62.9 94.3



#10
Methyl Iodide
Concen: 6.765 ug/l
RT: 4.428 min Scan# 909
Delta R.T. 0.014 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

Tgt Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#

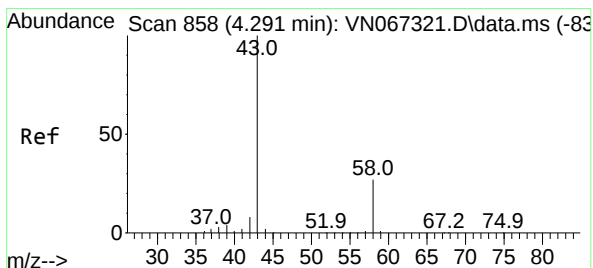
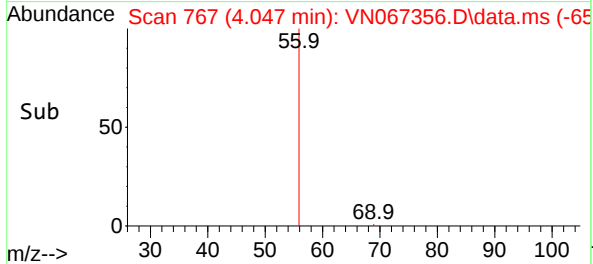
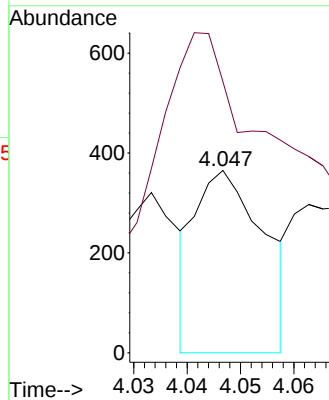
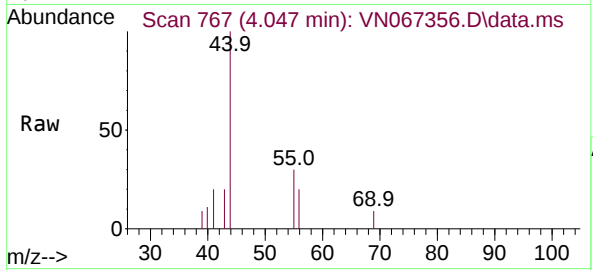




#13
Acrolein
Concen: 0.488 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.009 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

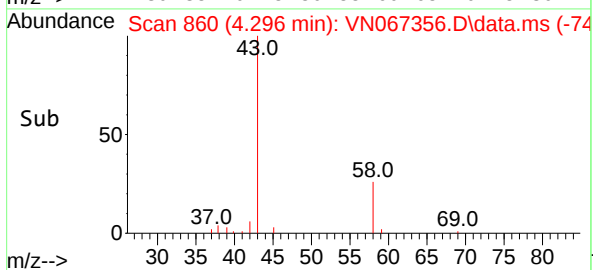
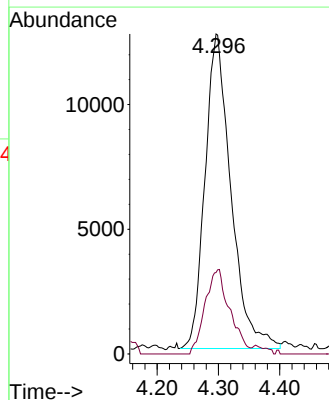
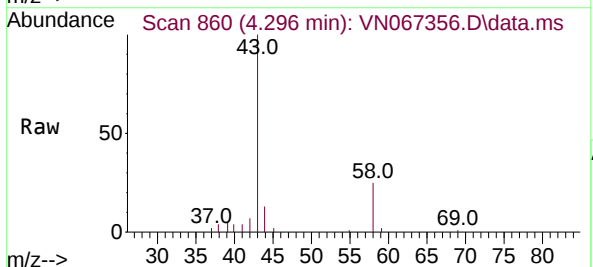
Instrument :
MSVOA_N
ClientSampled :

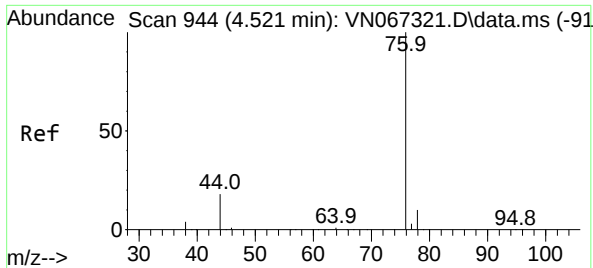
Tgt Ion: 56 Resp: 326
Ion Ratio Lower Upper
56 100
55 355.8 57.4 86.0#



#16
Acetone
Concen: 14.880 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

Tgt Ion: 43 Resp: 37141
Ion Ratio Lower Upper
43 100
58 25.9 21.2 31.8

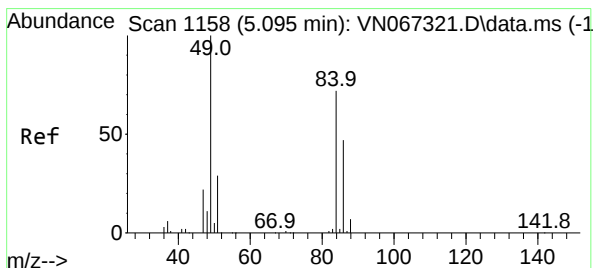
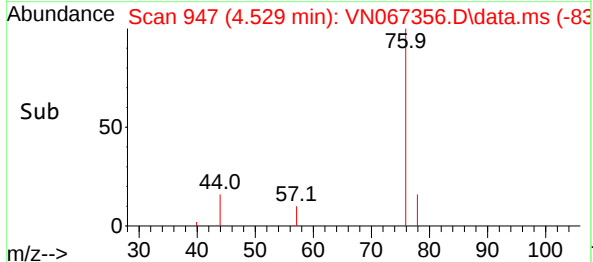
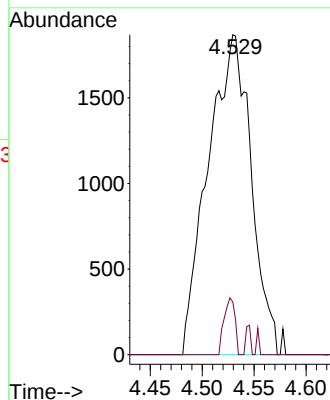
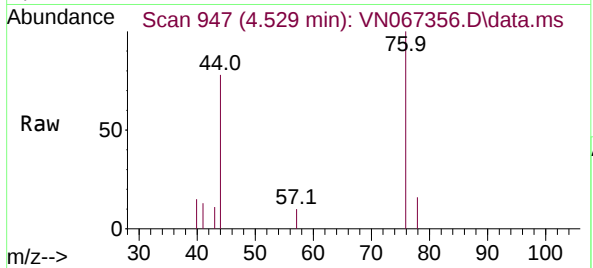




#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.008 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

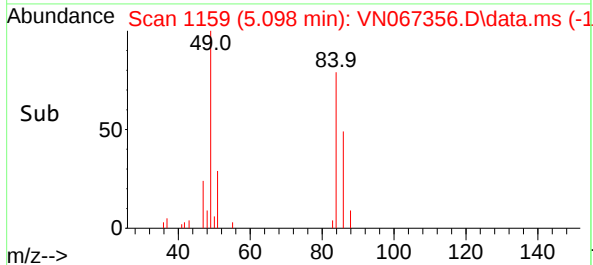
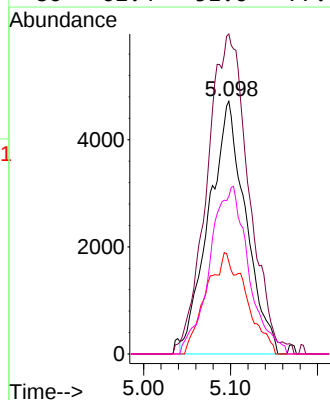
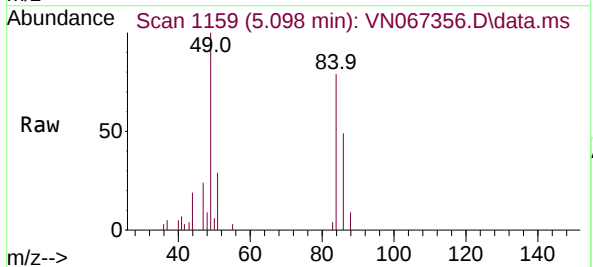
Instrument :
MSVOA_N
ClientSampled :

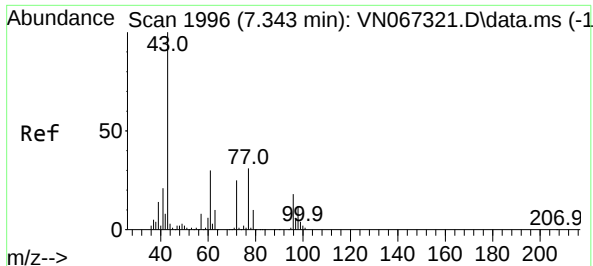
Tgt Ion: 76 Resp: 5378
Ion Ratio Lower Upper
76 100
78 16.5 7.7 11.5#



#20
Methylene Chloride
Concen: 2.676 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

Tgt Ion: 84 Resp: 13897
Ion Ratio Lower Upper
84 100
49 122.1 110.9 166.3
51 36.4 32.6 49.0
86 62.4 51.6 77.4

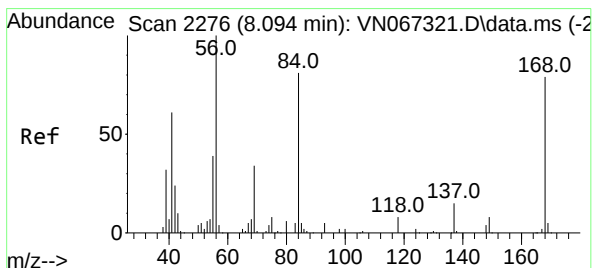
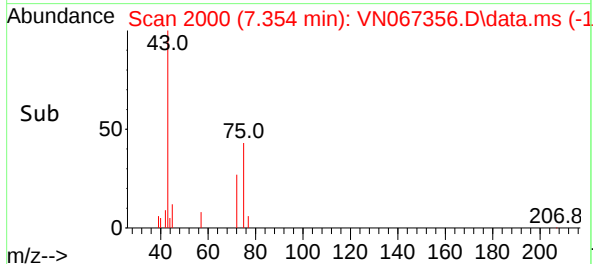
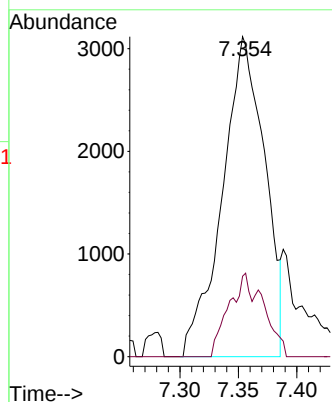
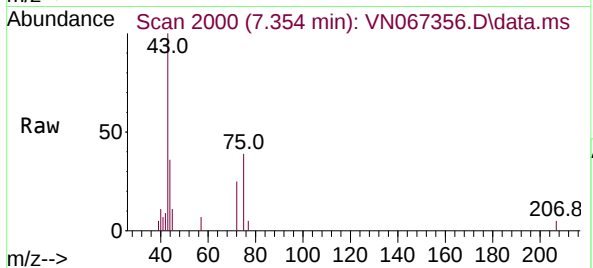




#25
2-Butanone
Concen: 2.203 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.011 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

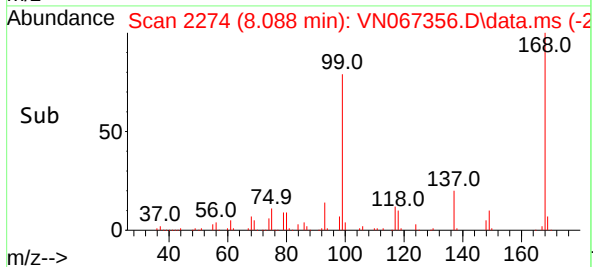
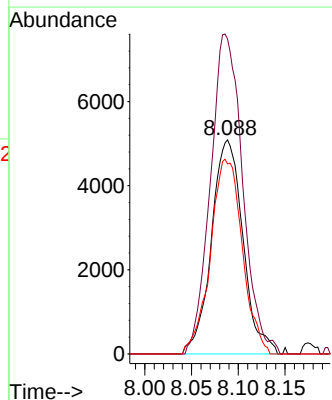
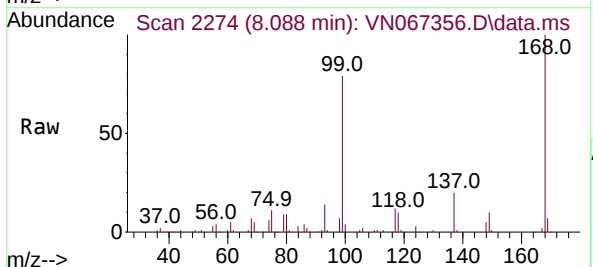
Instrument :
MSVOA_N
ClientSampled :

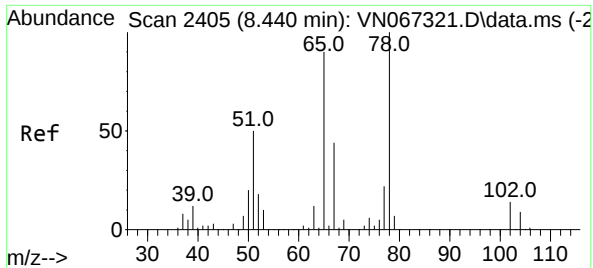
Tgt Ion: 43 Resp: 7857
Ion Ratio Lower Upper
43 100
72 25.2 19.7 29.5



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

Tgt Ion: 56 Resp: 11957
Ion Ratio Lower Upper
56 100
69 147.1 27.3 40.9#
84 88.8 64.9 97.3

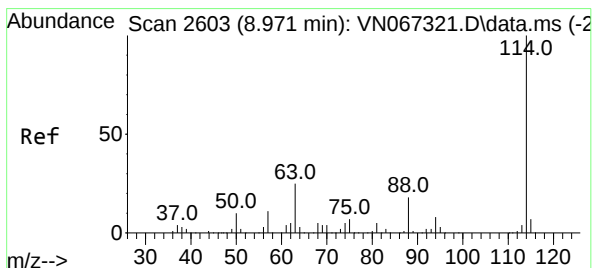
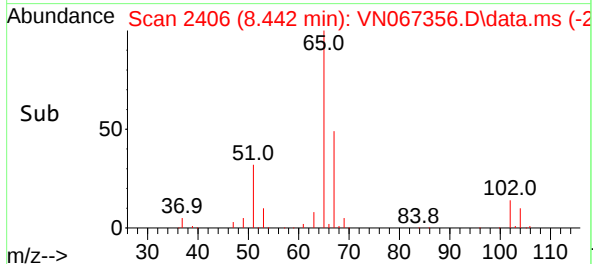
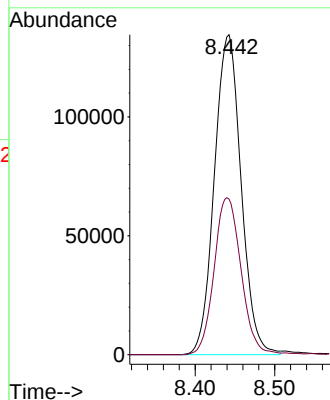
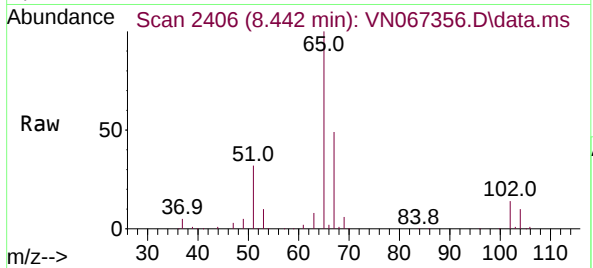




#33
 1,2-Dichloroethane-d4
 Concen: 48.427 ug/l
 RT: 8.442 min Scan# 2406
 Delta R.T. 0.002 min
 Lab File: VN067356.D
 Acq: 15 Jun 2021 19:14

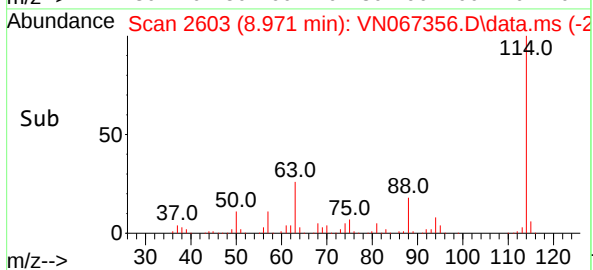
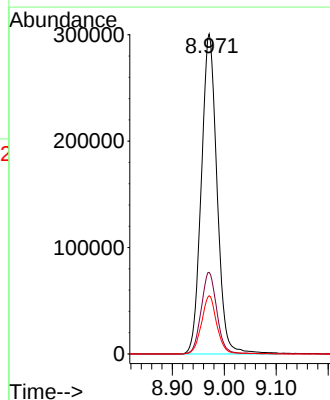
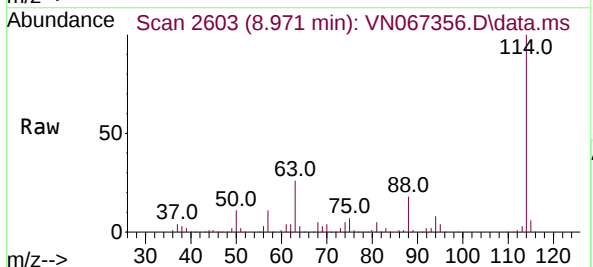
Instrument :
 MSVOA_N
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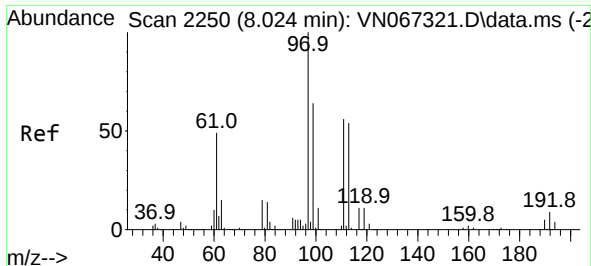
Tgt Ion: 65 Resp: 314990
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: VN067356.D
 Acq: 15 Jun 2021 19:14

Tgt Ion: 114 Resp: 631923
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.0
 88 18.2 0.0 36.6

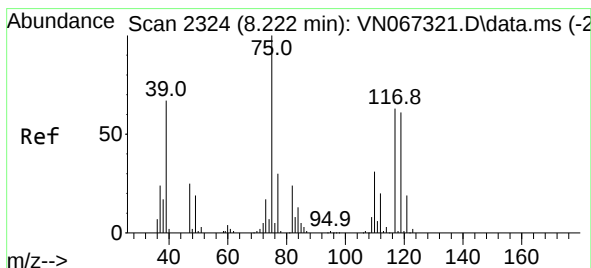
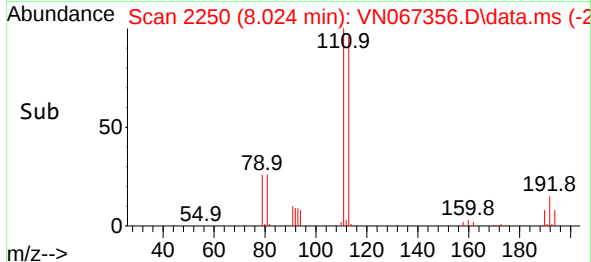
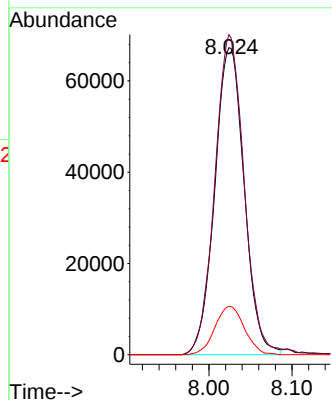
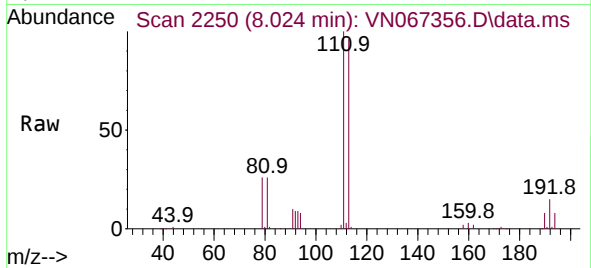




#35
Dibromofluoromethane
Concen: 39.460 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

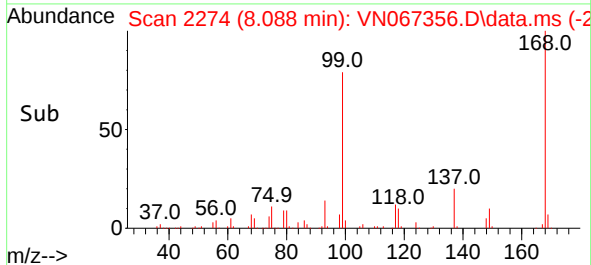
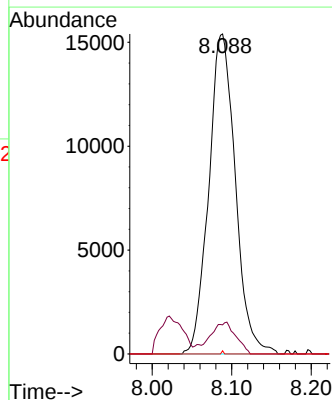
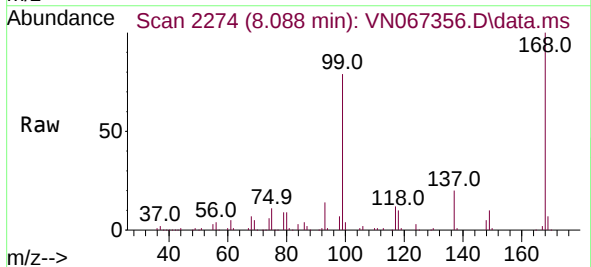
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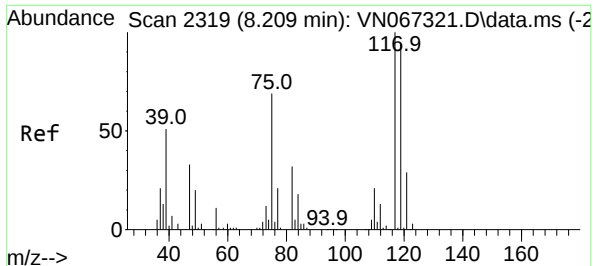
Tgt Ion:113 Resp: 165840
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.8
192 15.8 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

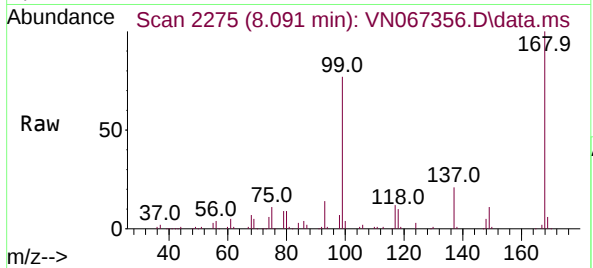
Tgt Ion: 75 Resp: 35763
Ion Ratio Lower Upper
75 100
110 9.7 15.7 47.0#
77 0.1 24.6 37.0#



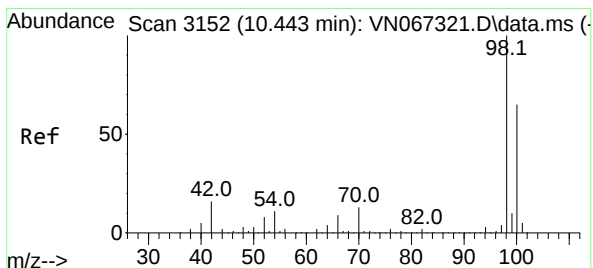
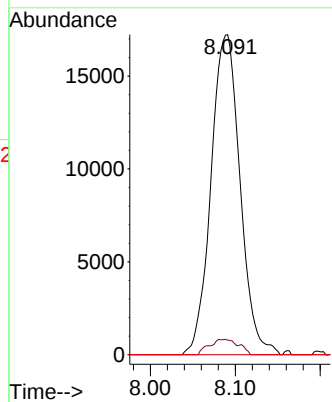
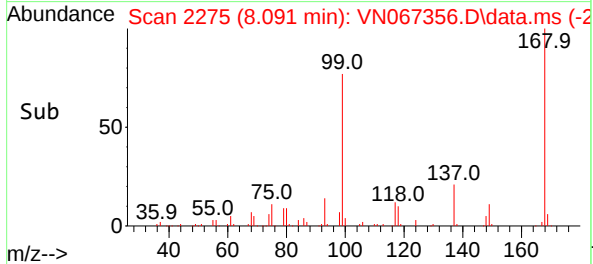


#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

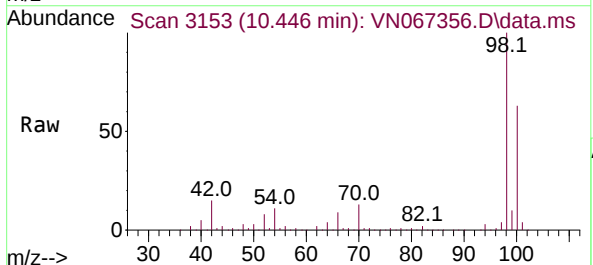
Instrument :
MSVOA_N
ClientSampled :



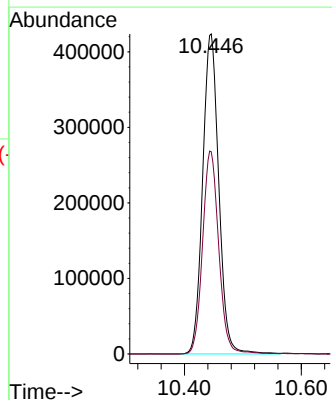
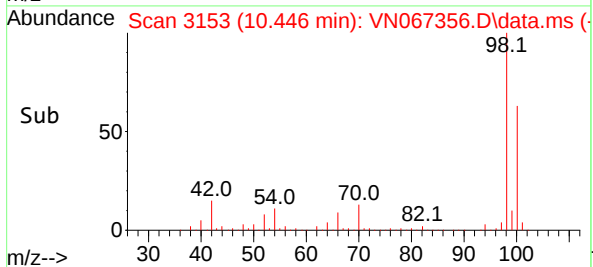
Tgt Ion:117 Resp: 41010
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.2#
121 0.0 23.5 35.3#

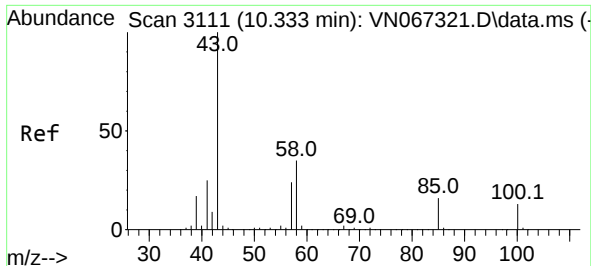


#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14



Tgt Ion: 98 Resp: 811608
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

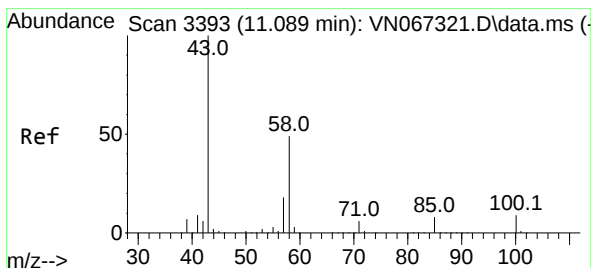
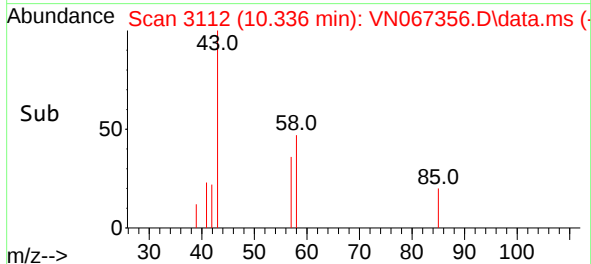
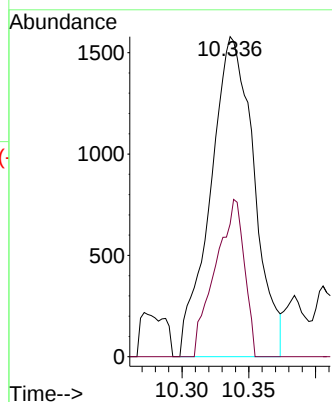
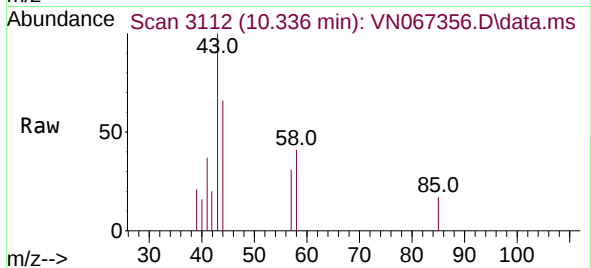




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

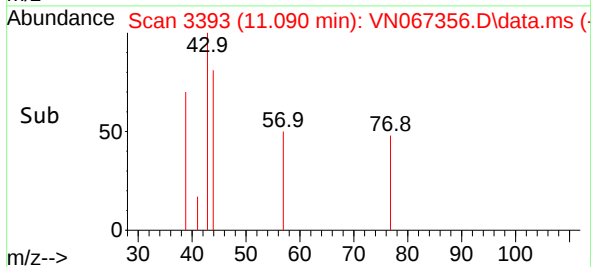
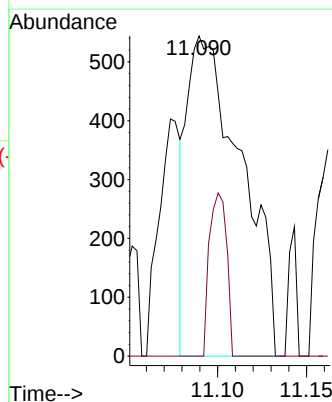
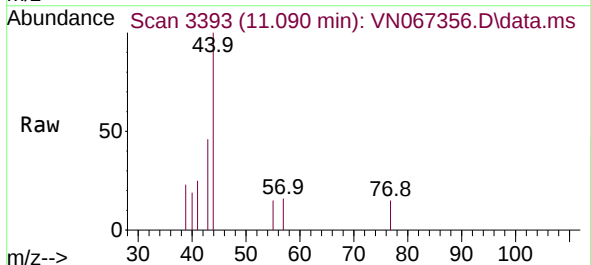
Instrument :
MSVOA_N
ClientSampled :

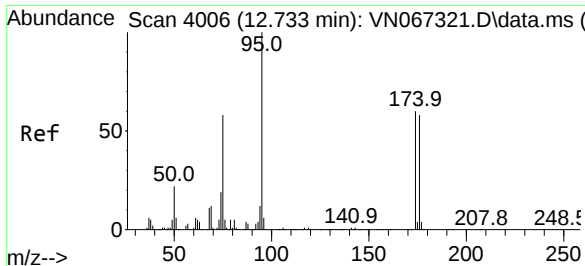
Tgt Ion: 43 Resp: 3592
Ion Ratio Lower Upper
43 100
58 32.5 28.6 43.0



#59
2-Hexanone
Concen: 0.203 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.001 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 16.0 24.7 74.1#

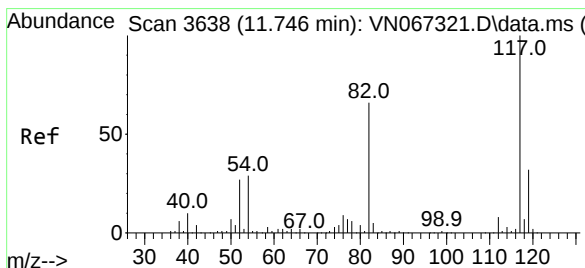
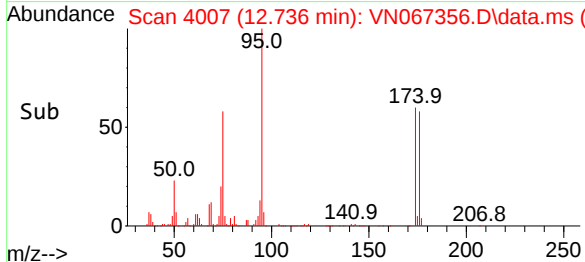
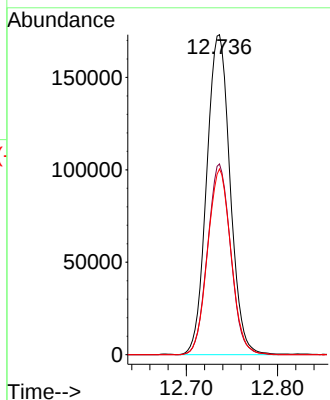
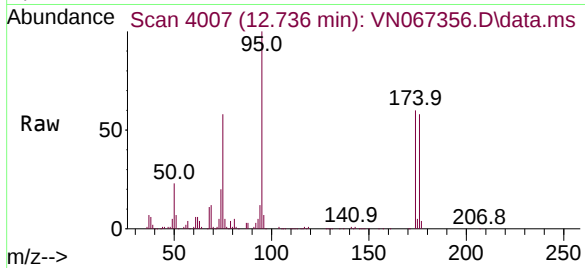




#62
4-Bromofluorobenzene
Concen: 46.548 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

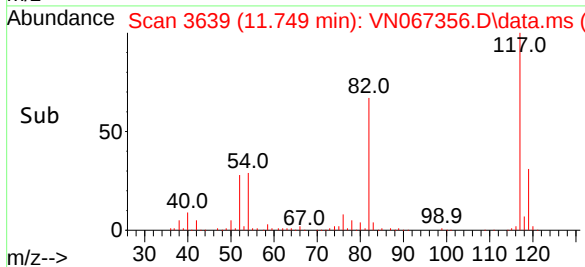
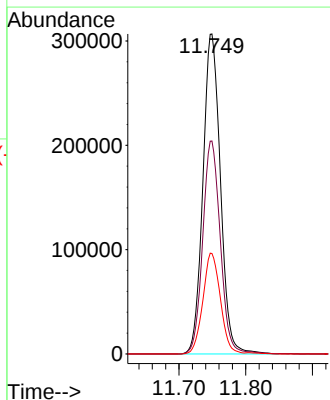
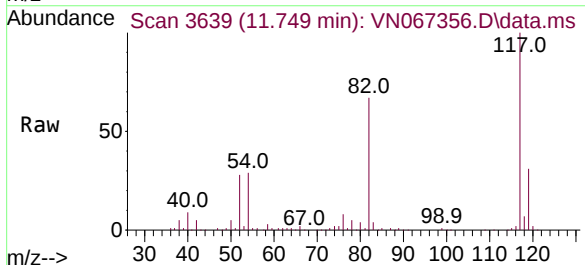
Instrument :
MSVOA_N
ClientSampleId :

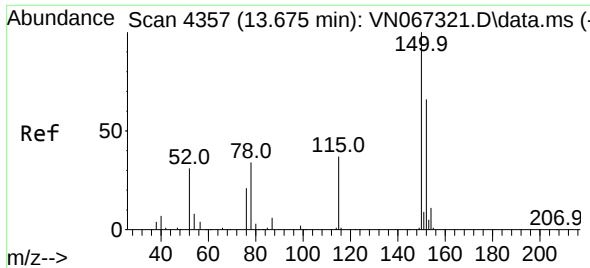
Tgt Ion: 95 Resp: 309443
Ion Ratio Lower Upper
95 100
174 58.8 0.0 122.0
176 58.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

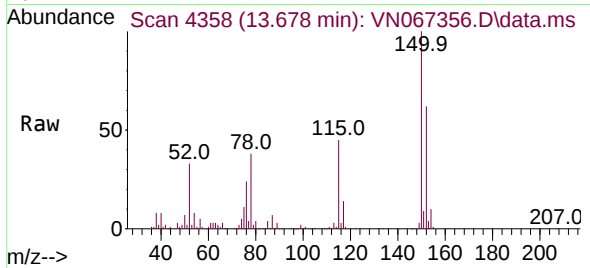
Tgt Ion: 117 Resp: 560194
Ion Ratio Lower Upper
117 100
82 66.5 53.1 79.7
119 31.4 25.5 38.3



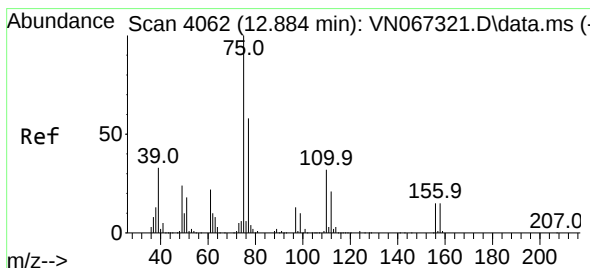
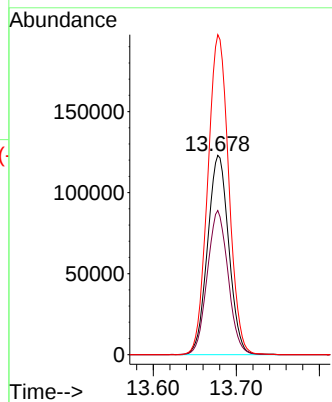
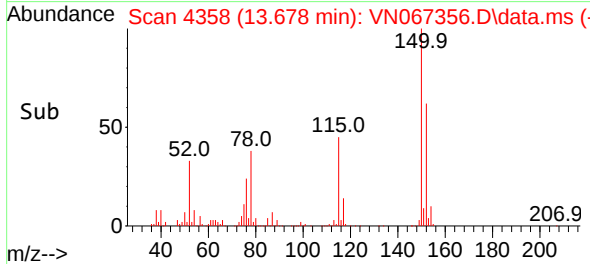


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN067356.D
 Acq: 15 Jun 2021 19:14

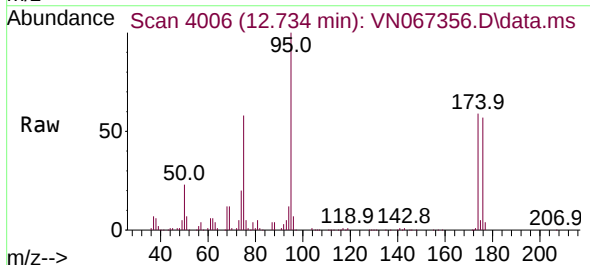
Instrument :
 MSVOA_N
 ClientSampled :



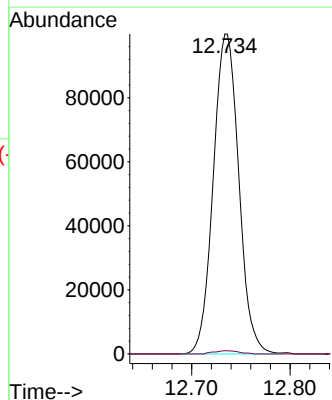
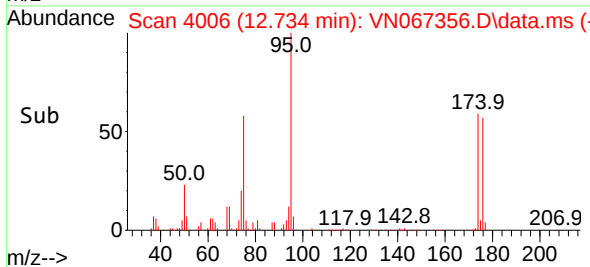
Tgt Ion:152 Resp: 217879
 Ion Ratio Lower Upper
 152 100
 115 71.2 36.1 108.5
 150 159.0 0.0 351.8

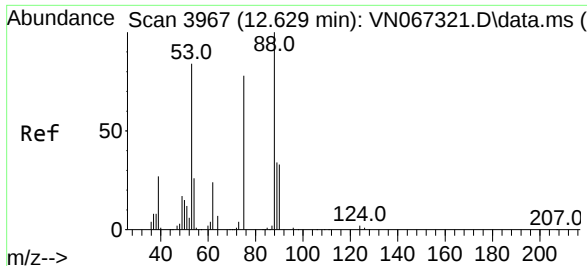


#76
 1,2,3-Trichloropropane
 Concen: 31.798 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.150 min
 Lab File: VN067356.D
 Acq: 15 Jun 2021 19:14



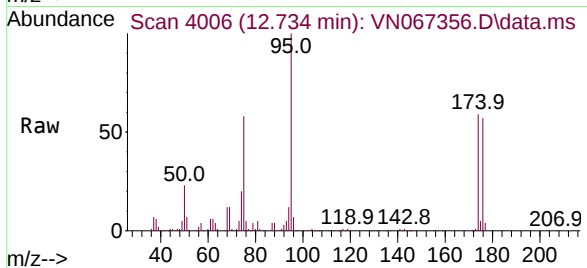
Tgt Ion: 75 Resp: 179911
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



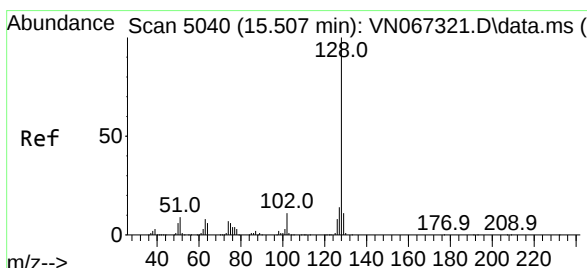
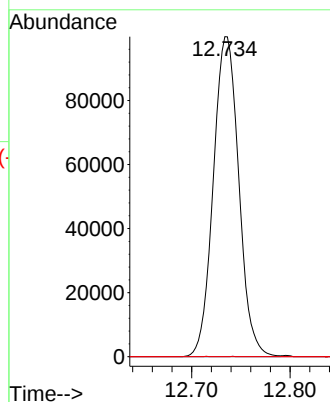
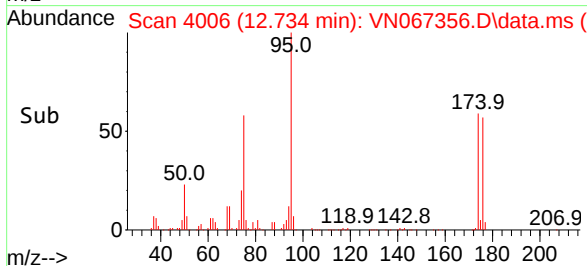


#81
trans-1,4-Dichloro-2-butene
Concen: 78.805 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14

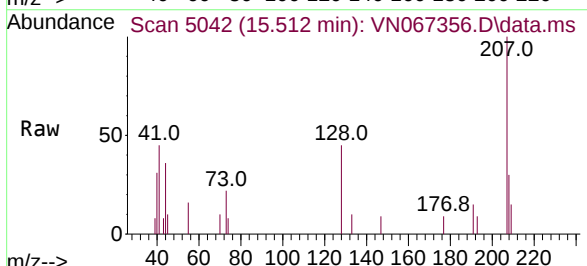
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 179911
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.697 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067356.D
Acq: 15 Jun 2021 19:14



Tgt Ion: 128 Resp: 1244
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

