

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
 Data File : VN067353.D
 Acq On : 15 Jun 2021 18:01
 Operator : JC/MD
 Sample : M2678-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 02:40:25 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)

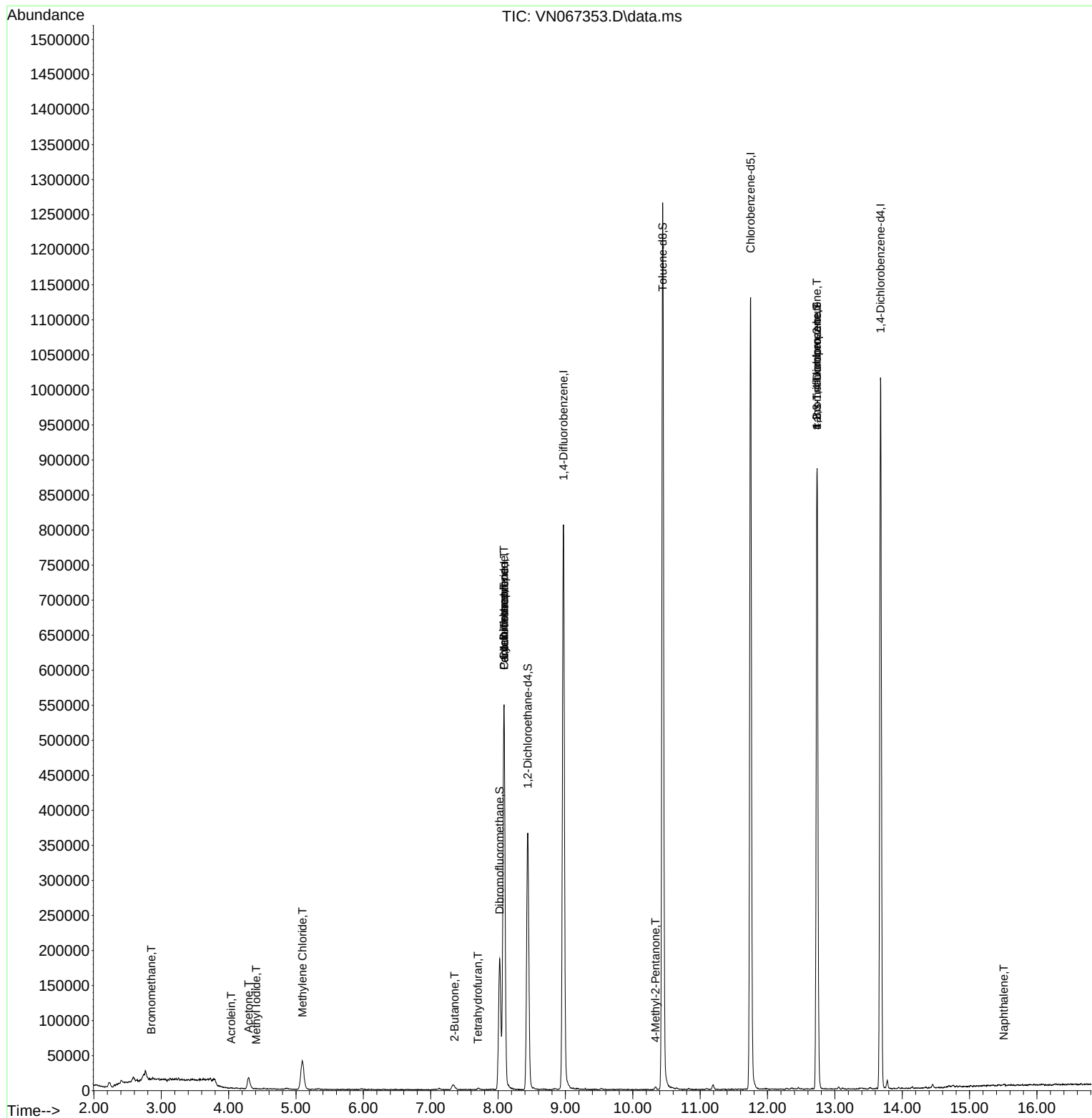
Internal Standards						
1) Pentafluorobenzene	8.091	168	351759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	666719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	604149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	234192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	330008	47.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.024	113	133478	30.102	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	60.200%#		
50) Toluene-d8	10.443	98	856519	50.397	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.800%		
62) 4-Bromofluorobenzene	12.734	95	330264	47.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.180%		
Target Compounds						Qvalue
5) Bromomethane	2.853	94	483	0.217	ug/l #	37
10) Methyl Iodide	4.411	142	26	6.749	ug/l #	33
13) Acrolein	4.039	56	564	0.791	ug/l #	30
16) Acetone	4.296	43	28850	10.834	ug/l	98
20) Methylene Chloride	5.095	84	30780	5.555	ug/l	97
25) 2-Butanone	7.354	43	5118	1.345	ug/l #	89
29) Tetrahydrofuran	7.699	42	879	0.366	ug/l #	65
31) Cyclohexane	8.088	56	12312	1.305	ug/l #	24
36) 1,1-Dichloropropene	8.088	75	38897	5.204	ug/l #	52
38) Carbon Tetrachloride	8.091	117	44944	5.594	ug/l #	16
51) 4-Methyl-2-Pentanone	10.339	43	3132	0.383	ug/l #	69
76) 1,2,3-Trichloropropane	12.734	75	194488	31.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	194488	79.256	ug/l #	6
95) Naphthalene	15.507	128	2015	2.742	ug/l #	71

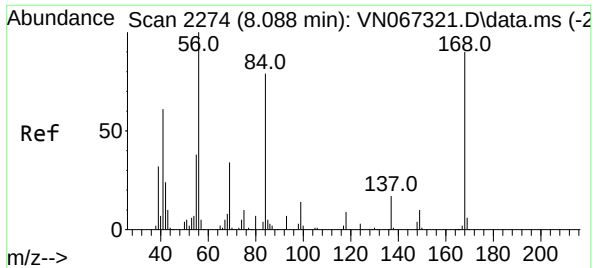
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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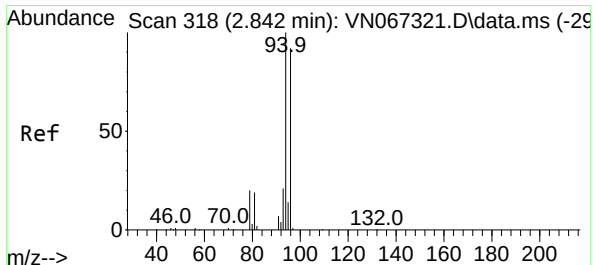
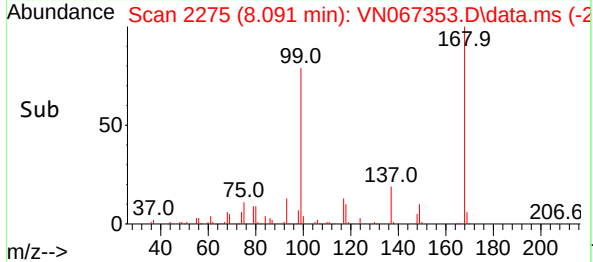
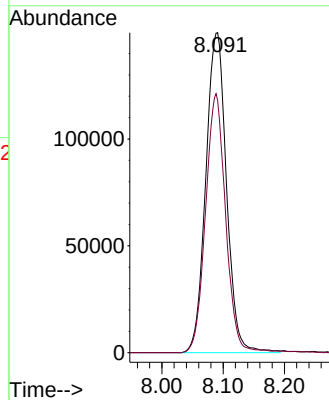
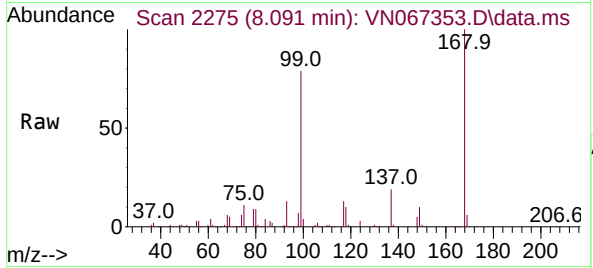




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

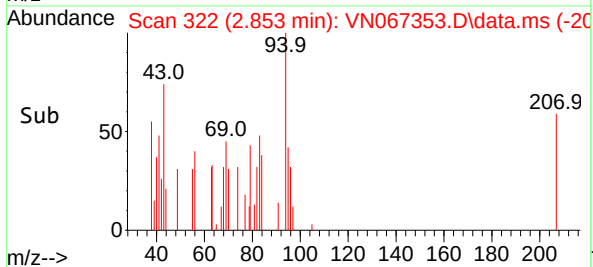
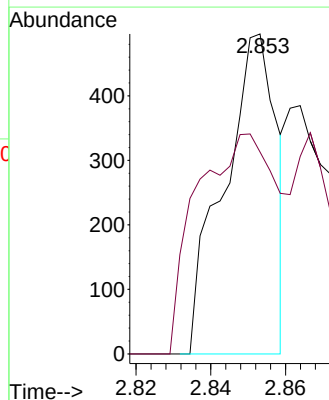
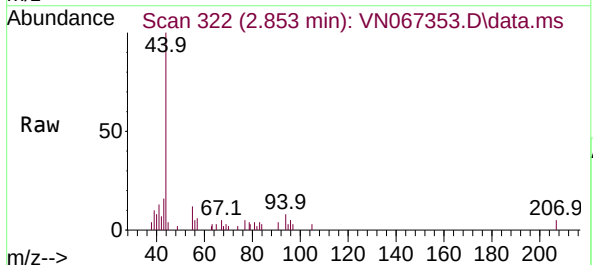
Instrument :
MSVOA_N
ClientSampleId :

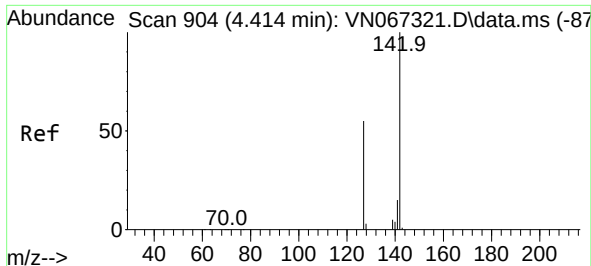
Tgt Ion:168 Resp: 351759
Ion Ratio Lower Upper
168 100
99 78.8 62.9 94.3



#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.853 min Scan# 322
Delta R.T. 0.011 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 32.1 73.7 110.5#

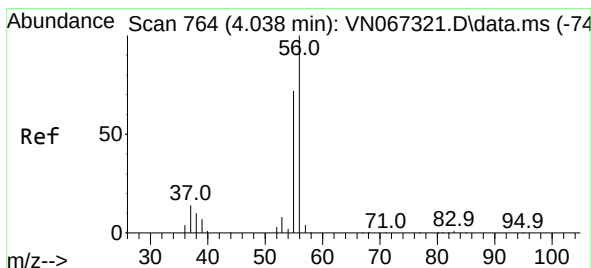
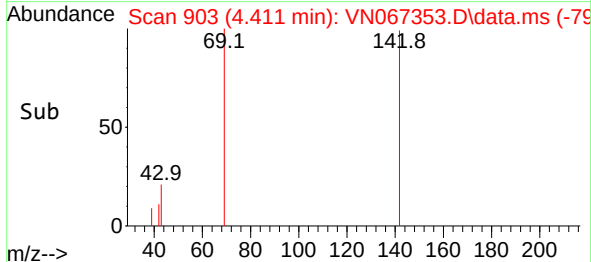
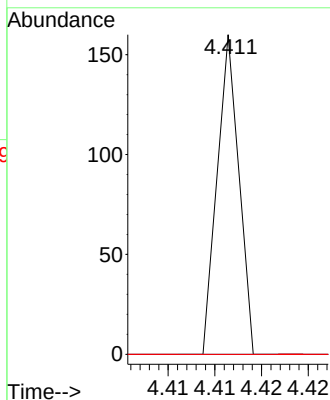
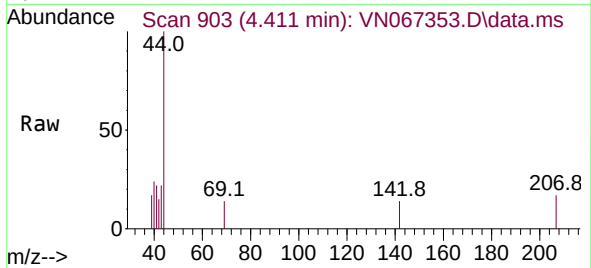




#10
Methyl Iodide
Concen: 6.749 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

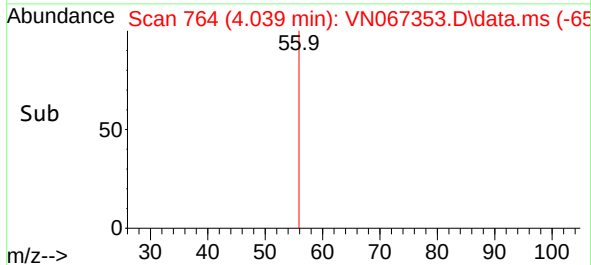
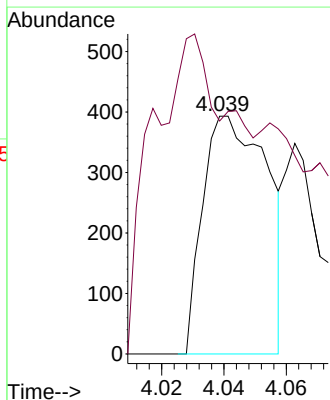
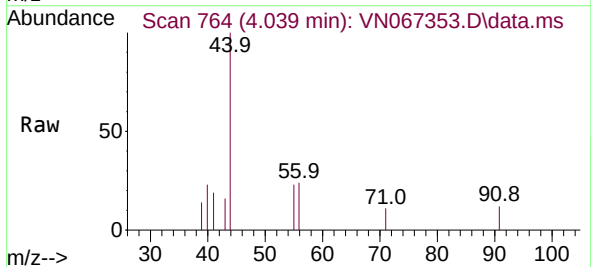
Instrument :
MSVOA_N
ClientSampleId :

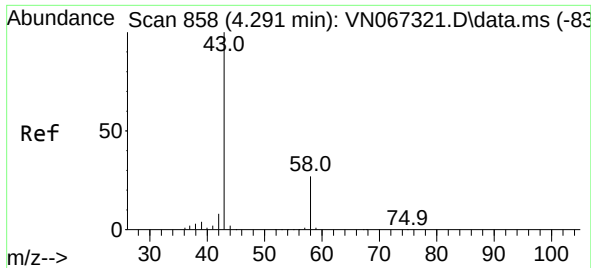
Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.791 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 56 Resp: 564
Ion Ratio Lower Upper
56 100
55 129.8 57.4 86.0#

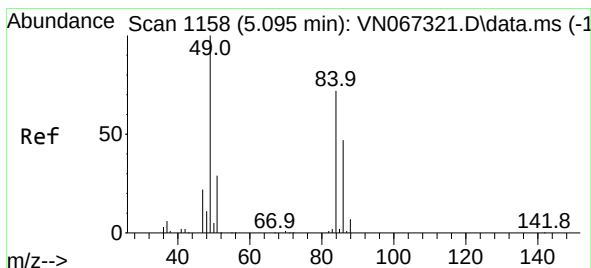
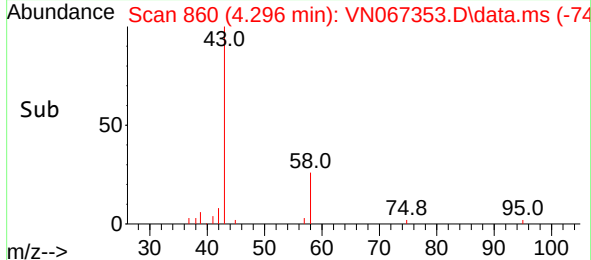
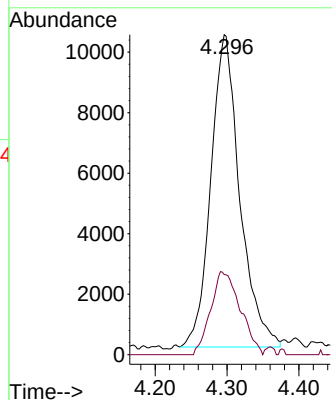
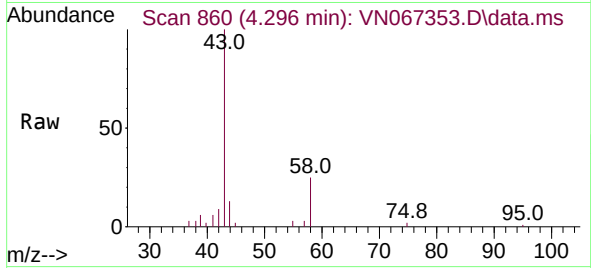




#16
Acetone
Concen: 10.834 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

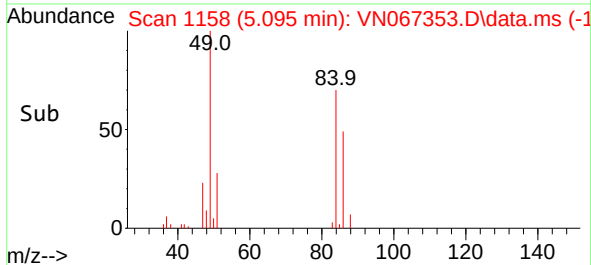
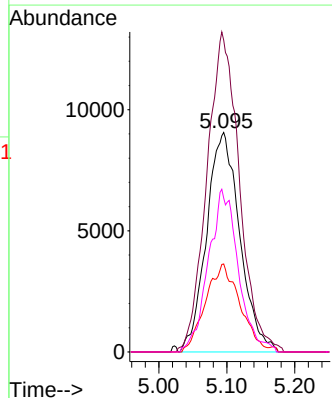
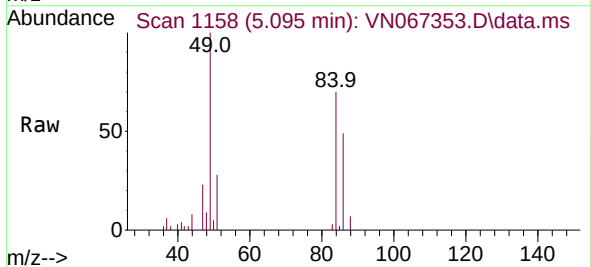
Instrument :
MSVOA_N
ClientSampled :

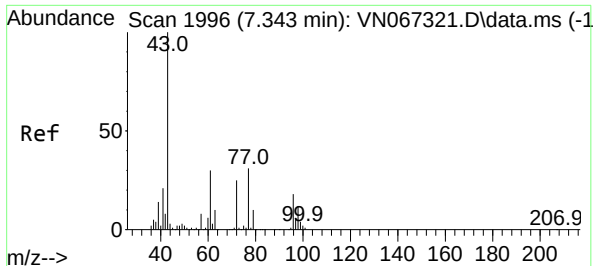
Tgt Ion: 43 Resp: 28850
Ion Ratio Lower Upper
43 100
58 25.7 21.2 31.8



#20
Methylene Chloride
Concen: 5.555 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 84 Resp: 30780
Ion Ratio Lower Upper
84 100
49 139.9 110.9 166.3
51 40.1 32.6 49.0
86 70.1 51.6 77.4

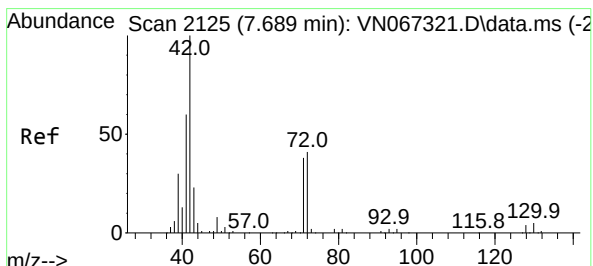
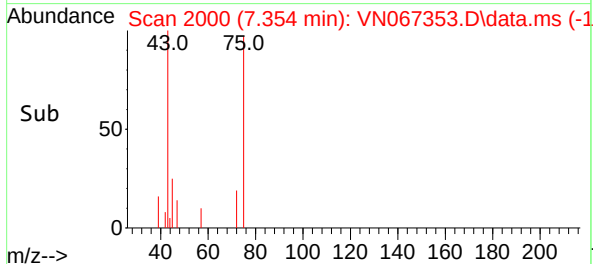
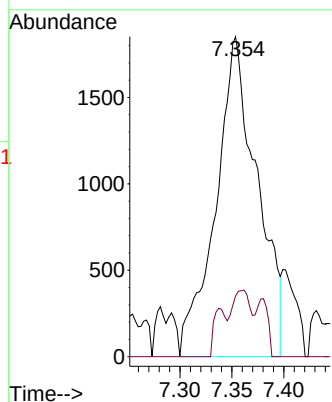
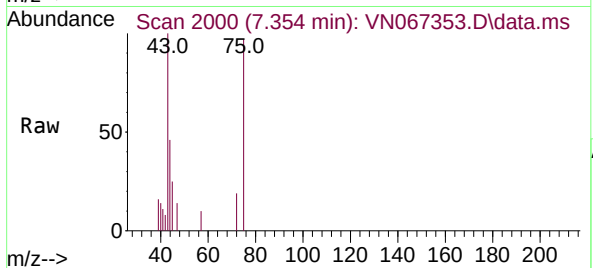




#25
2-Butanone
Concen: 1.345 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.011 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

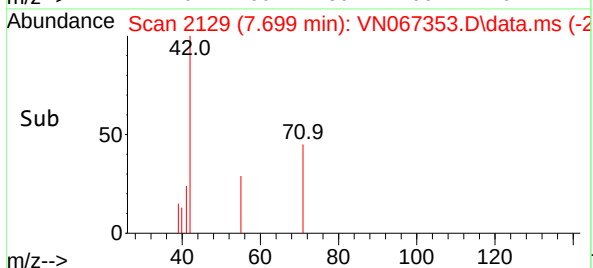
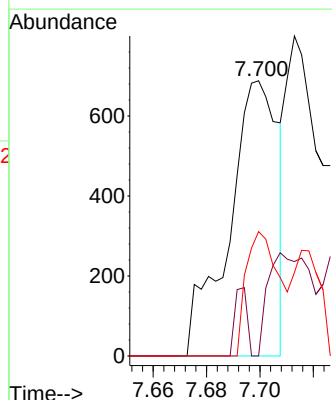
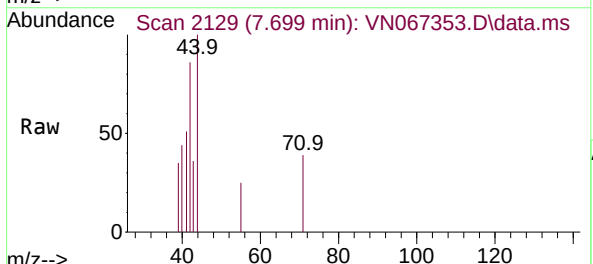
Instrument :
MSVOA_N
ClientSampled :

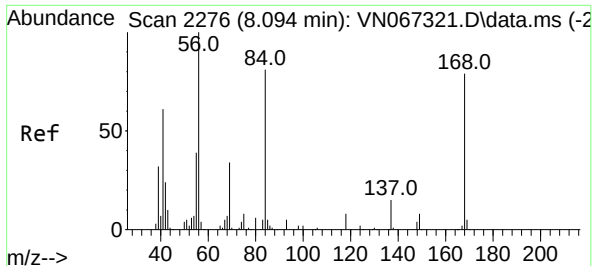
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
72 19.0 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.366 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.010 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 42 Resp: 879
Ion Ratio Lower Upper
42 100
72 6.1 32.8 49.2#
71 30.4 31.2 46.8#

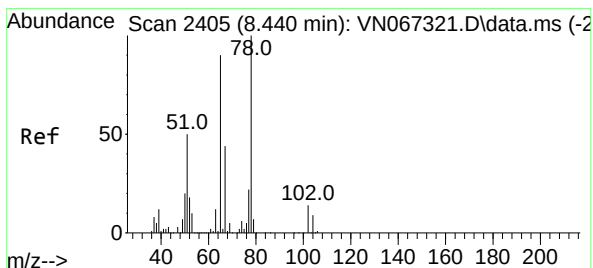
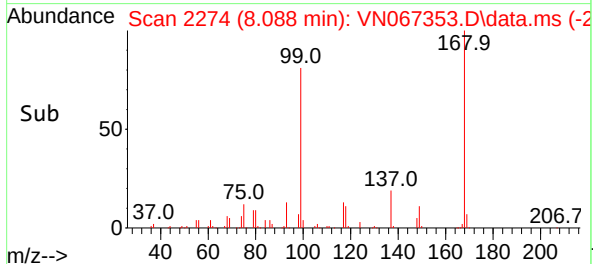
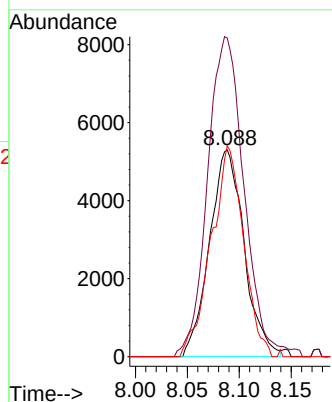
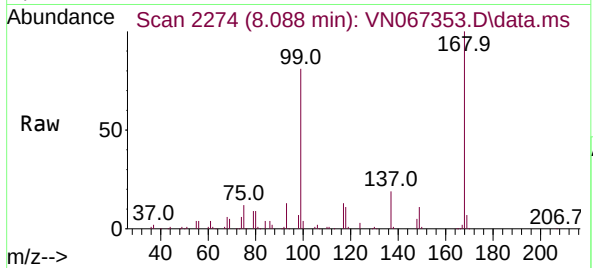




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

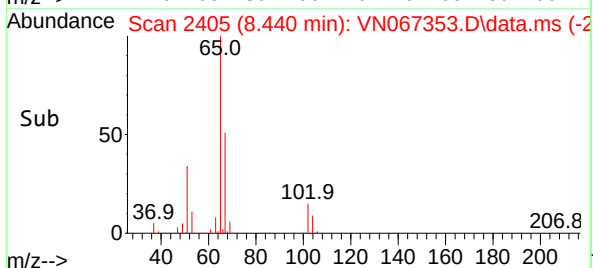
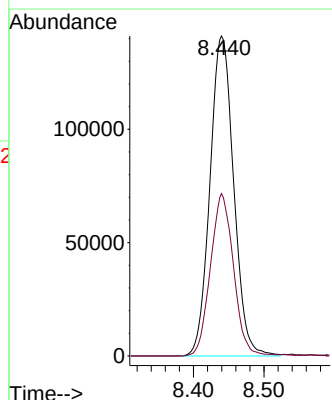
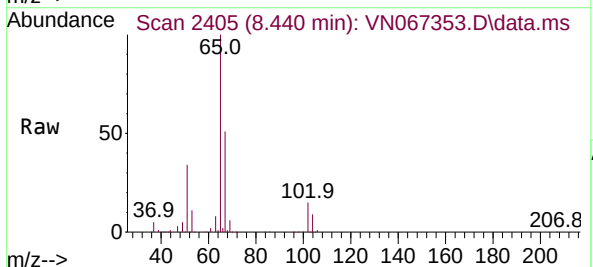
Instrument :
MSVOA_N
ClientSampled :

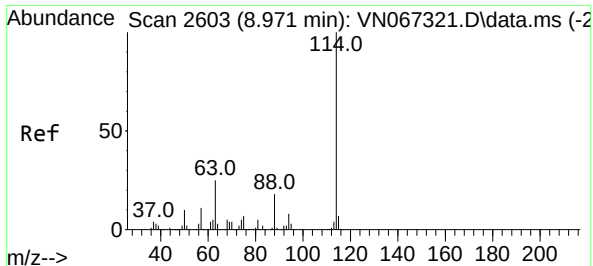
Tgt Ion: 56 Resp: 12312
Ion Ratio Lower Upper
56 100
69 150.4 27.3 40.9#
84 101.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 47.557 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 65 Resp: 330008
Ion Ratio Lower Upper
65 100
67 49.2 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: VN067353.D

Acq: 15 Jun 2021 18:01

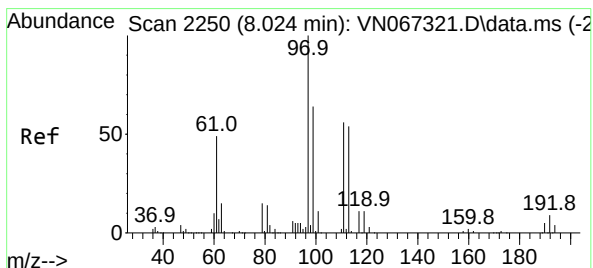
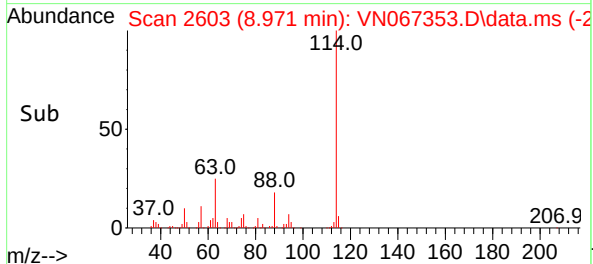
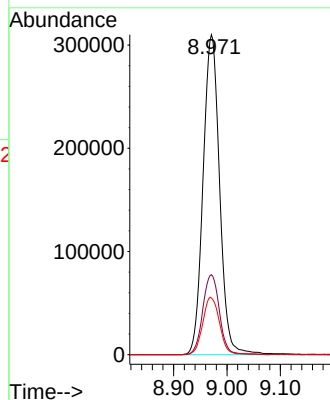
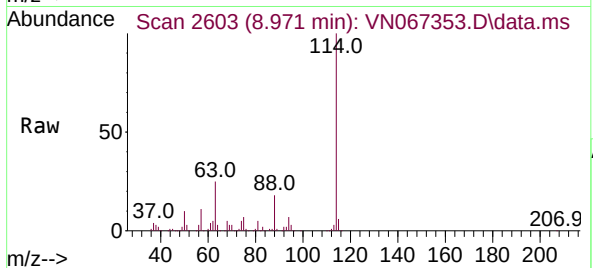
Tgt Ion:114 Resp: 666719

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.0

88 17.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 30.102 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN067353.D

Acq: 15 Jun 2021 18:01

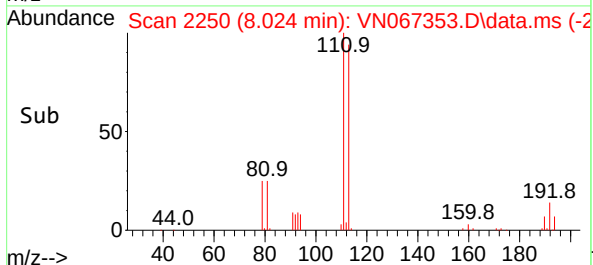
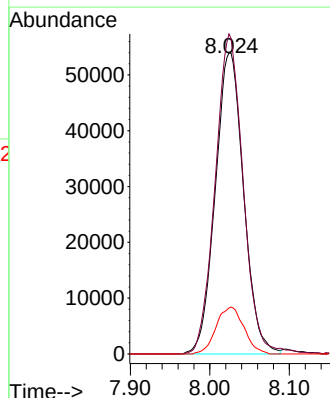
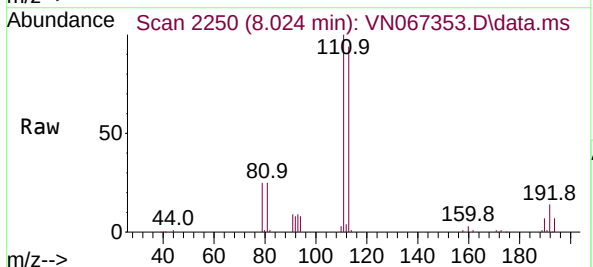
Tgt Ion:113 Resp: 133478

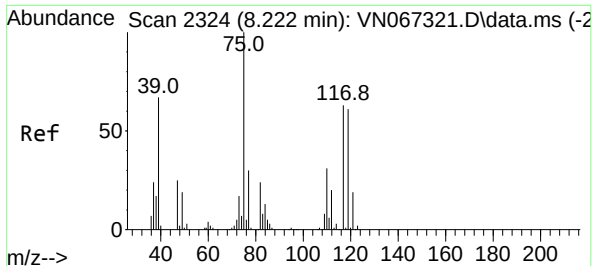
Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.8

192 15.3 13.4 20.0

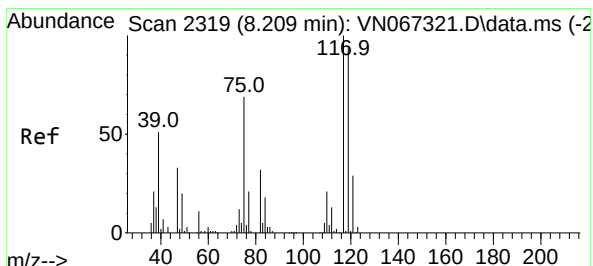
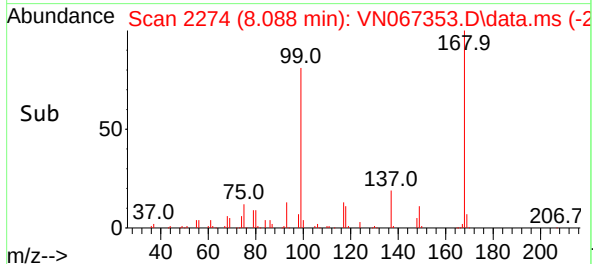
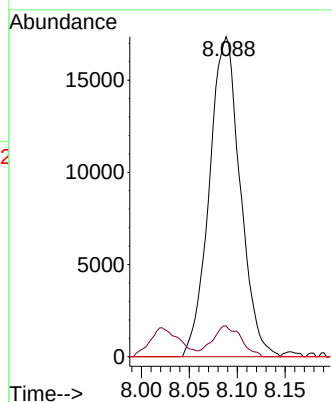
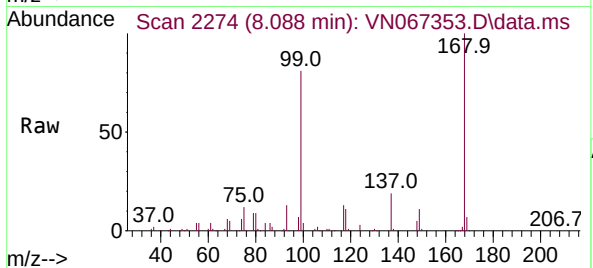




#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

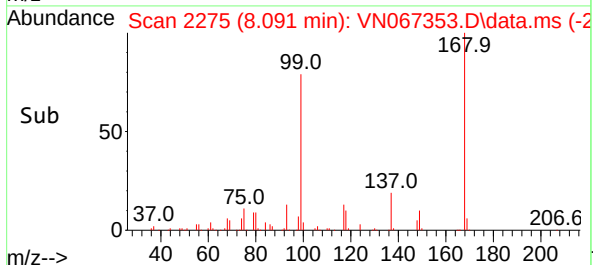
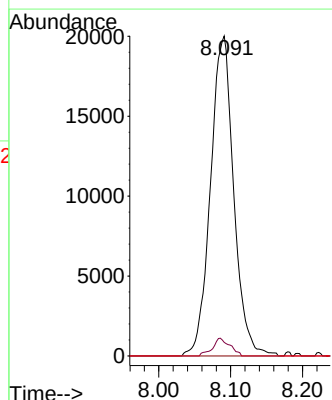
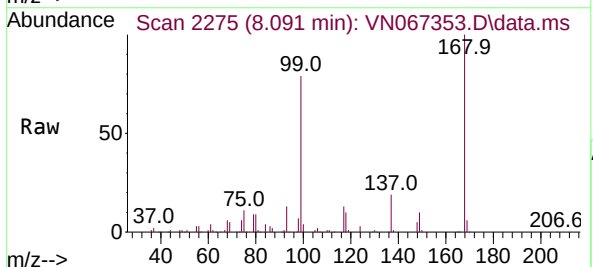
Instrument :
MSVOA_N
ClientSampleId :

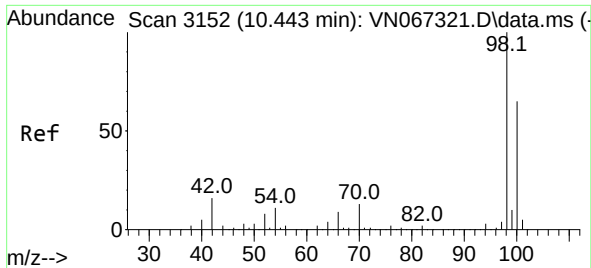
Tgt Ion: 75 Resp: 38897
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 117 Resp: 44944
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.2#
121 0.0 23.5 35.3#

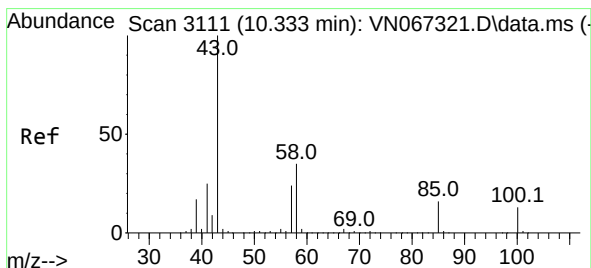
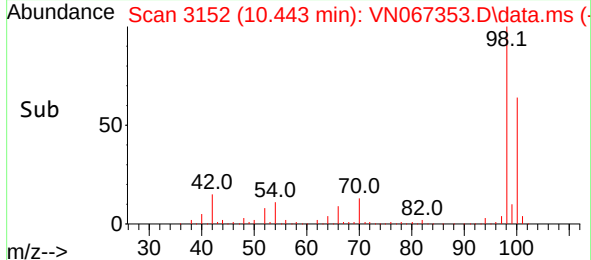
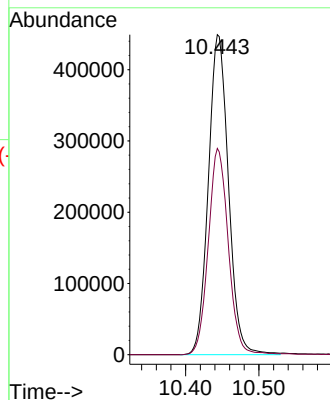
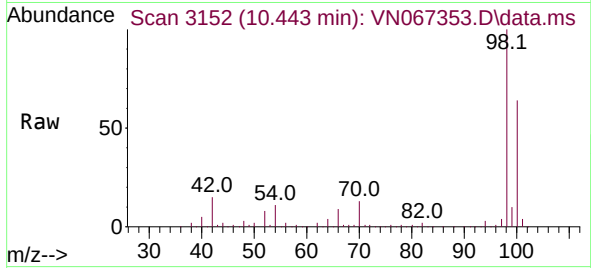




#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

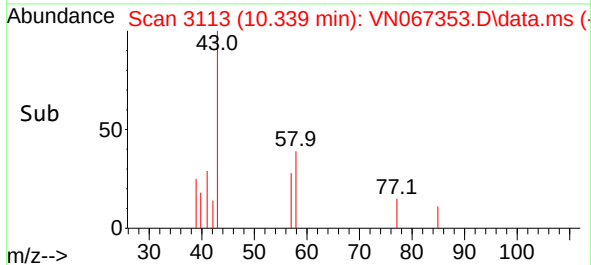
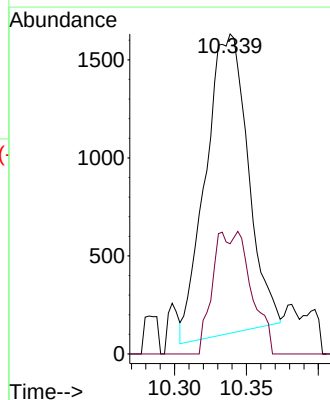
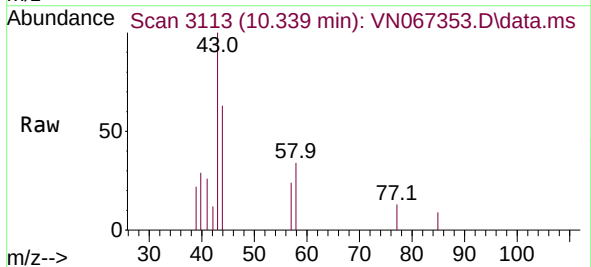
Instrument :
MSVOA_N
ClientSampled :

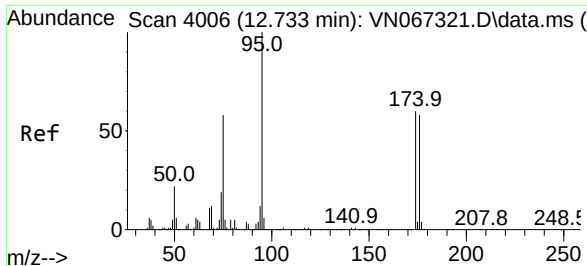
Tgt Ion: 98 Resp: 856519
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.383 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 43 Resp: 3132
Ion Ratio Lower Upper
43 100
58 17.8 28.6 43.0#

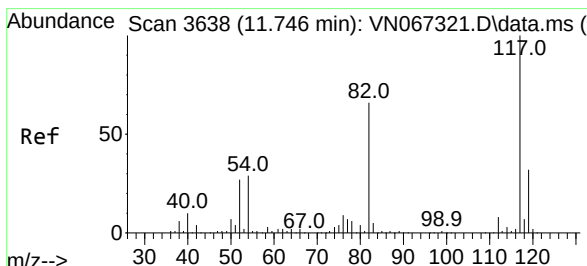
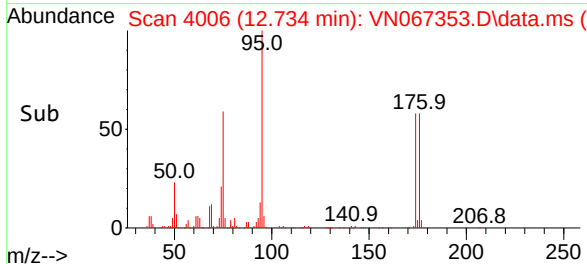
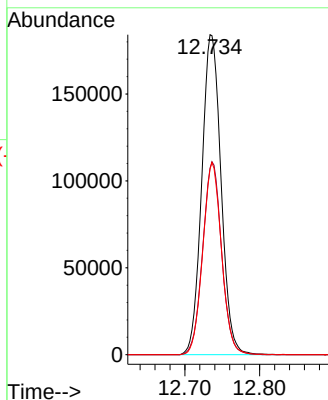
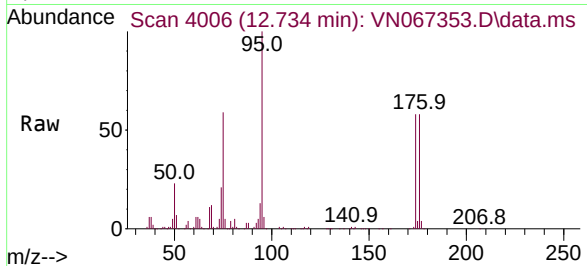




#62
4-Bromofluorobenzene
Concen: 47.087 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

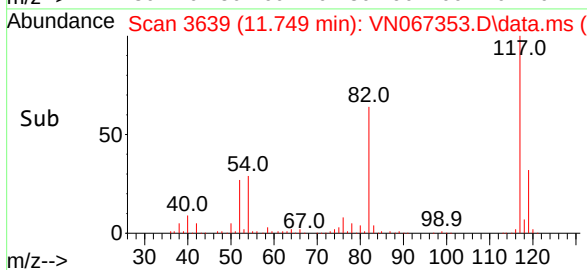
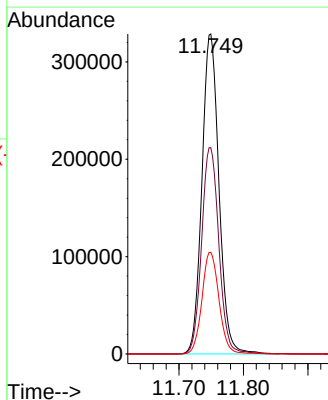
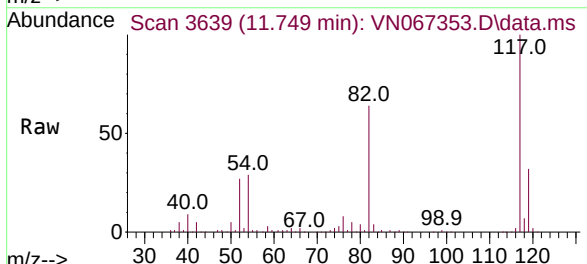
Instrument :
MSVOA_N
ClientSampleId :

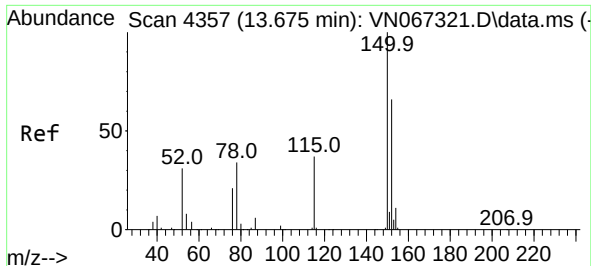
Tgt Ion: 95 Resp: 330264
Ion Ratio Lower Upper
95 100
174 59.2 0.0 122.0
176 58.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

Tgt Ion: 117 Resp: 604149
Ion Ratio Lower Upper
117 100
82 64.4 53.1 79.7
119 31.8 25.5 38.3

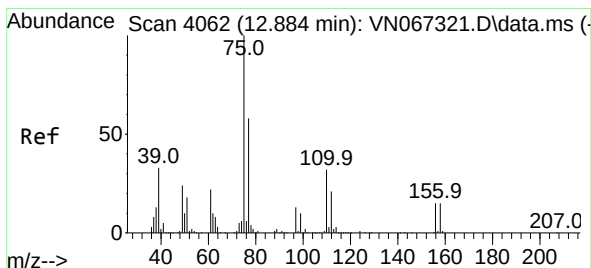
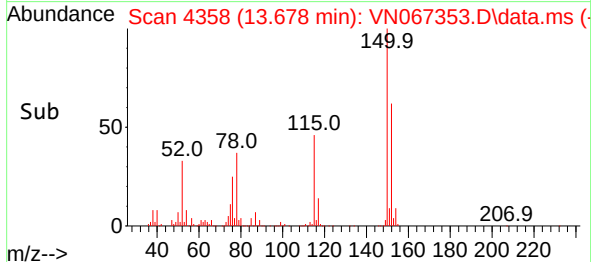
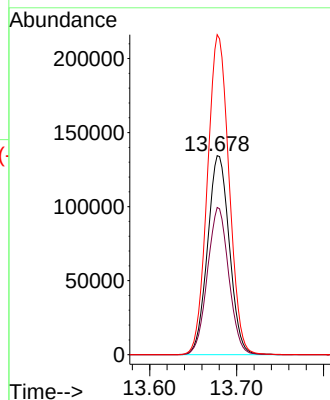
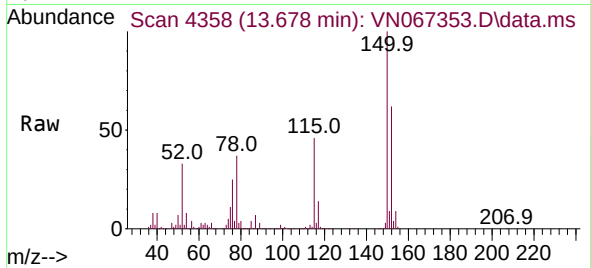




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

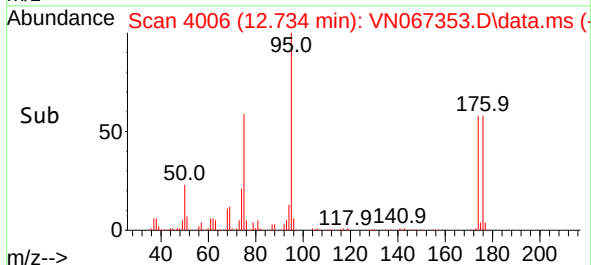
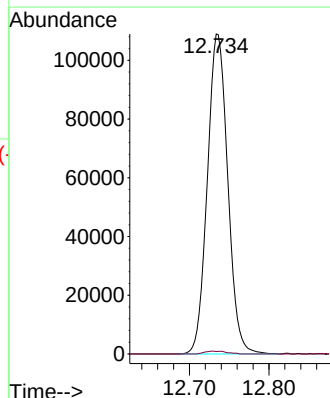
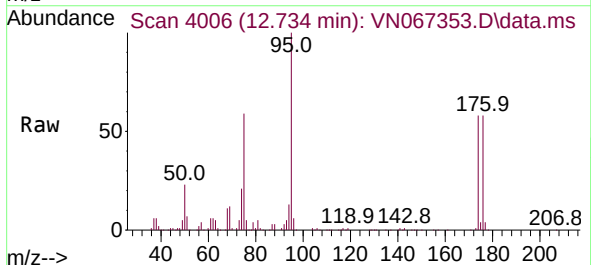
Instrument :
MSVOA_N
ClientSampled :

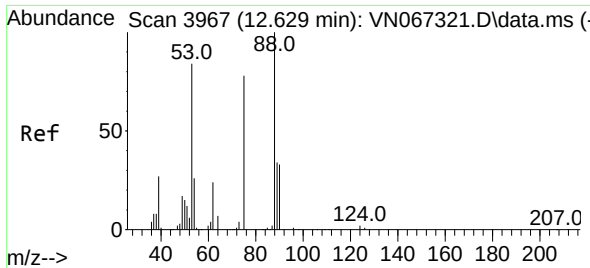
Tgt Ion:152 Resp: 234192
Ion Ratio Lower Upper
152 100
115 72.4 36.1 108.5
150 159.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 31.980 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

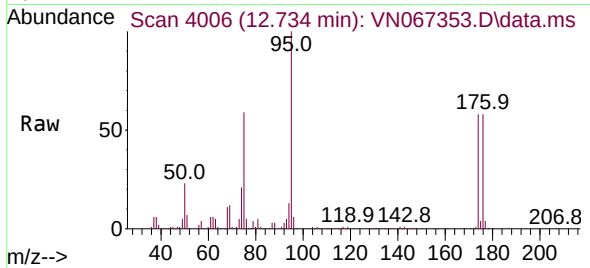
Tgt Ion: 75 Resp: 194488
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



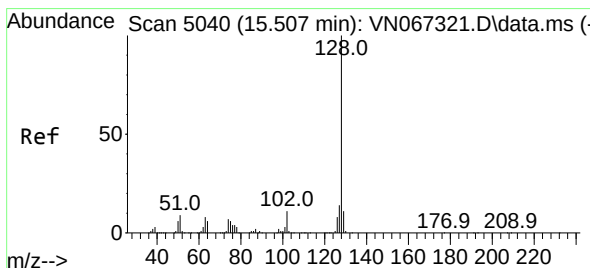
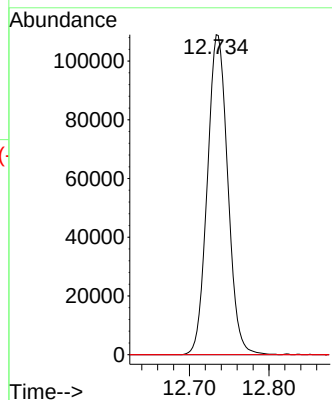
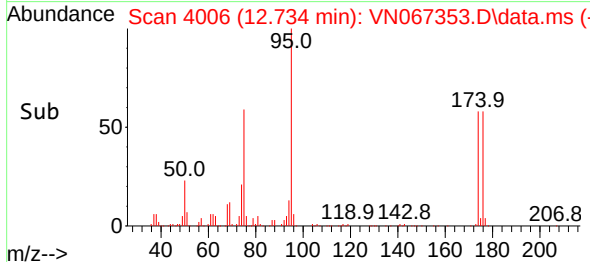


#81
trans-1,4-Dichloro-2-butene
Concen: 79.256 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01

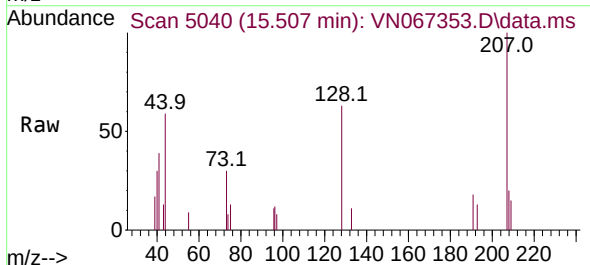
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 194488
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.742 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067353.D
Acq: 15 Jun 2021 18:01



Tgt Ion: 128 Resp: 2015
Ion Ratio Lower Upper
128 100
127 1.3 10.6 15.8#
129 0.0 8.6 12.8#

