

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067428.D
 Acq On : 21 Jun 2021 19:52
 Operator : JC/MD
 Sample : M2787-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41216

Quant Time: Jun 22 03:13:14 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)

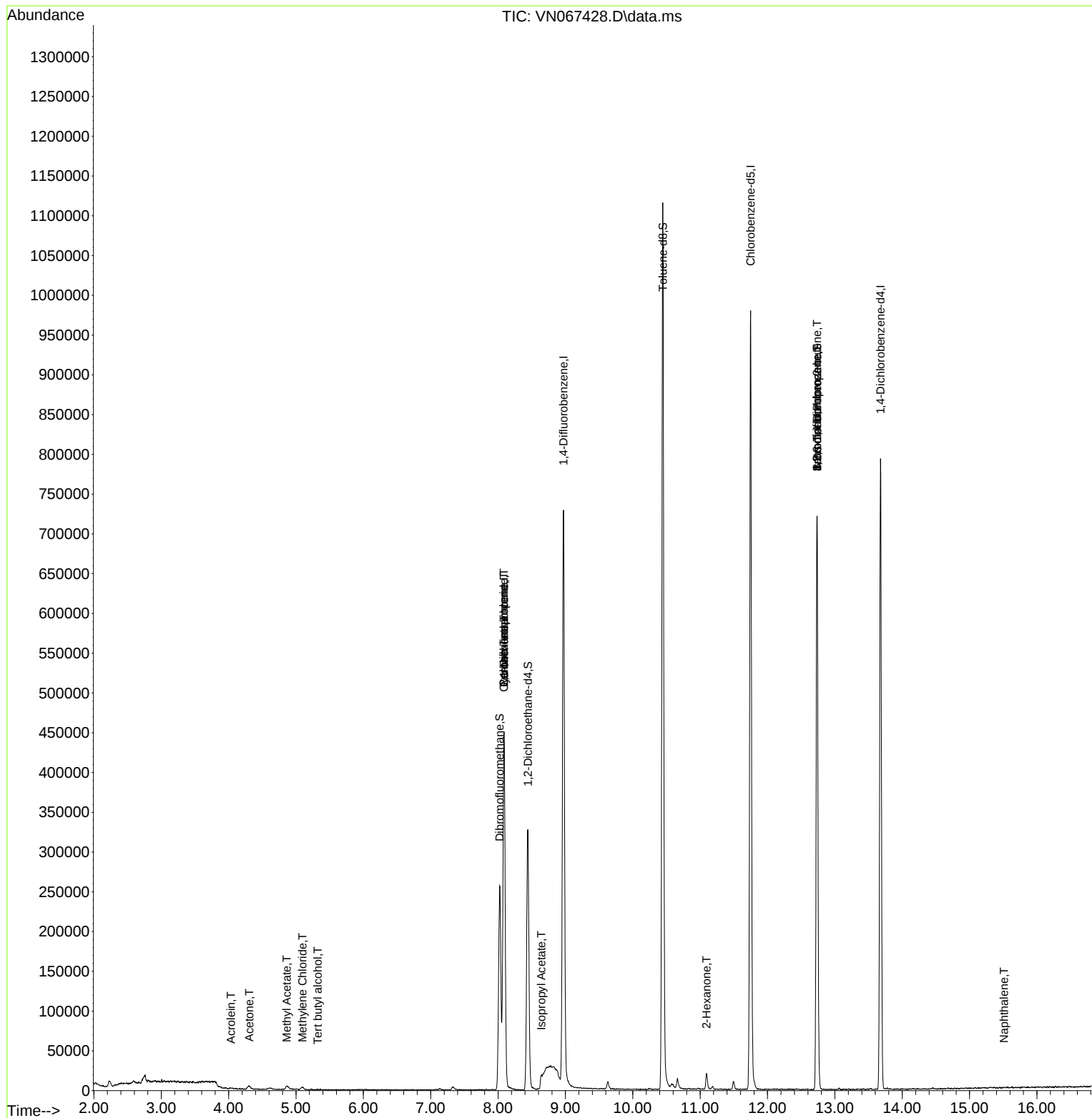
Internal Standards						
1) Pentafluorobenzene	8.088	168	282568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	586117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	514964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	181298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	280697	50.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.72%			
35) Dibromofluoromethane	8.024	113	184051	47.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.44%			
50) Toluene-d8	10.446	98	765085	51.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.42%			
62) 4-Bromofluorobenzene	12.736	95	267924	43.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.90%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.323	59	193	0.21	ug/l #	71
13) Acrolein	4.036	56	128	0.22	ug/l #	1
16) Acetone	4.307	43	8464	3.96	ug/l	95
18) Methyl Acetate	4.864	43	8309	1.60	ug/l #	58
20) Methylene Chloride	5.095	84	2618	0.59	ug/l #	78
31) Cyclohexane	8.085	56	10353	1.37	ug/l #	14
36) 1,1-Dichloropropene	8.088	75	33660	5.12	ug/l #	47
38) Carbon Tetrachloride	8.088	117	35638	5.05	ug/l #	16
43) Isopropyl Acetate	8.643	43	10237	0.82	ug/l #	58
59) 2-Hexanone	11.095	43	4084	0.77	ug/l #	44
71) Bromoform	12.736	173	2567	0.81	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	156998	33.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	156998	82.64	ug/l #	6
95) Naphthalene	15.512	128	244	2.63	ug/l #	69

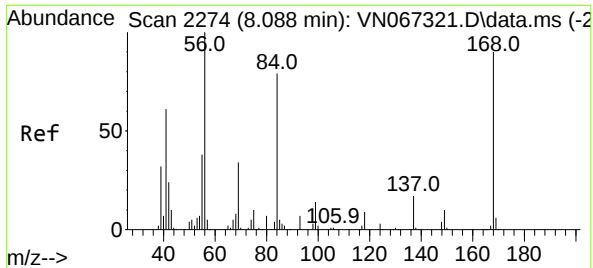
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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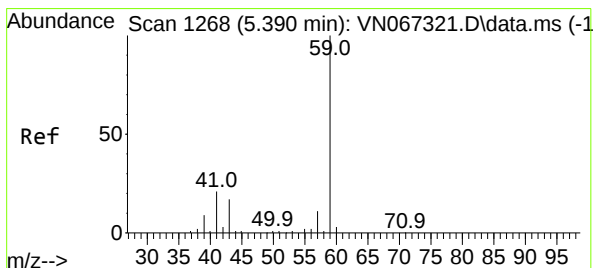
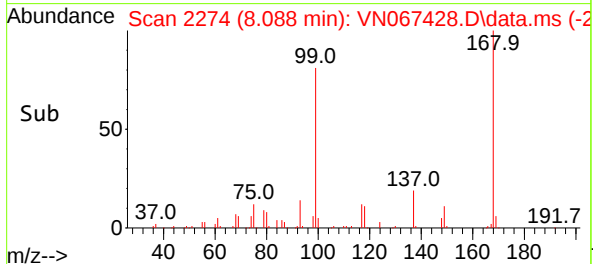
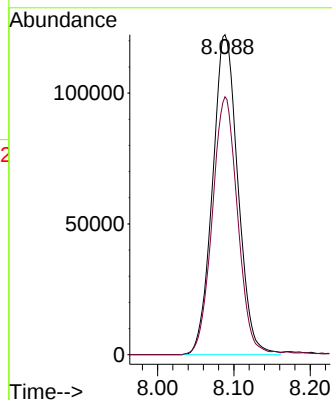
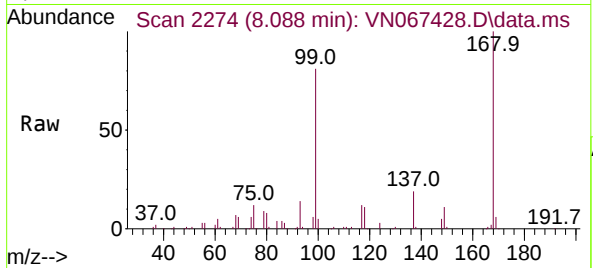




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

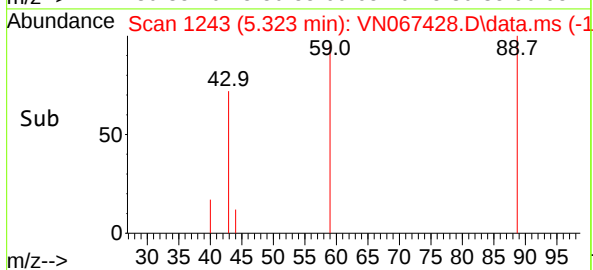
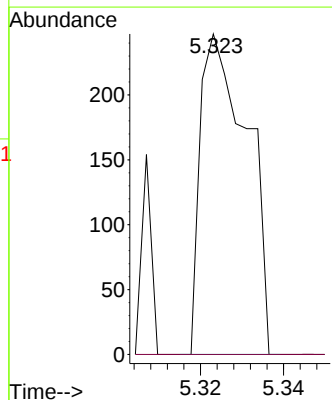
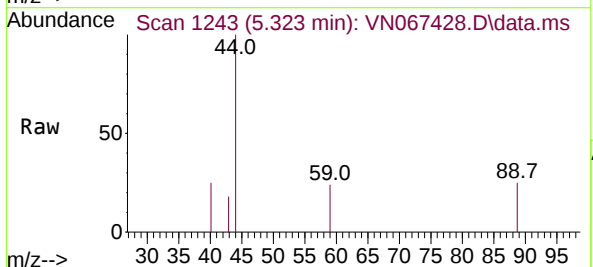
Instrument :
MSVOA_N
ClientSampled :
41216

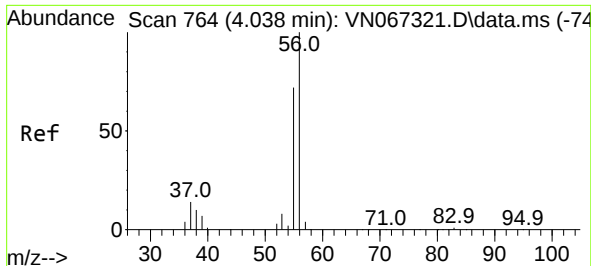
Tgt Ion:168 Resp: 282568
Ion Ratio Lower Upper
168 100
99 80.6 62.9 94.3



#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.067 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

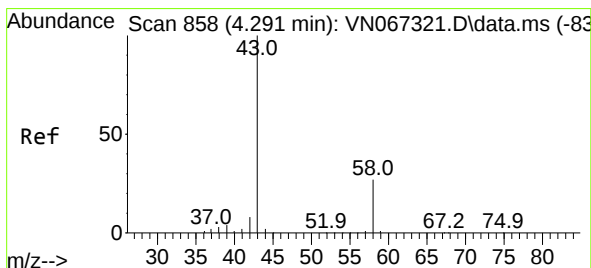
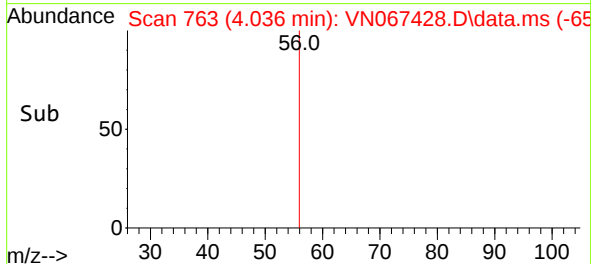
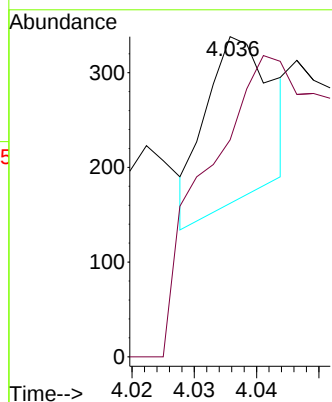
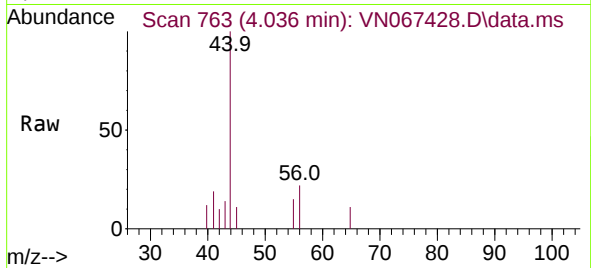




#13
Acrolein
Concen: 0.22 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.002 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

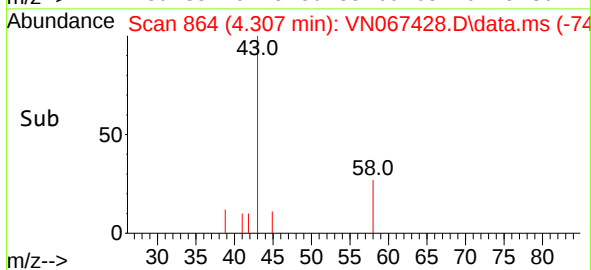
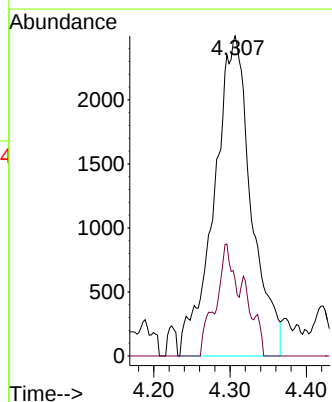
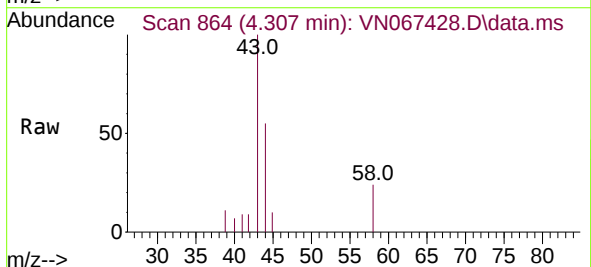
Instrument :
MSVOA_N
ClientSampleId :
41216

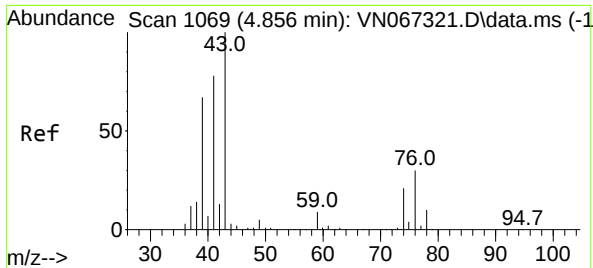
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 451.6 57.4 86.0#



#16
Acetone
Concen: 3.96 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 43 Resp: 8464
Ion Ratio Lower Upper
43 100
58 24.0 21.2 31.8

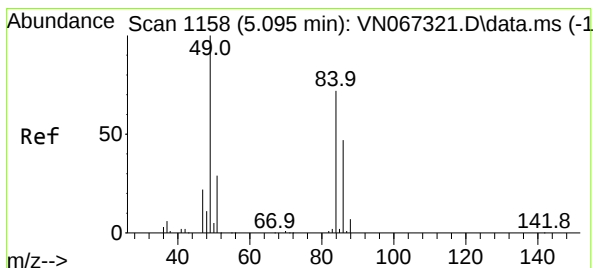
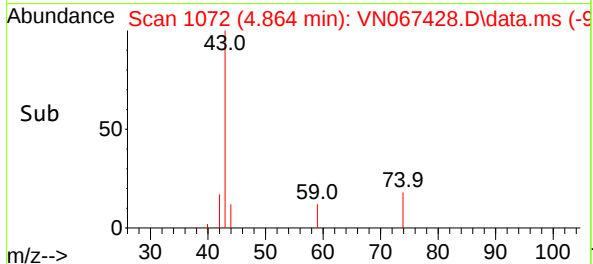
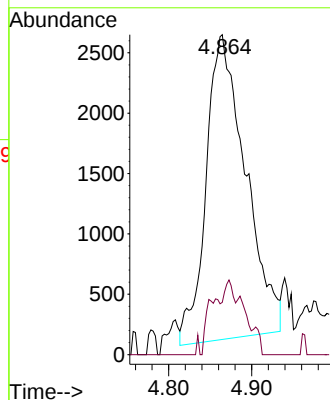
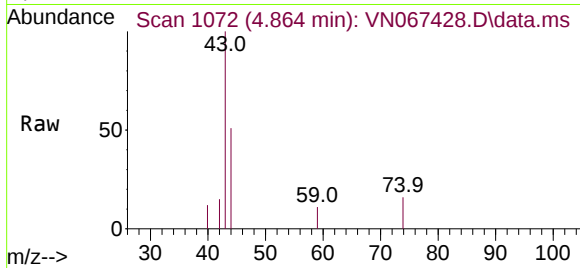




#18
Methyl Acetate
Concen: 1.60 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

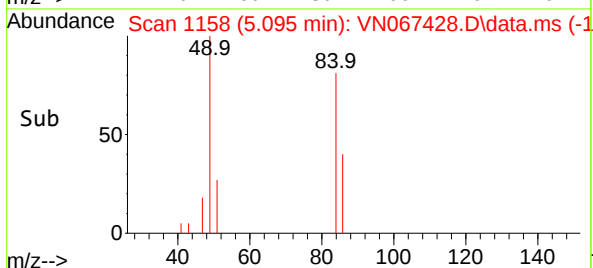
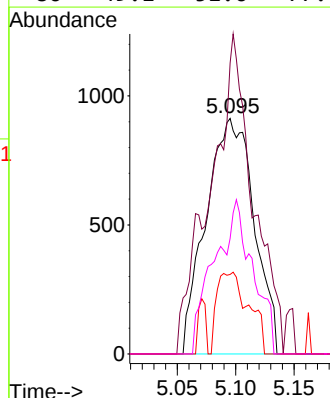
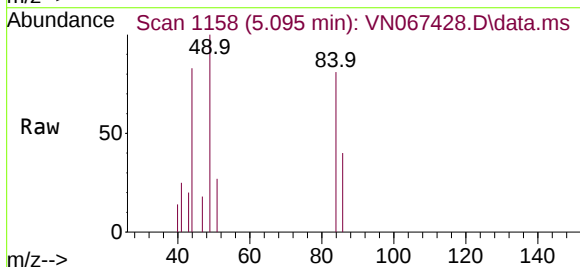
Instrument :
MSVOA_N
ClientSampled :
41216

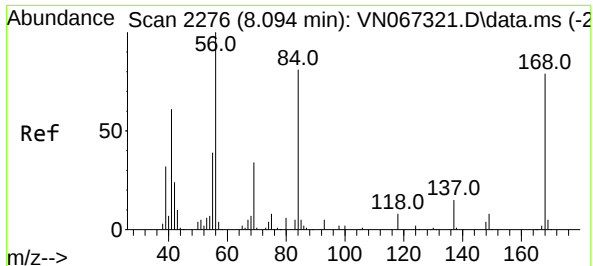
Tgt Ion: 43 Resp: 8309
Ion Ratio Lower Upper
43 100
74 2.0 17.4 26.0#



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 84 Resp: 2618
Ion Ratio Lower Upper
84 100
49 106.0 110.9 166.3#
51 33.7 32.6 49.0
86 49.1 51.6 77.4#

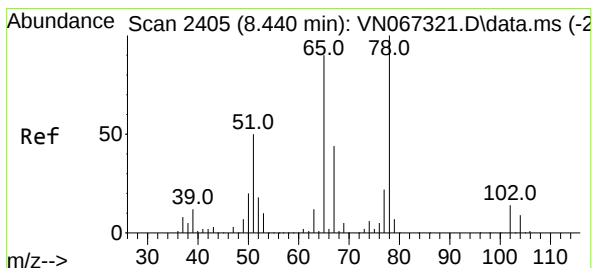
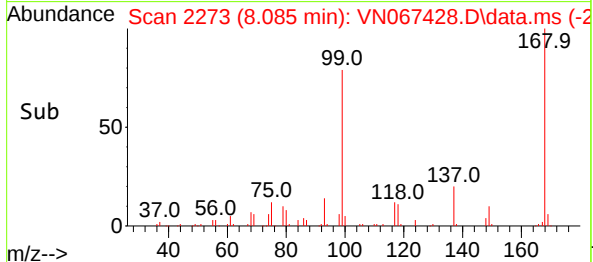
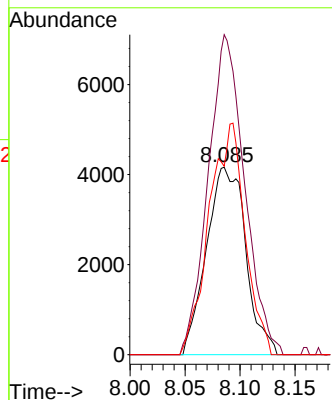
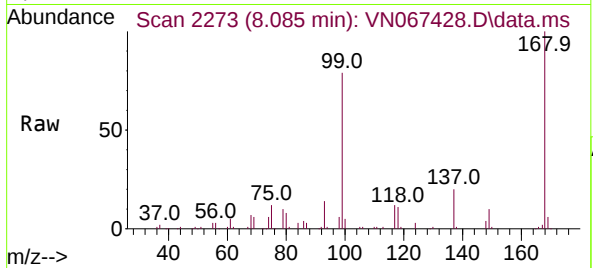




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

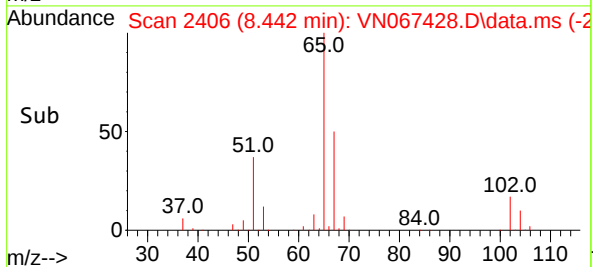
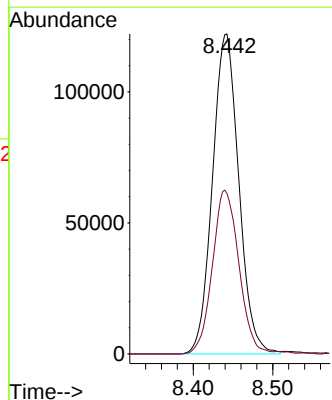
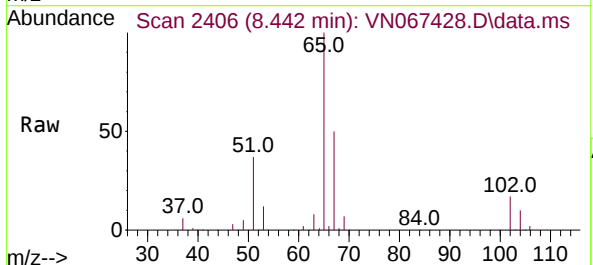
Instrument :
MSVOA_N
ClientSampleId :
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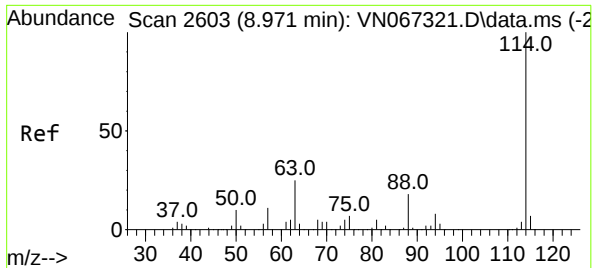
Tgt Ion: 56 Resp: 10353
Ion Ratio Lower Upper
56 100
69 170.6 27.3 40.9#
84 100.5 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.36 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 65 Resp: 280697
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6

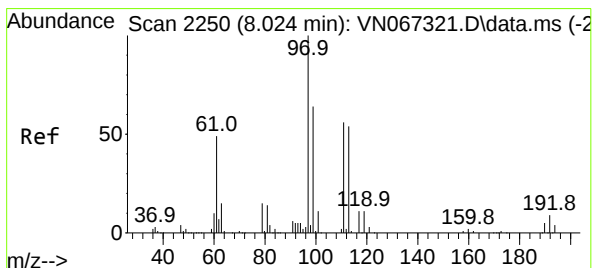
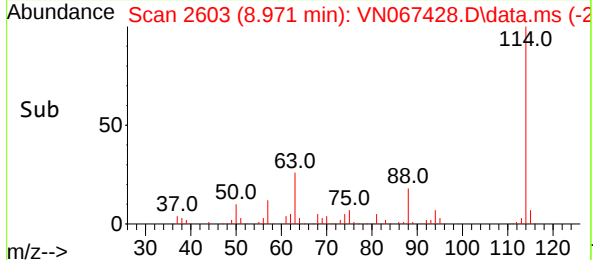
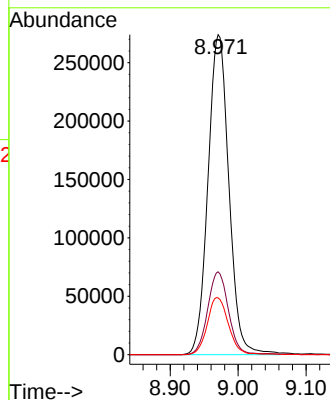
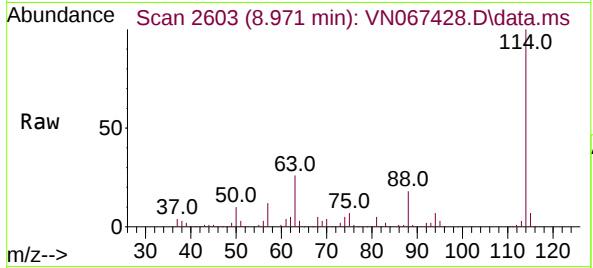




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

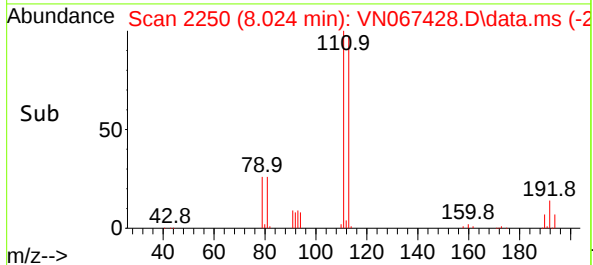
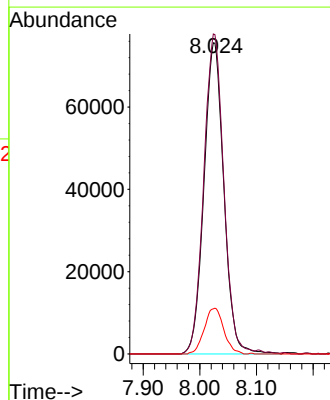
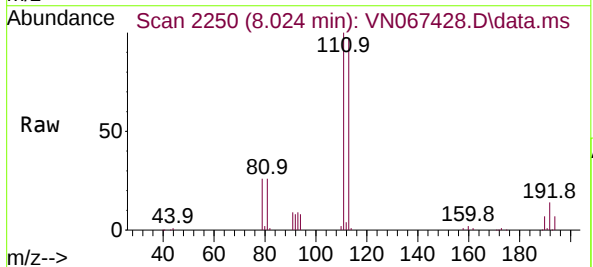
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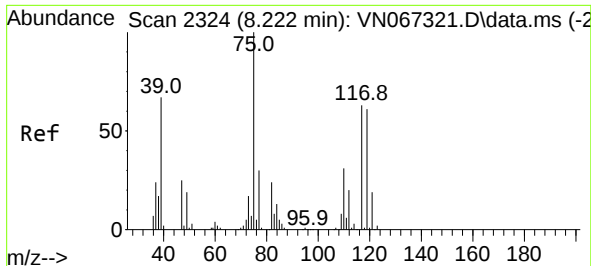
Tgt Ion:	114	Resp:	586117
Ion Ratio	Lower	Upper	
114	100		
63	25.9	0.0	49.0
88	17.7	0.0	36.6



#35
Dibromofluoromethane
Concen: 47.22 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion:	113	Resp:	184051
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.8	125.8
192	14.5	13.4	20.0

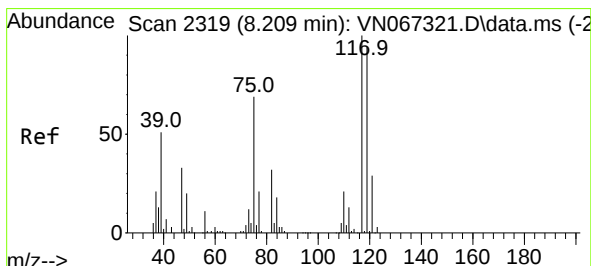
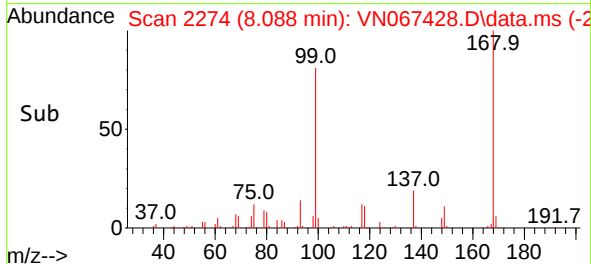
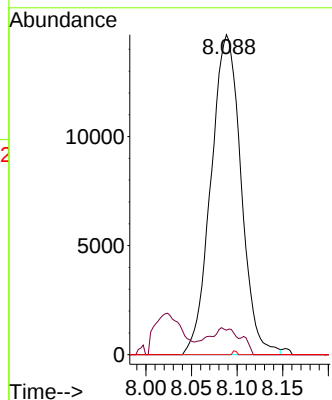
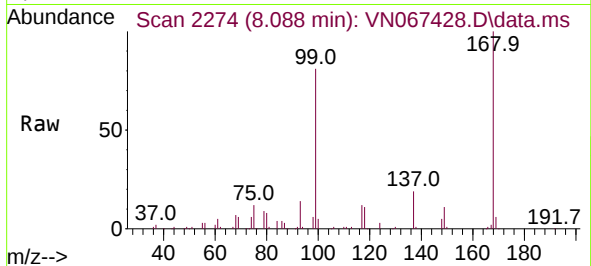




#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

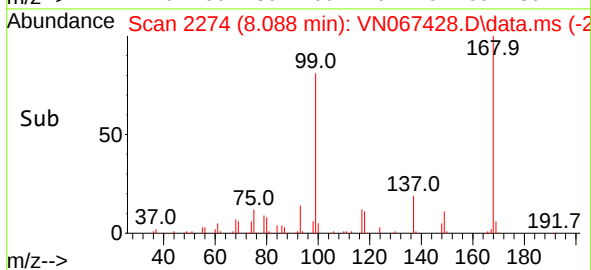
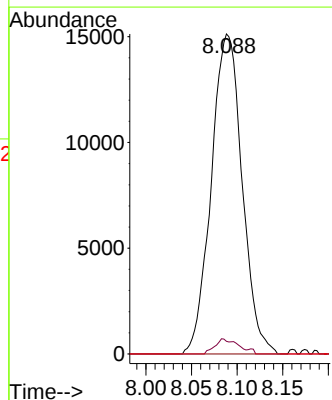
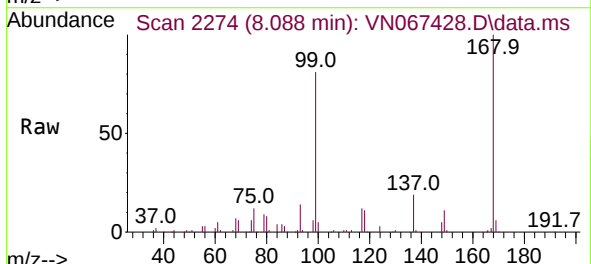
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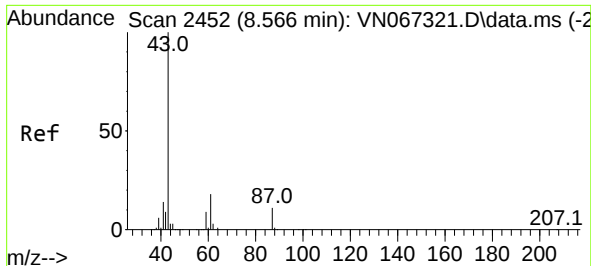
Tgt Ion: 75 Resp: 33660
Ion Ratio Lower Upper
75 100
110 3.1 15.7 47.0#
77 0.2 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.05 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 117 Resp: 35638
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.2#
121 0.0 23.5 35.3#

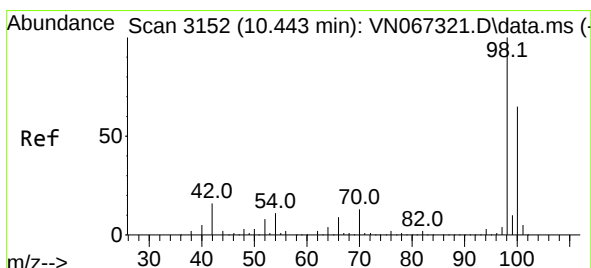
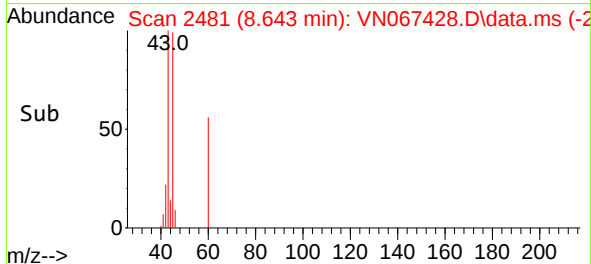
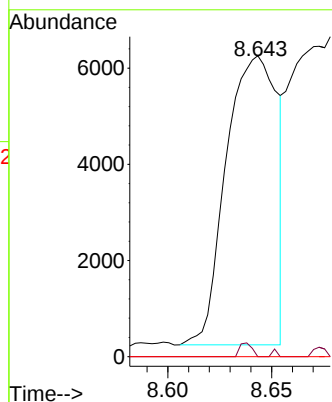
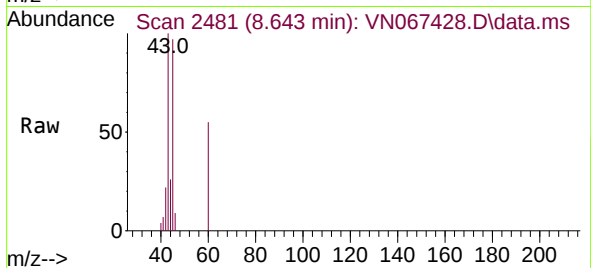




#43
Isopropyl Acetate
Concen: 0.82 ug/l
RT: 8.643 min Scan# 2481
Delta R.T. 0.077 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

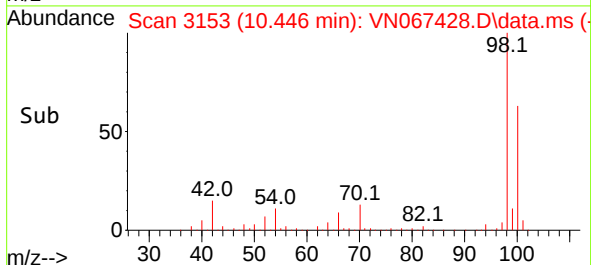
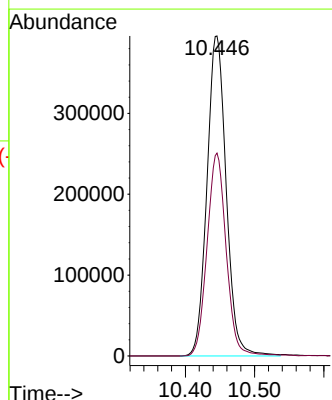
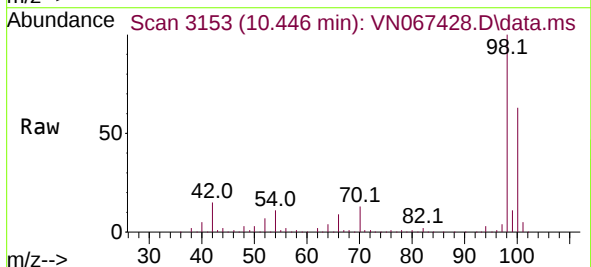
Instrument :
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ClientSampled :
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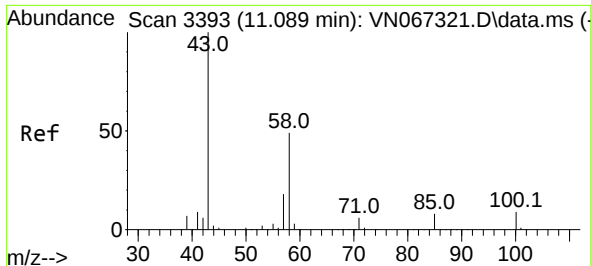
Tgt Ion: 43 Resp: 10237
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 51.21 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 98 Resp: 765085
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

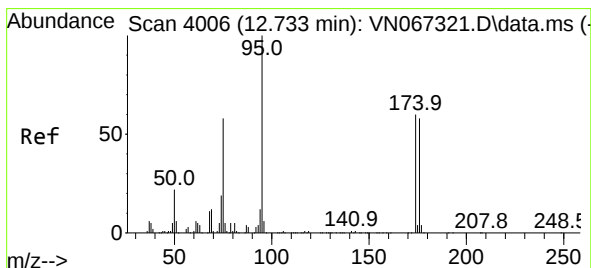
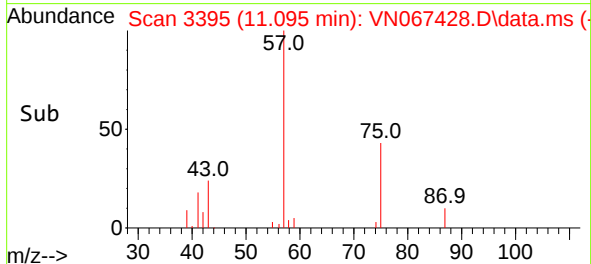
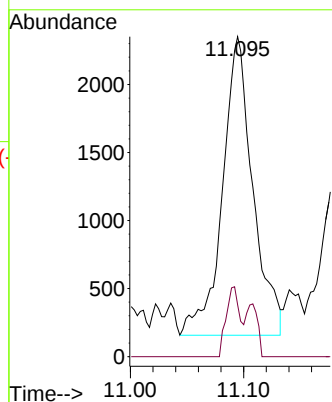
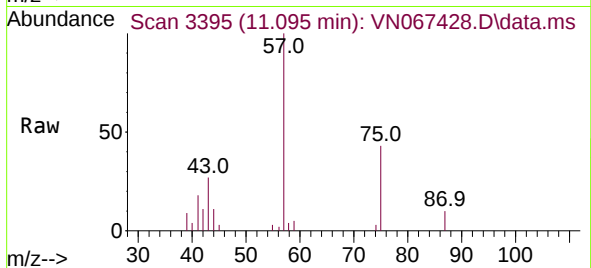




#59
2-Hexanone
Concen: 0.77 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

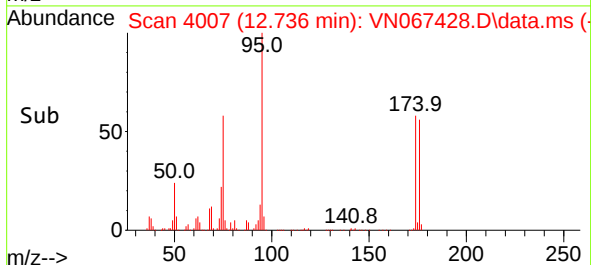
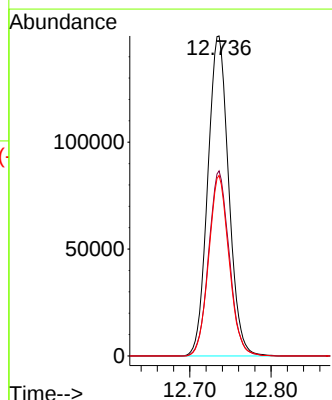
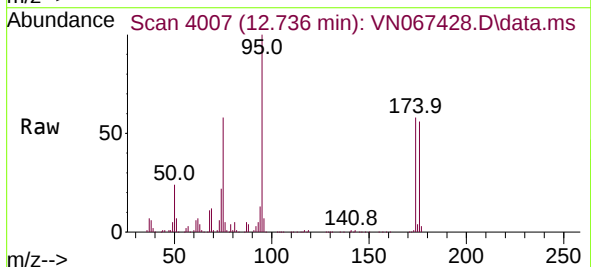
Instrument :
MSVOA_N
ClientSampleId :
41216

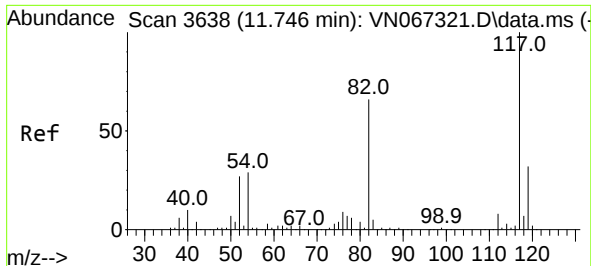
Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 10.7 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.45 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion: 95 Resp: 267924
Ion Ratio Lower Upper
95 100
174 57.0 0.0 122.0
176 54.9 0.0 117.6

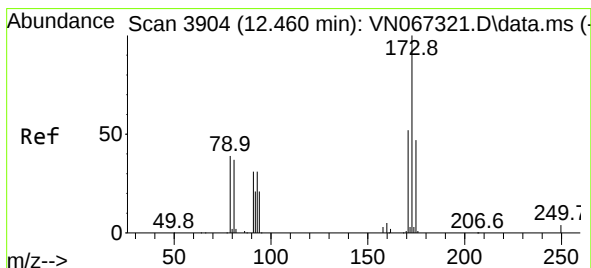
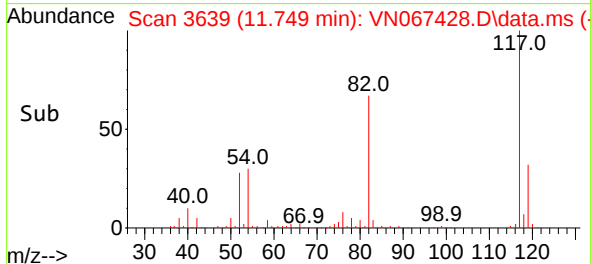
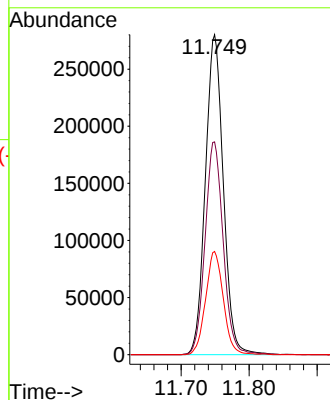
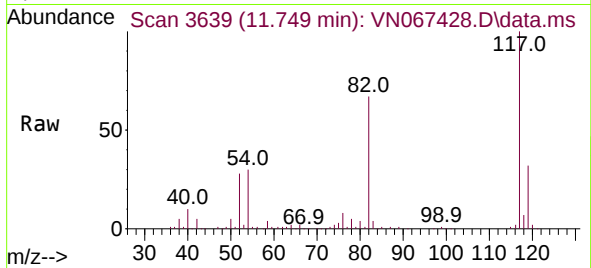




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

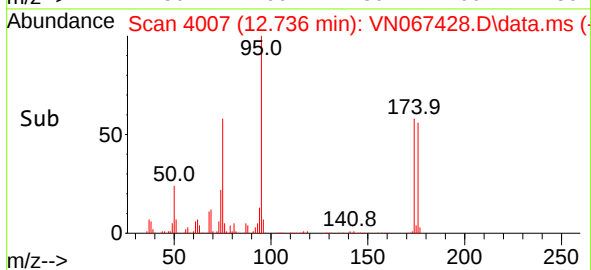
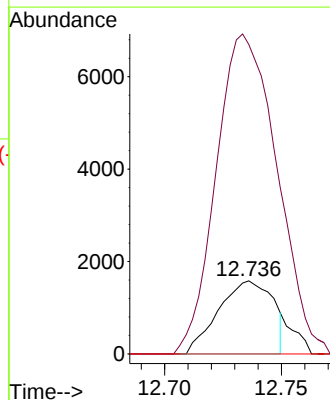
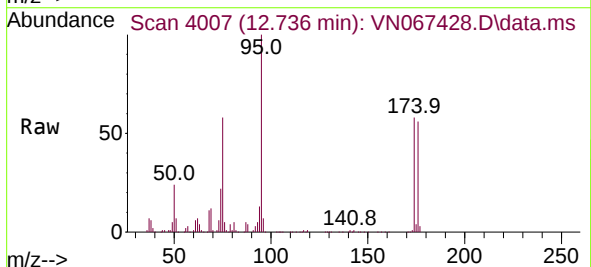
Instrument :
MSVOA_N
ClientSampleId :
41216

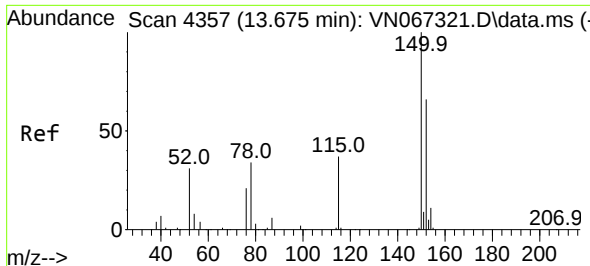
Tgt Ion:117 Resp: 514964
Ion Ratio Lower Upper
117 100
82 66.5 53.1 79.7
119 32.2 25.5 38.3



#71
Bromoform
Concen: 0.81 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

Tgt Ion:173 Resp: 2567
Ion Ratio Lower Upper
173 100
175 437.3 23.9 71.8#
254 0.0 0.0 0.0

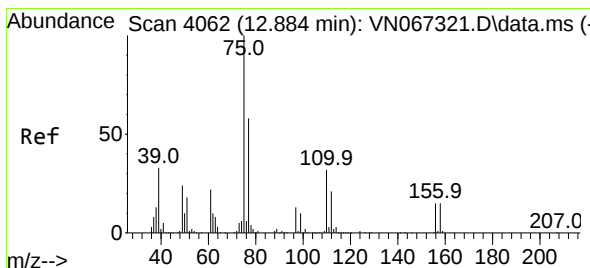
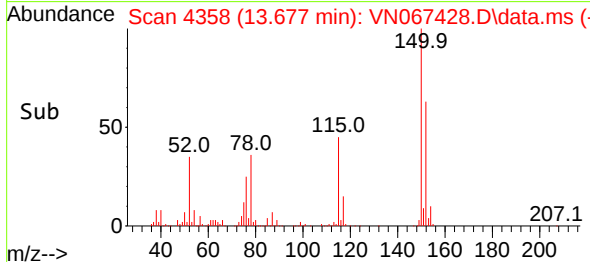
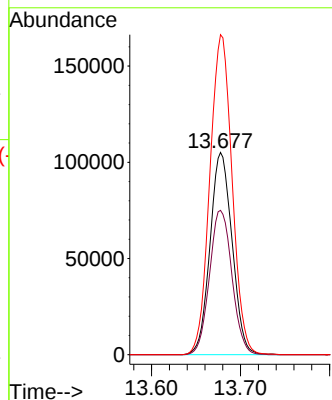
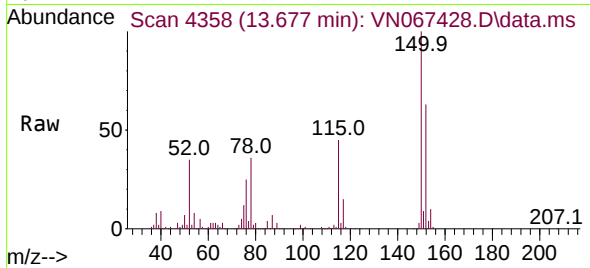




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN067428.D
 Acq: 21 Jun 2021 19:52

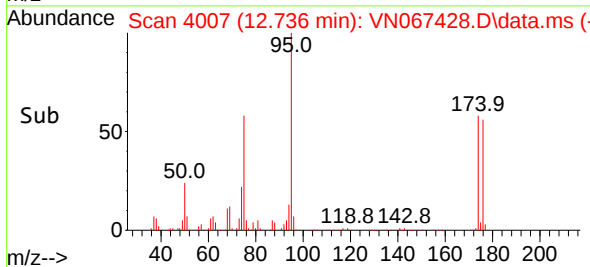
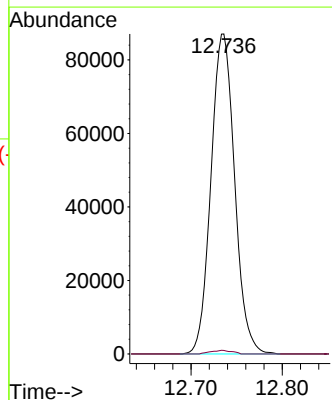
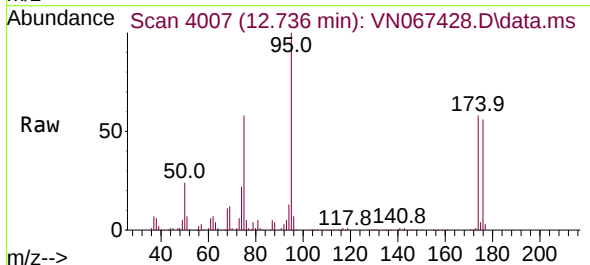
Instrument :
 MSVOA_N
 ClientSampleId :
 41216

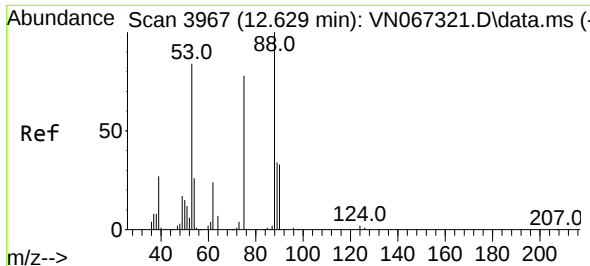
Tgt Ion:152 Resp: 181298
 Ion Ratio Lower Upper
 152 100
 115 72.4 36.1 108.5
 150 159.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 33.35 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN067428.D
 Acq: 21 Jun 2021 19:52

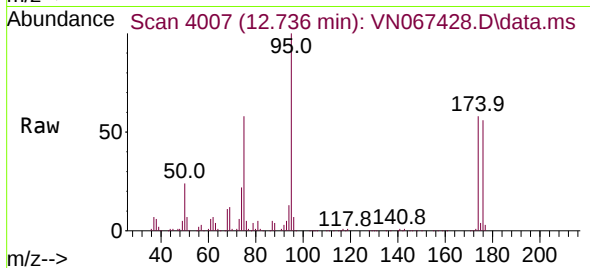
Tgt Ion: 75 Resp: 156998
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



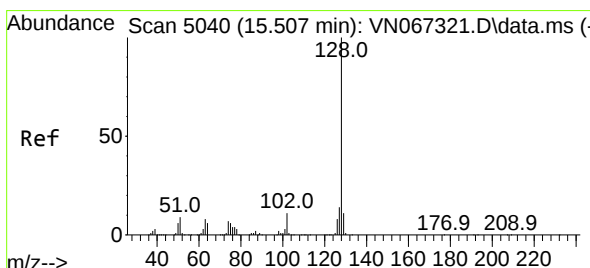
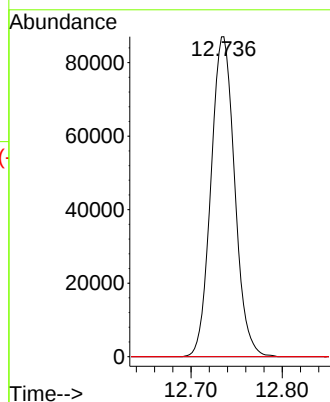
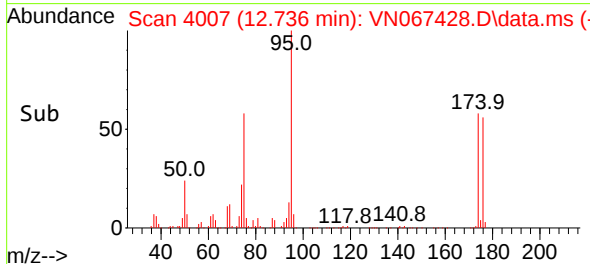


#81
trans-1,4-Dichloro-2-butene
Concen: 82.64 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52

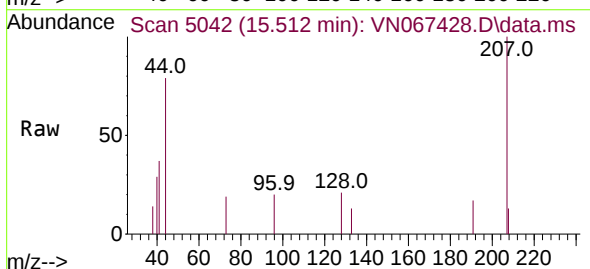
Instrument :
MSVOA_N
ClientSampleId :
41216



Tgt Ion: 75 Resp: 156998
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 2.63 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN067428.D
Acq: 21 Jun 2021 19:52



Tgt Ion: 128 Resp: 244
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

