

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068895.D
 Acq On : 13 Oct 2021 14:07
 Operator : JC/MD
 Sample : M4142-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2158

Quant Time: Oct 14 06:41:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

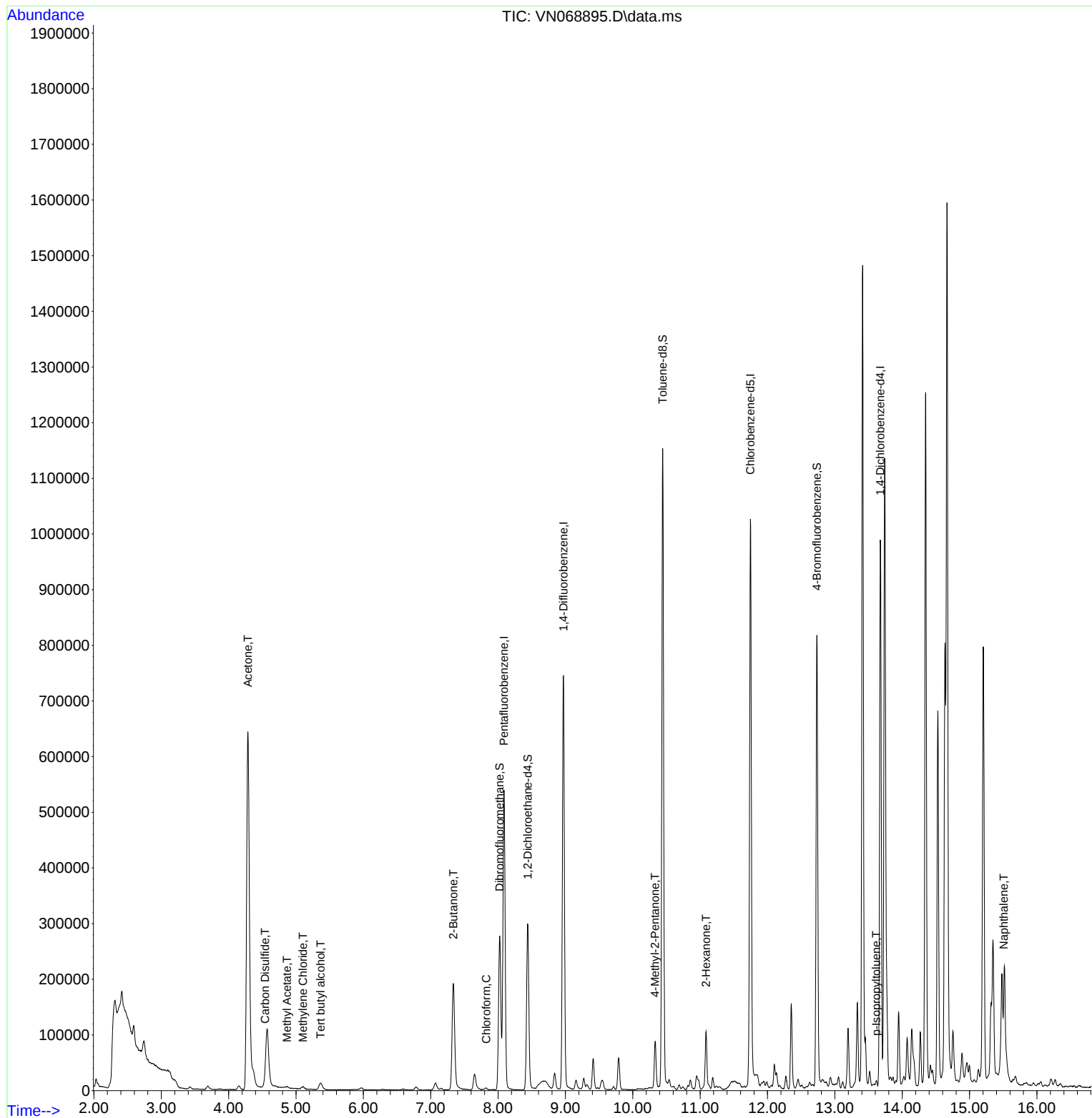
Internal Standards						
1) Pentafluorobenzene	8.088	168	419587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	675170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	603595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	267724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	247183	44.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.36%		
35) Dibromofluoromethane	8.024	113	206682	52.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.22%		
50) Toluene-d8	10.443	98	822008	52.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.60%		
62) 4-Bromofluorobenzene	12.734	95	292565	49.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.68%		
Target Compounds						
11) Tert butyl alcohol	5.363	59	24938	24.67	ug/l #	76
16) Acetone	4.285	43	1214848	588.45	ug/l	98
17) Carbon Disulfide	4.540	76	23941	2.18	ug/l	100
18) Methyl Acetate	4.867	43	4917	0.63	ug/l #	81
20) Methylene Chloride	5.103	84	3555	0.75	ug/l #	86
25) 2-Butanone	7.335	43	327789	105.00	ug/l	99
30) Chloroform	7.823	83	3515	0.41	ug/l #	77
51) 4-Methyl-2-Pentanone	10.330	43	59437	9.75	ug/l	99
59) 2-Hexanone	11.087	43	73955	16.92	ug/l	99
86) p-Isopropyltoluene	13.616	119	6197	0.35	ug/l	93
95) Naphthalene	15.507	128	8309	4.43	ug/l #	84

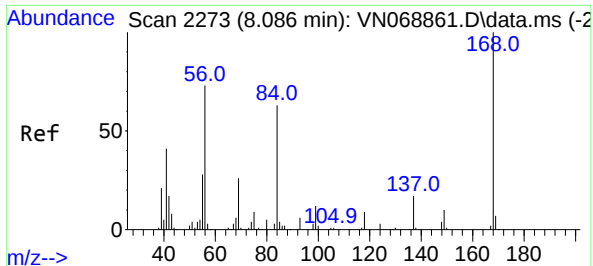
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
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Quant Title : SW846 8260
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Response via : Initial Calibration

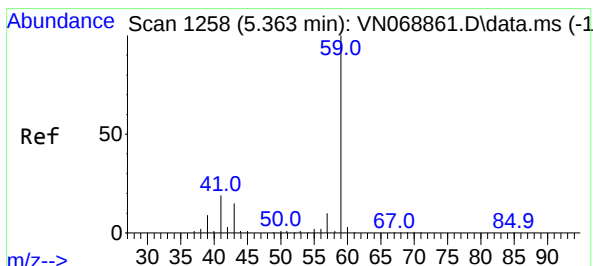
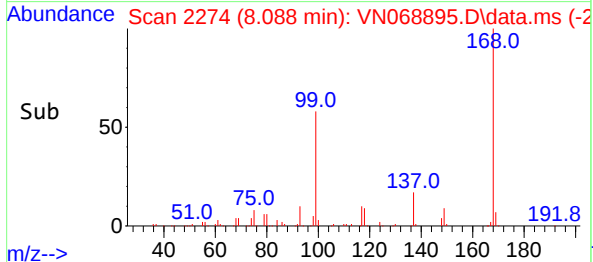
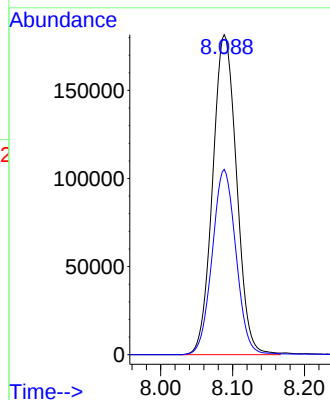
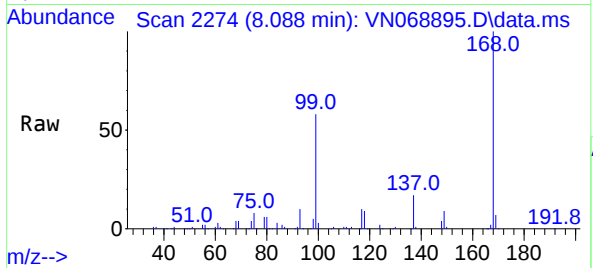




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

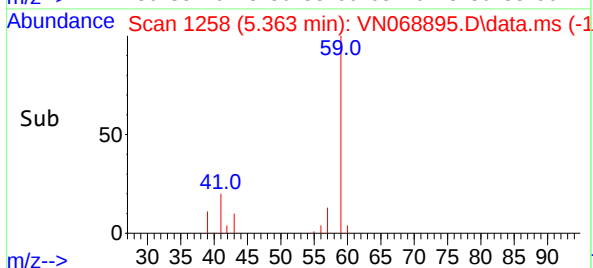
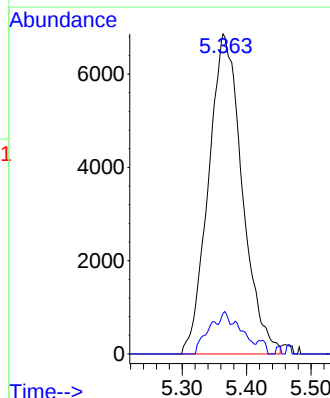
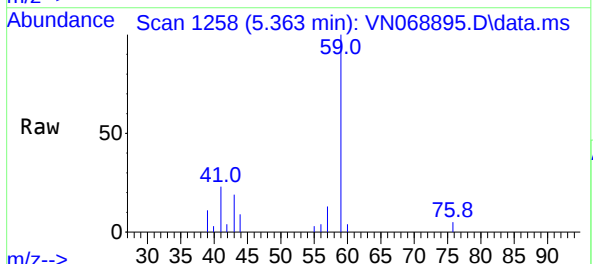
Instrument :
MSVOA_N
ClientSampled :
2158

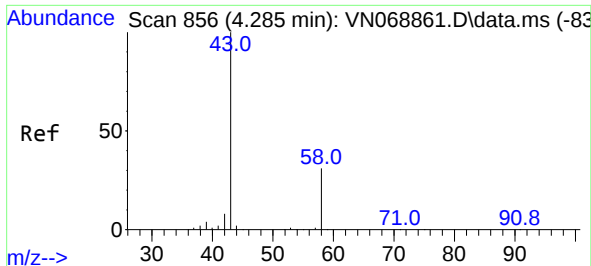
Tgt Ion:168 Resp: 419587
Ion Ratio Lower Upper
168 100
99 57.9 48.9 73.3



#11
Tert butyl alcohol
Concen: 24.67 ug/l
RT: 5.363 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 59 Resp: 24938
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#

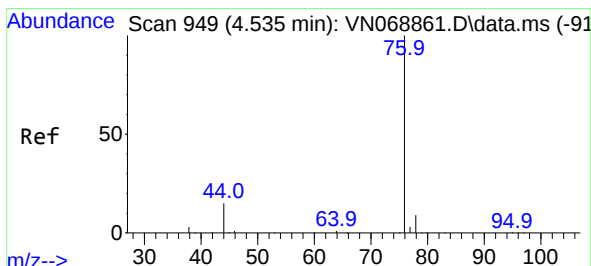
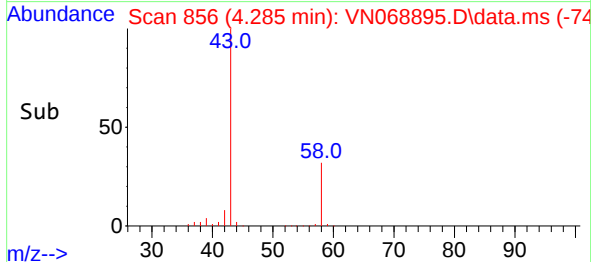
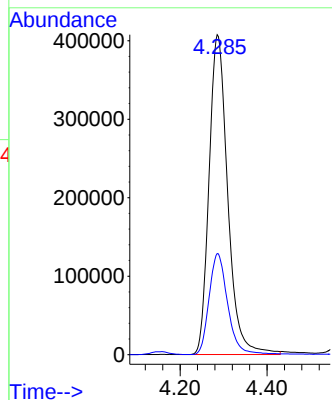
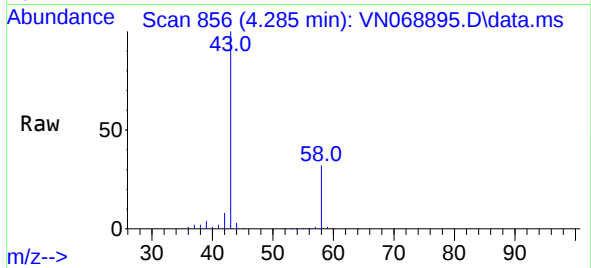




#16
Acetone
Concen: 588.45 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

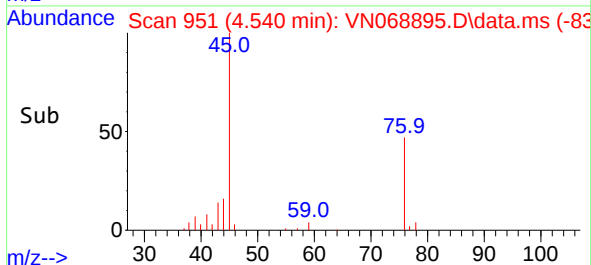
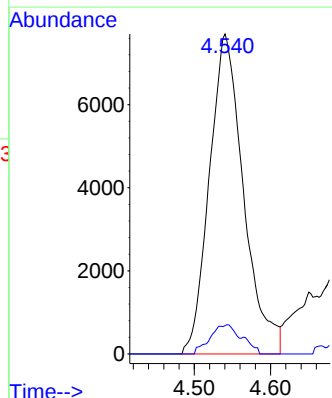
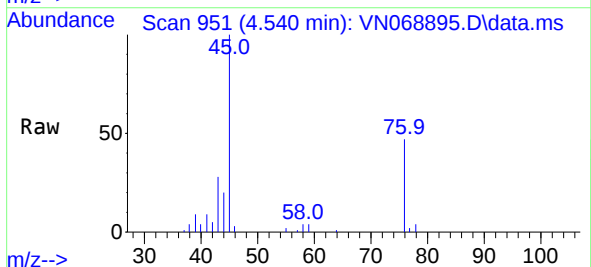
Instrument :
MSVOA_N
ClientSampled :
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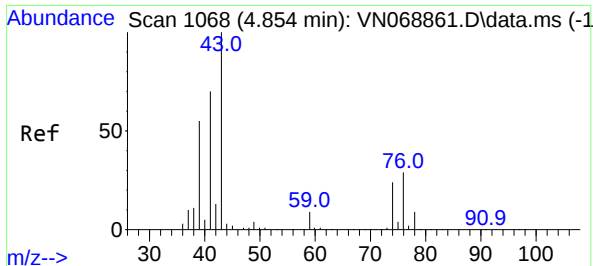
Tgt Ion: 43 Resp: 1214848
Ion Ratio Lower Upper
43 100
58 31.5 24.5 36.7



#17
Carbon Disulfide
Concen: 2.18 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 76 Resp: 23941
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#18

Methyl Acetate

Concen: 0.63 ug/l

RT: 4.867 min Scan# 1073

Delta R.T. 0.013 min

Lab File: VN068895.D

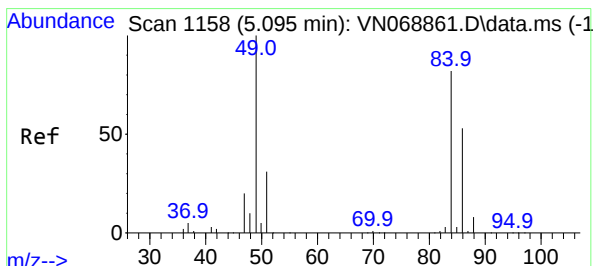
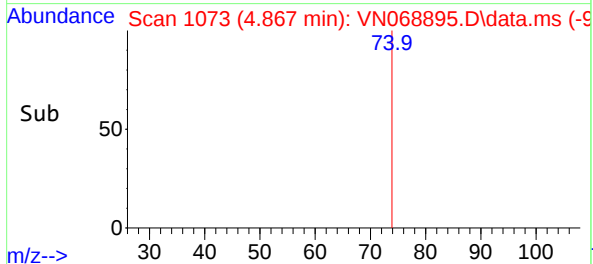
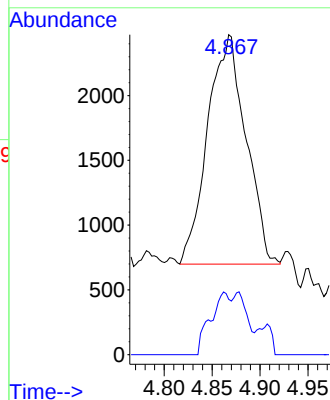
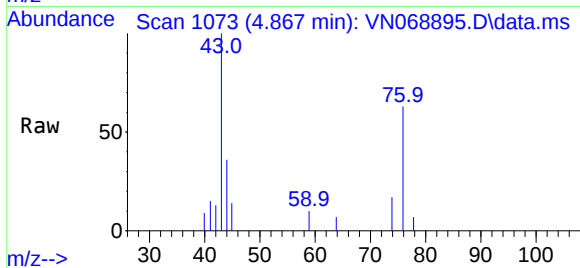
Acq: 13 Oct 2021 14:07

Tgt Ion: 43 Resp: 4917

Ion Ratio Lower Upper

43 100

74 14.5 18.9 28.3#



#20

Methylene Chloride

Concen: 0.75 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN068895.D

Acq: 13 Oct 2021 14:07

Tgt Ion: 84 Resp: 3555

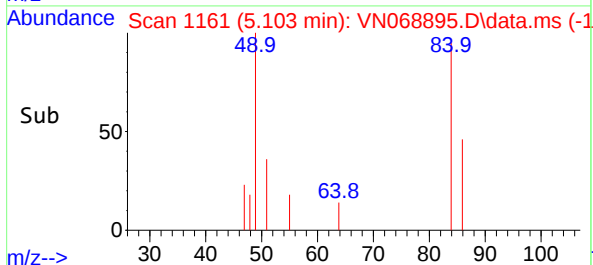
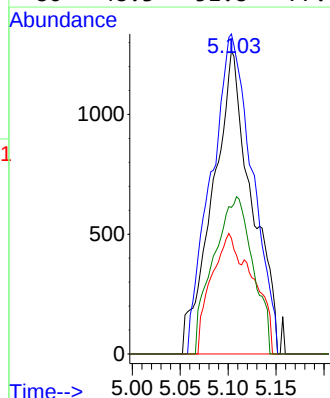
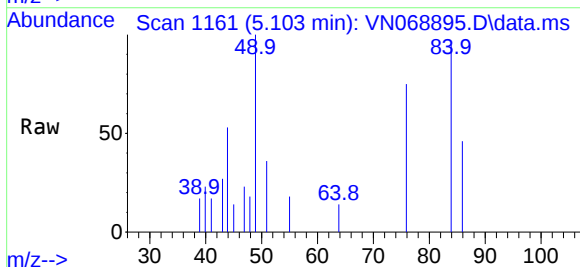
Ion Ratio Lower Upper

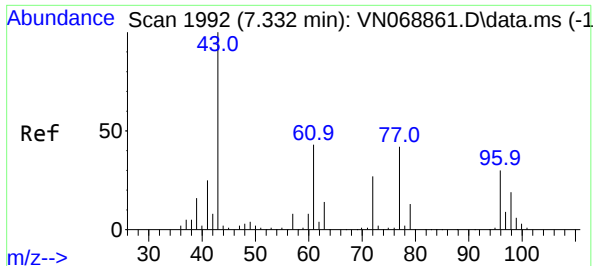
84 100

49 105.4 97.6 146.4

51 38.1 30.3 45.5

86 48.3 51.8 77.6#

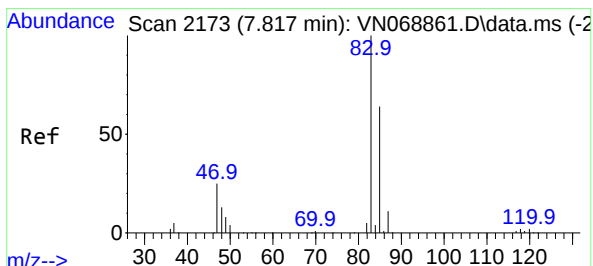
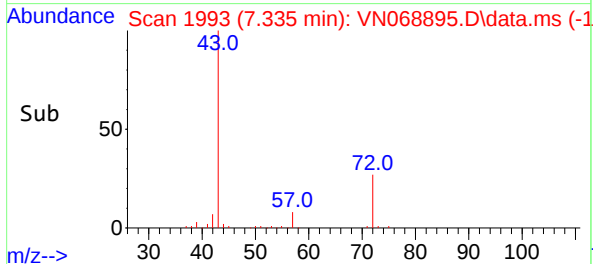
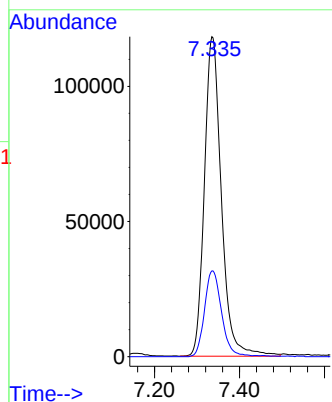
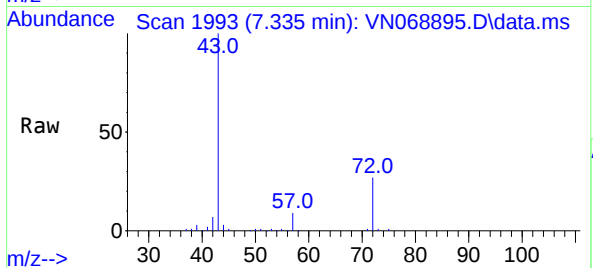




#25
2-Butanone
Concen: 105.00 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

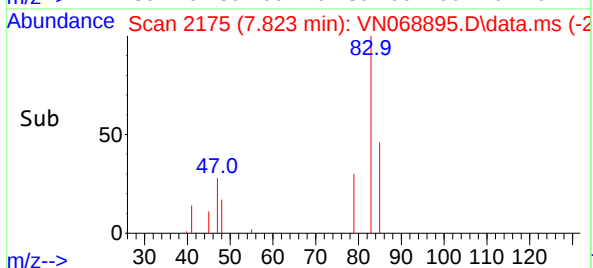
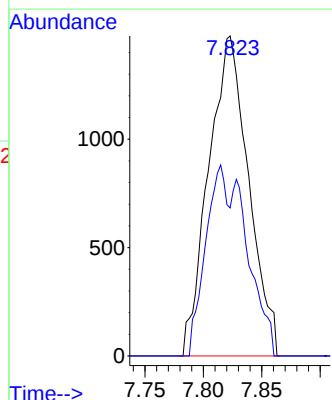
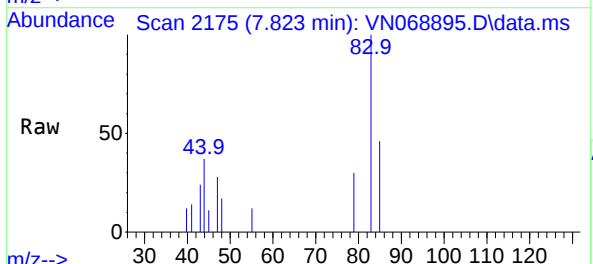
Instrument :
MSVOA_N
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2158

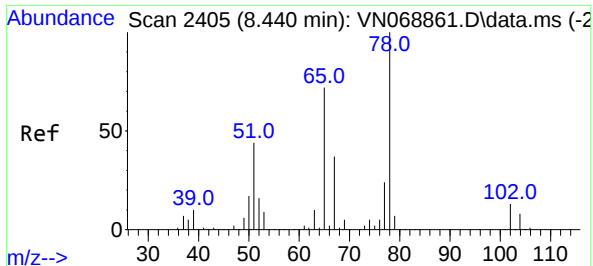
Tgt Ion: 43 Resp: 327789
Ion Ratio Lower Upper
43 100
72 26.9 21.2 31.8



#30
Chloroform
Concen: 0.41 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 83 Resp: 3515
Ion Ratio Lower Upper
83 100
85 46.3 51.1 76.7#



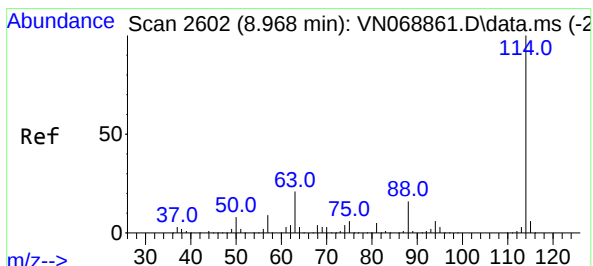
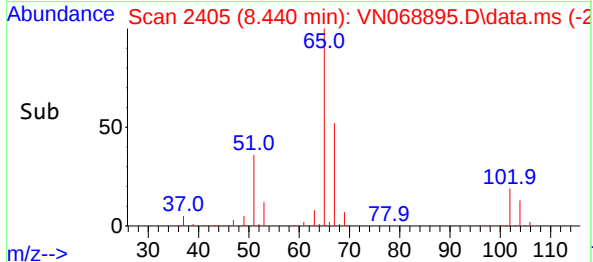
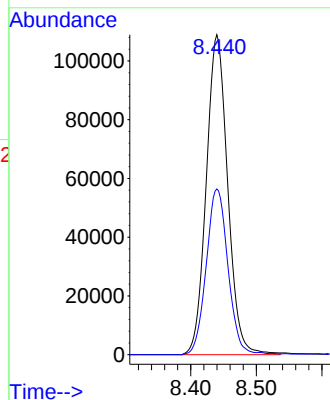
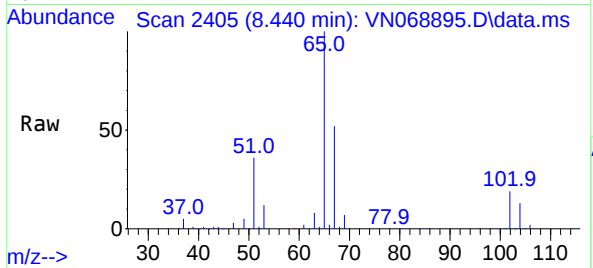


#33

1,2-Dichloroethane-d4
Concen: 44.68 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :
2158

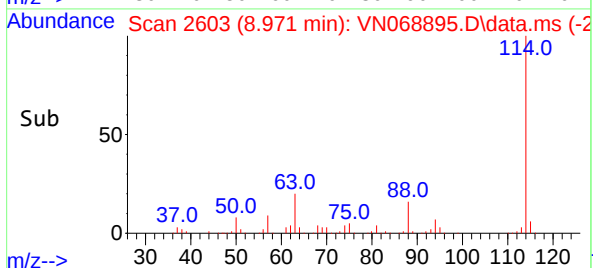
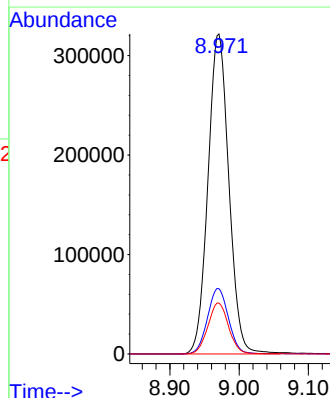
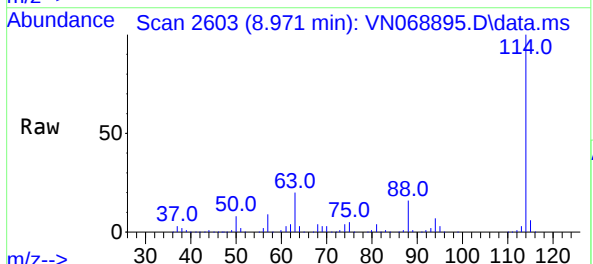
Tgt Ion: 65 Resp: 247183
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

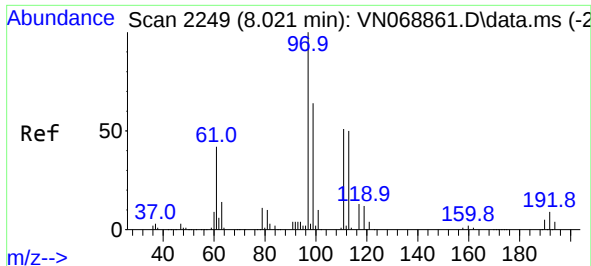


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 114 Resp: 675170
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.9 0.0 32.0

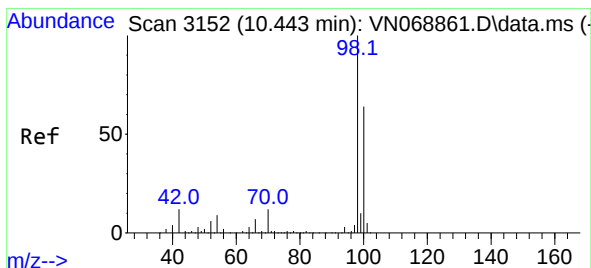
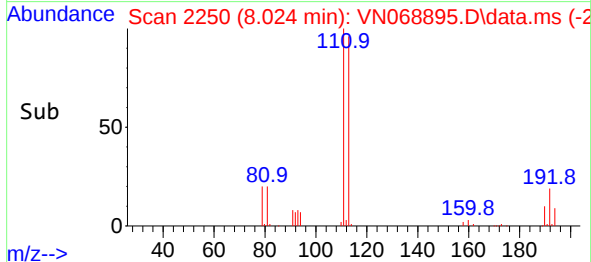
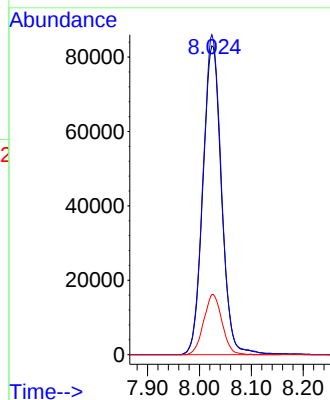
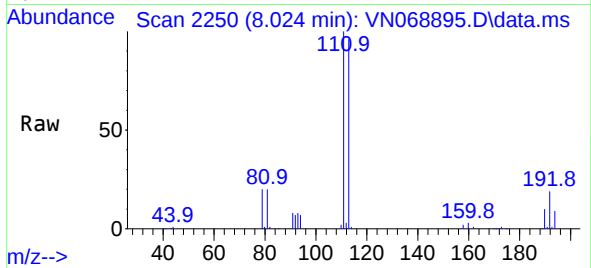




#35
Dibromofluoromethane
Concen: 52.61 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

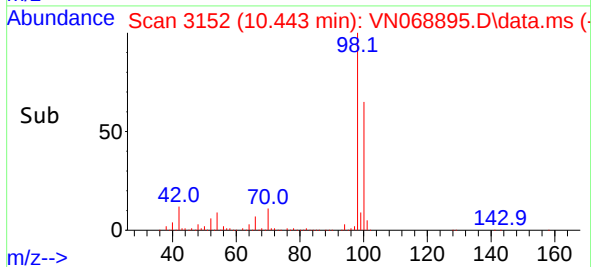
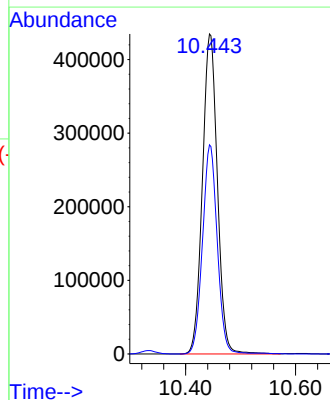
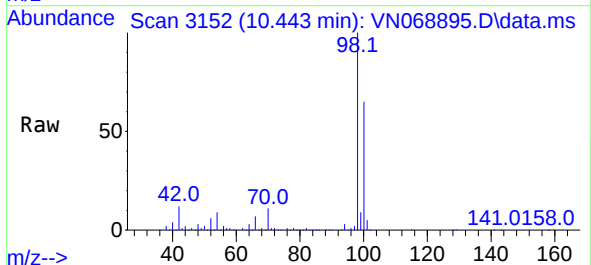
Instrument :
MSVOA_N
ClientSampled :
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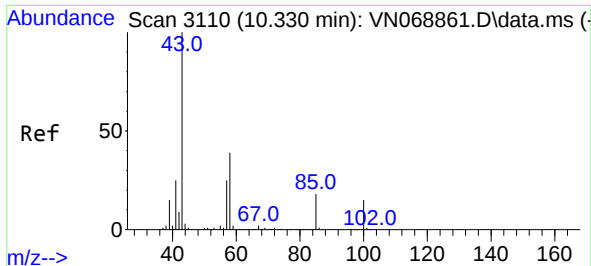
Tgt Ion:113 Resp: 206682
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 19.2 15.0 22.4



#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 98 Resp: 822008
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

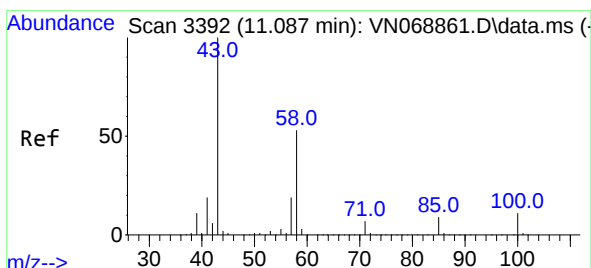
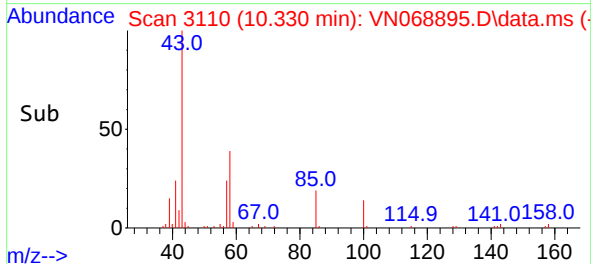
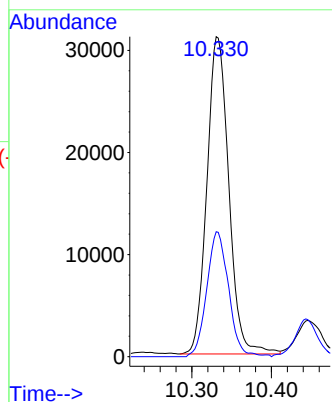
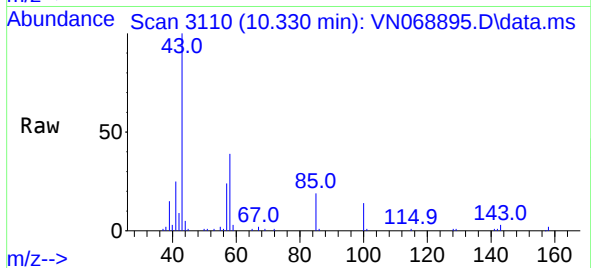




#51
4-Methyl-2-Pentanone
Concen: 9.75 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

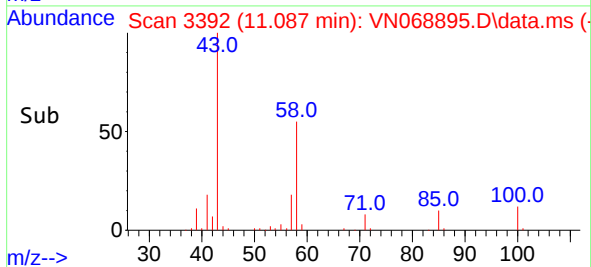
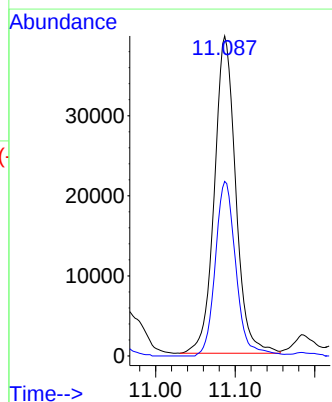
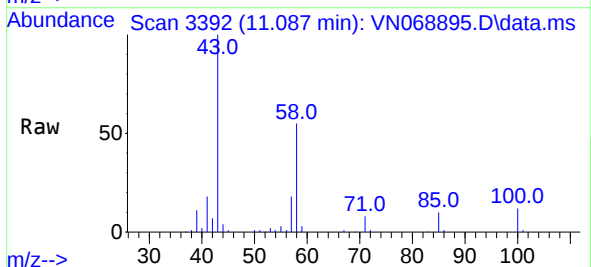
Instrument :
MSVOA_N
ClientSampled :
2158

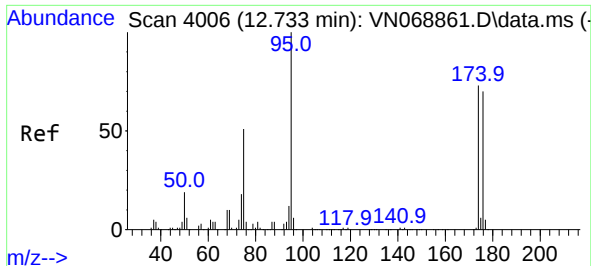
Tgt Ion: 43 Resp: 59437
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.4



#59
2-Hexanone
Concen: 16.92 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion: 43 Resp: 73955
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7

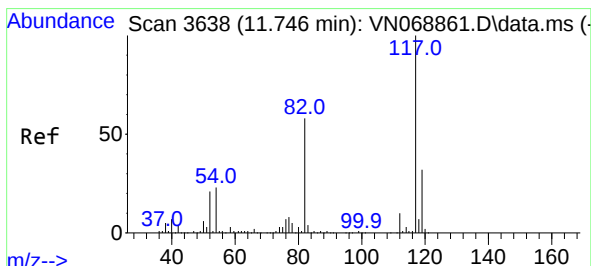
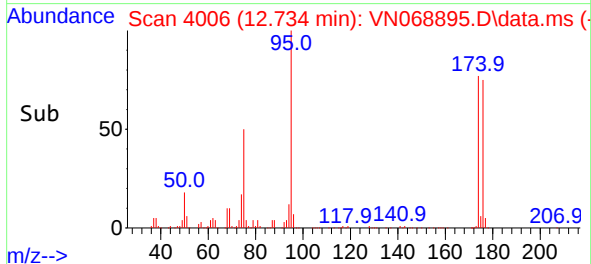
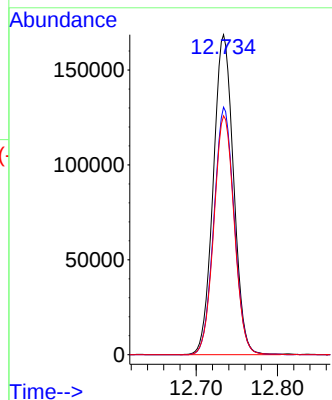
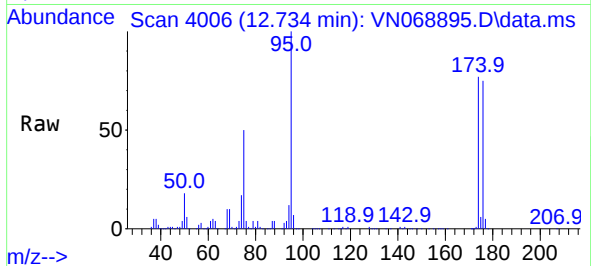




#62
4-Bromofluorobenzene
Concen: 49.34 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

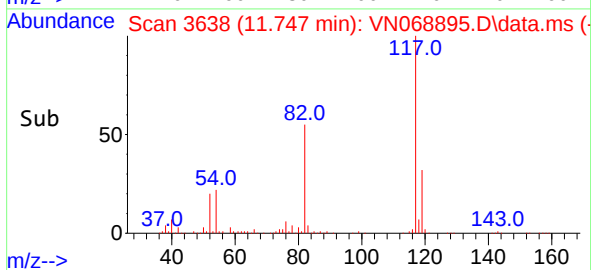
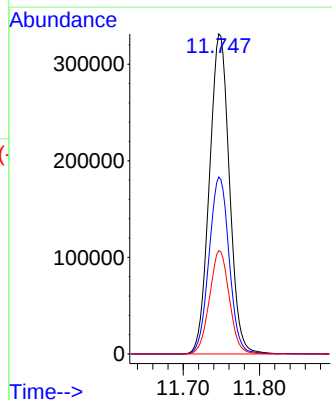
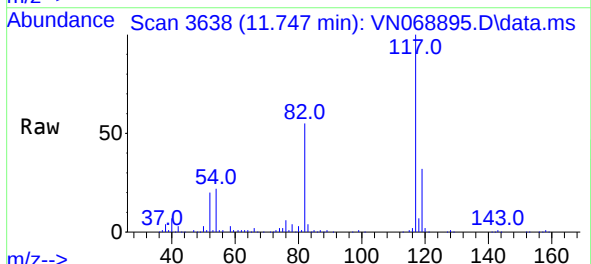
Instrument :
MSVOA_N
ClientSampleId :
2158

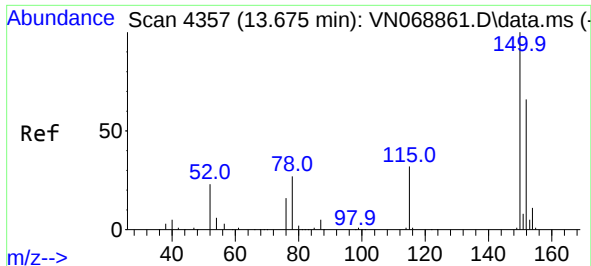
Tgt Ion:	95	Resp:	292565
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	144.8
176	75.0	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Tgt Ion:	117	Resp:	603595
Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.4	69.6
119	32.3	26.0	39.0

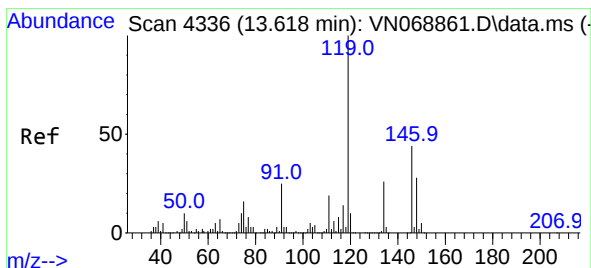
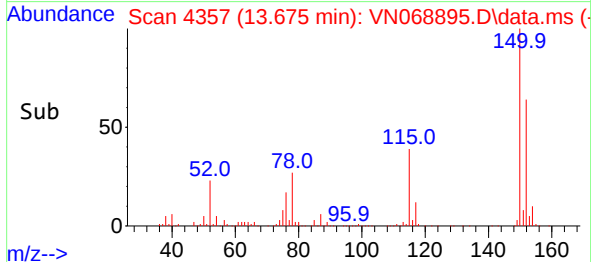
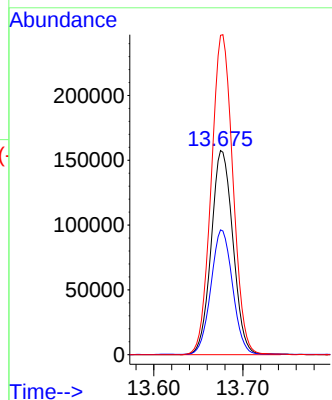
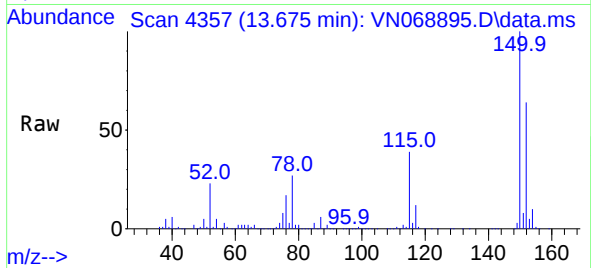




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

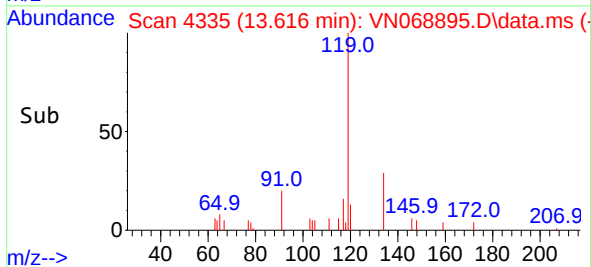
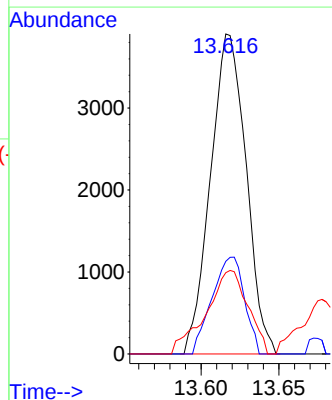
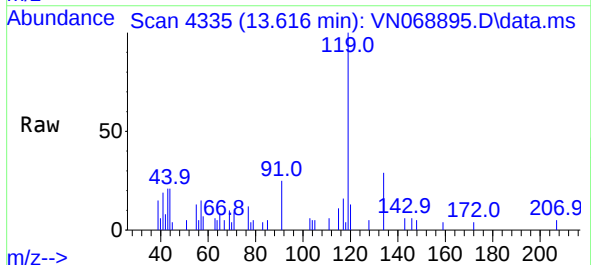
Instrument :
MSVOA_N
ClientSampled :
2158

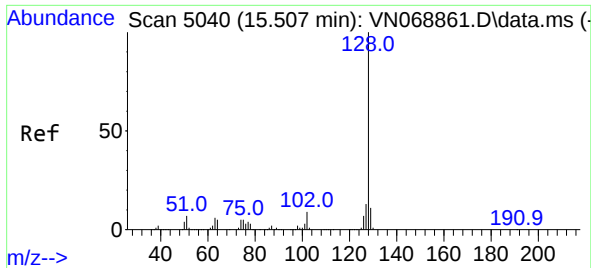
Tgt Ion:152 Resp: 267724
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.3
150 156.5 0.0 351.0



#86
p-Isopropyltoluene
Concen: 0.35 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

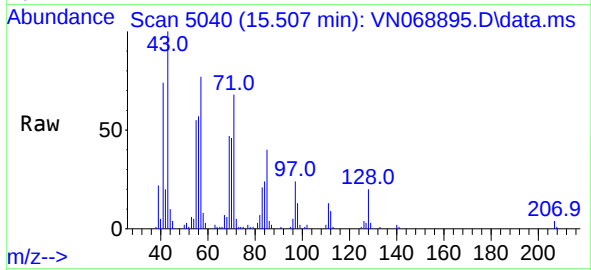
Tgt Ion:119 Resp: 6197
Ion Ratio Lower Upper
119 100
134 27.6 12.9 38.6
91 30.6 12.8 38.4





#95
Naphthalene
Concen: 4.43 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068895.D
Acq: 13 Oct 2021 14:07

Instrument :
MSVOA_N
ClientSampleId :
2158



Tgt Ion:	128	Resp:	8309
Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.5	15.7#
129	17.3	8.9	13.3#

