

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067129.D
 Acq On : 18 May 2021 16:03
 Operator : JC/MD
 Sample : M2387-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41801

Quant Time: May 19 02:50:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

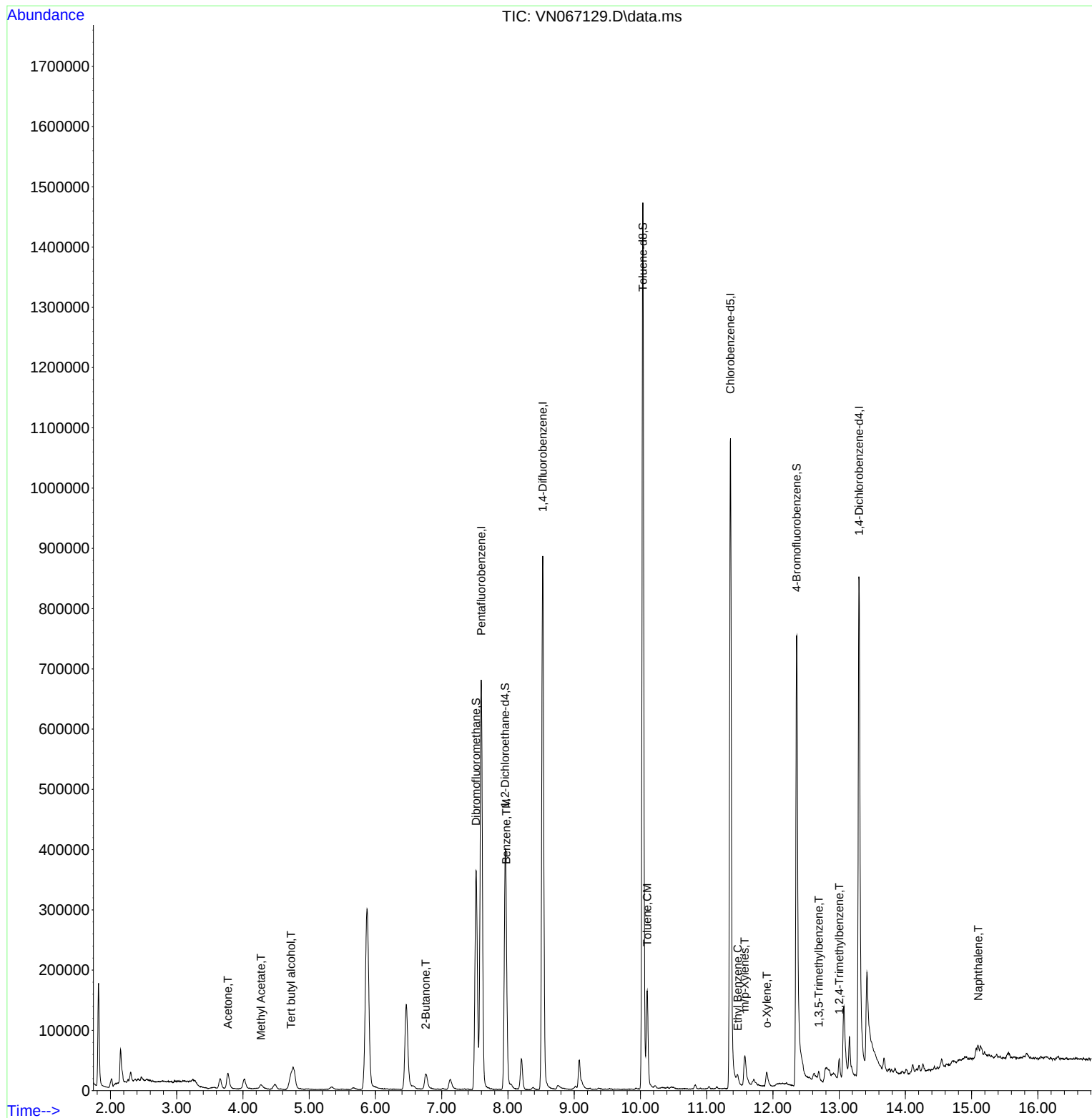
Internal Standards						
1) Pentafluorobenzene	7.597	168	649247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	901528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	767296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	325210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	317258	45.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.46%		
35) Dibromofluoromethane	7.519	113	292658	49.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.88%		
50) Toluene-d8	10.037	98	1109949	49.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.94%		
62) 4-Bromofluorobenzene	12.357	95	332267	44.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.42%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.724	59	51297	43.87	ug/l #	77
16) Acetone	3.772	43	45398	20.83	ug/l	98
18) Methyl Acetate	4.274	43	13358	2.06	ug/l #	74
25) 2-Butanone	6.760	43	48838	14.37	ug/l	98
40) Benzene	7.975	78	77330	3.10	ug/l	99
52) Toluene	10.102	92	72303	4.48	ug/l	99
67) Ethyl Benzene	11.470	91	11568	0.40	ug/l	98
68) m/p-Xylenes	11.574	106	25625	2.30	ug/l	89
69) o-Xylene	11.907	106	10269	0.92	ug/l	96
80) 1,3,5-Trimethylbenzene	12.693	105	8545	0.38	ug/l	90
84) 1,2,4-Trimethylbenzene	13.001	105	23164	1.11	ug/l	100
95) Naphthalene	15.098	128	18453	4.50	ug/l #	87

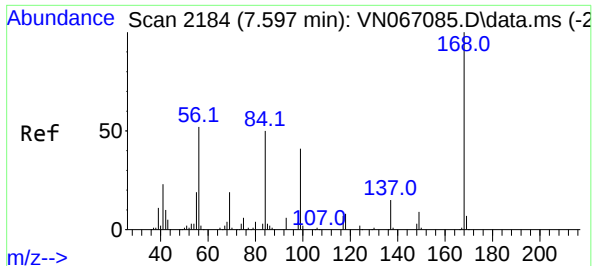
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
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Quant Title : SW846 8260
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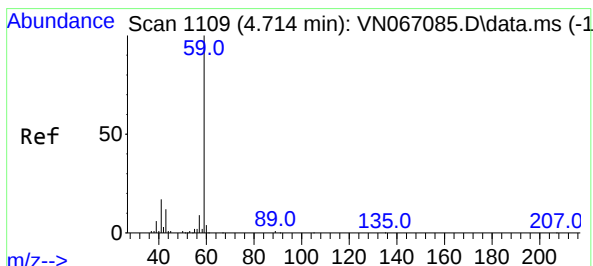
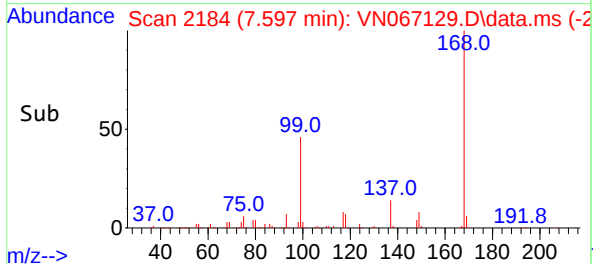
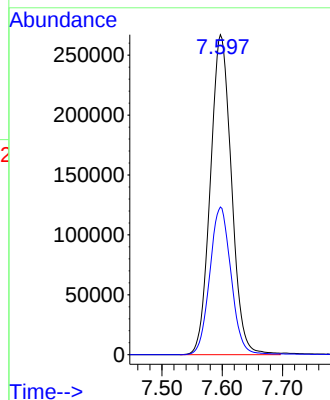
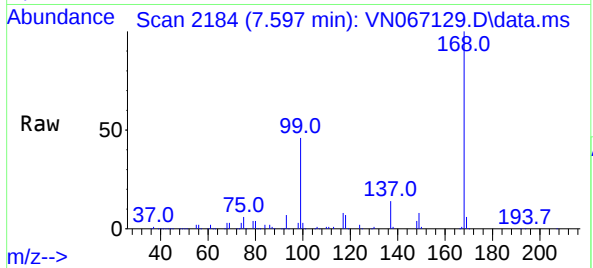




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

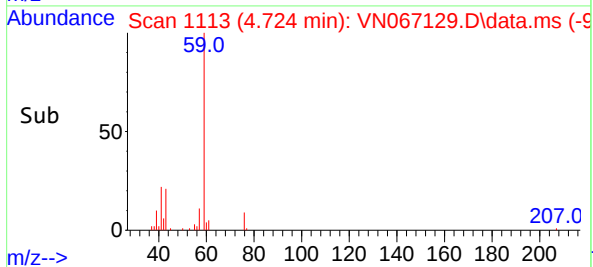
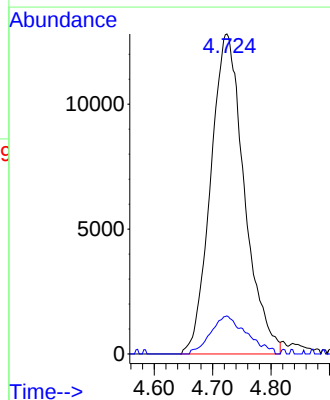
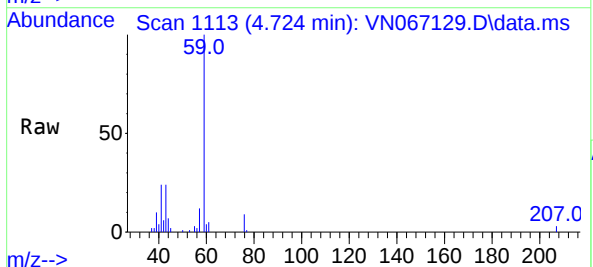
Instrument :
MSVOA_N
ClientSampleId :
41801

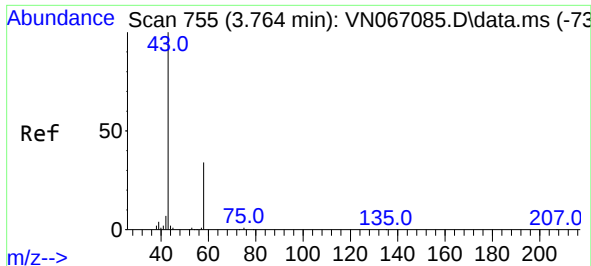
Tgt Ion:168 Resp: 649247
Ion Ratio Lower Upper
168 100
99 46.1 38.5 57.7



#11
Tert butyl alcohol
Concen: 43.87 ug/l
RT: 4.724 min Scan# 1113
Delta R.T. 0.010 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 59 Resp: 51297
Ion Ratio Lower Upper
59 100
57 12.0 3.5 5.3#

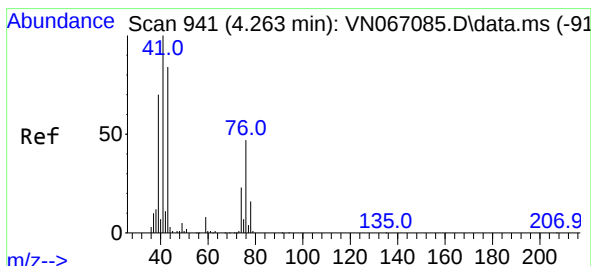
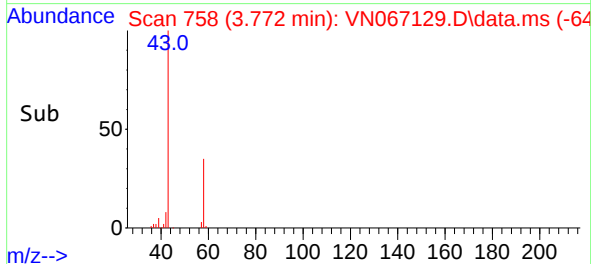
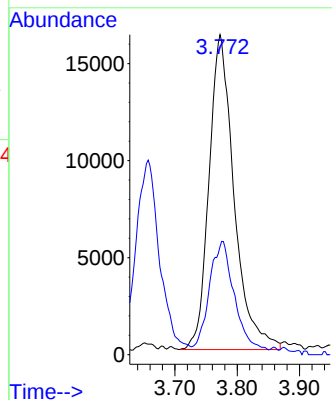
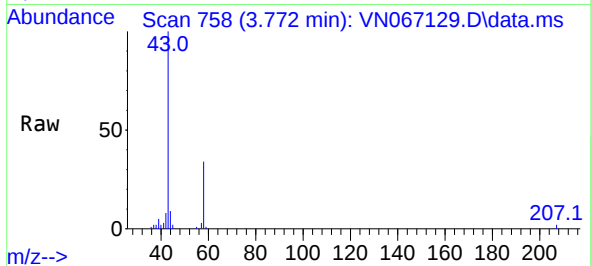




#16
Acetone
Concen: 20.83 ug/l
RT: 3.772 min Scan# 758
Delta R.T. 0.008 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

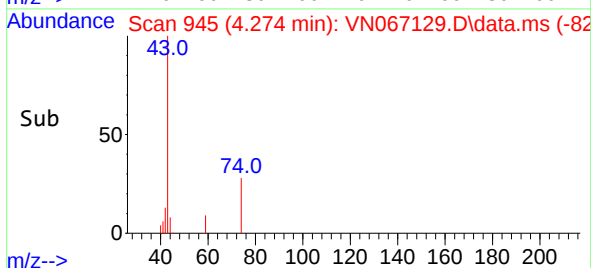
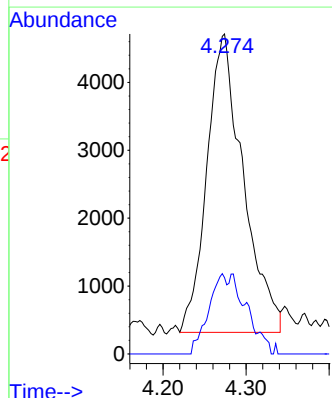
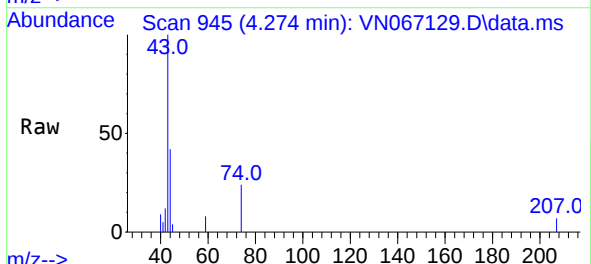
Instrument :
MSVOA_N
ClientSampled :
41801

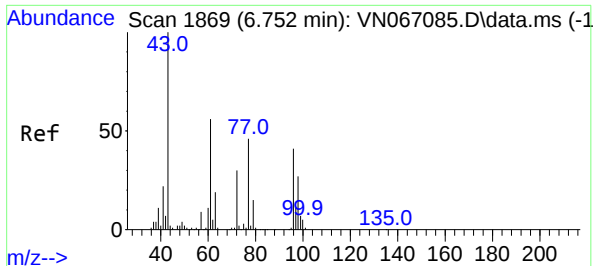
Tgt Ion: 43 Resp: 45398
Ion Ratio Lower Upper
43 100
58 32.8 27.2 40.8



#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 4.274 min Scan# 945
Delta R.T. 0.011 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 43 Resp: 13358
Ion Ratio Lower Upper
43 100
74 13.4 21.4 32.2#

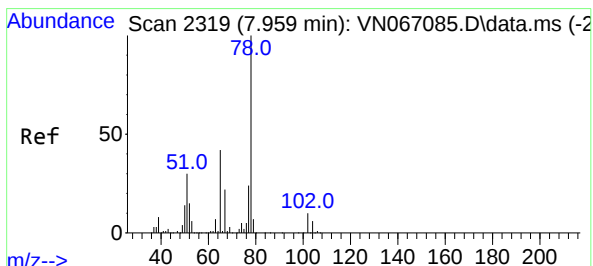
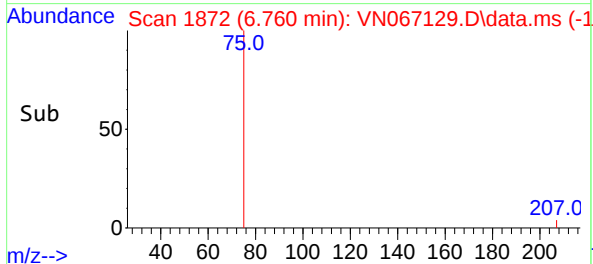
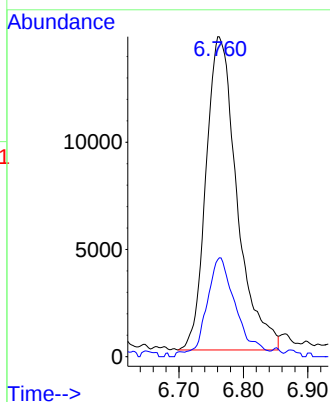
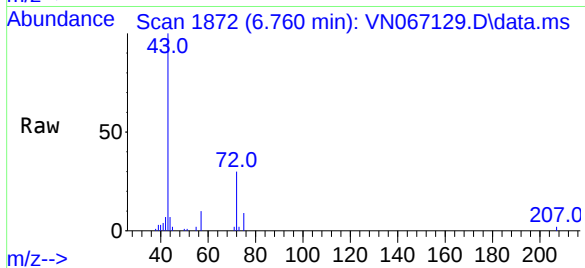




#25
2-Butanone
Concen: 14.37 ug/l
RT: 6.760 min Scan# 1872
Delta R.T. 0.008 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

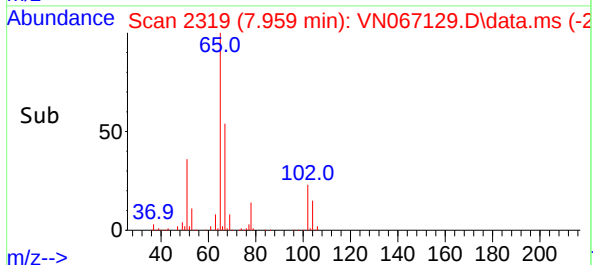
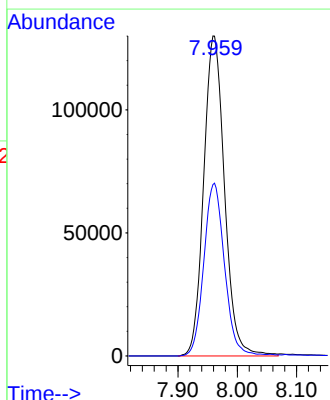
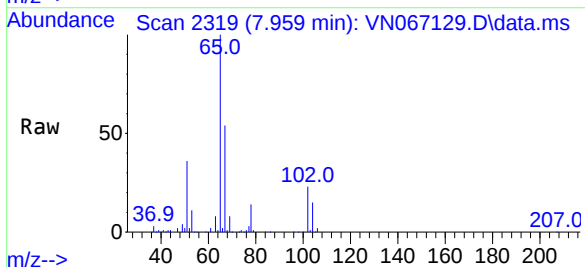
Instrument :
MSVOA_N
ClientSampled :
41801

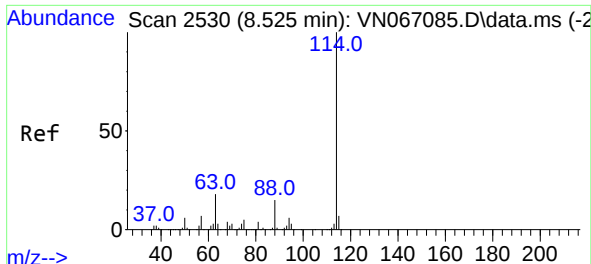
Tgt Ion: 43 Resp: 48838
Ion Ratio Lower Upper
43 100
72 29.5 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 45.23 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 65 Resp: 317258
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.4

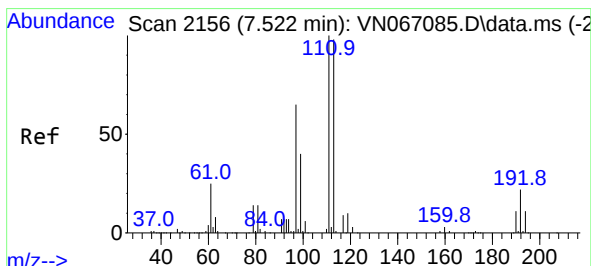
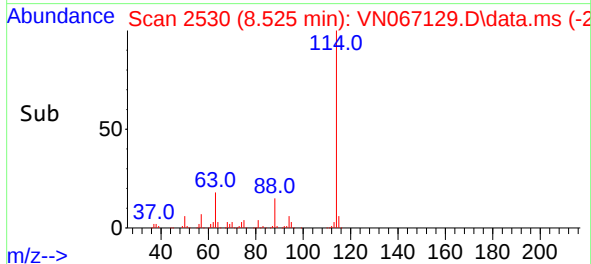
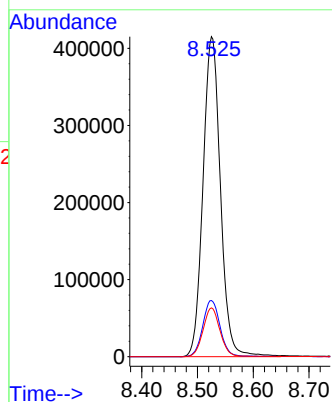
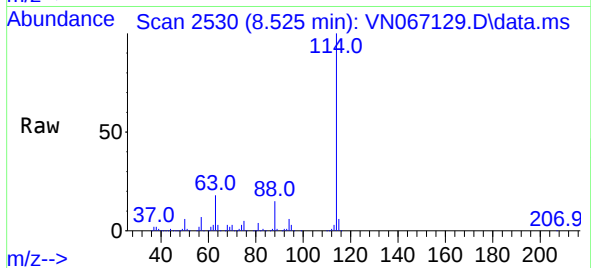




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

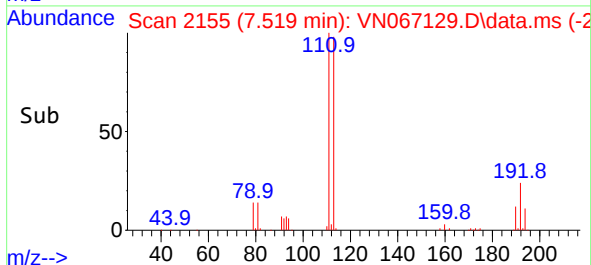
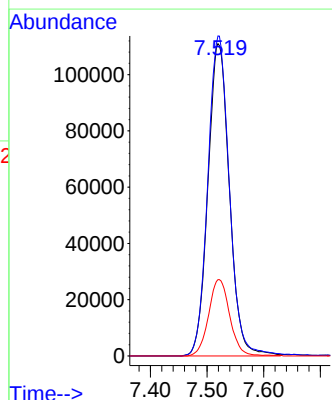
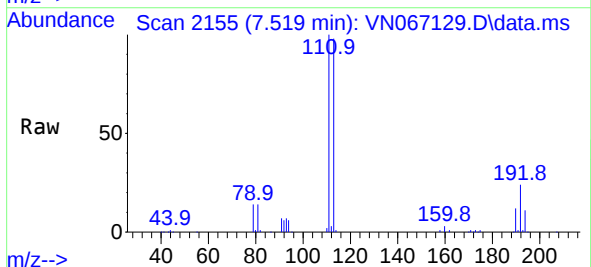
Instrument :
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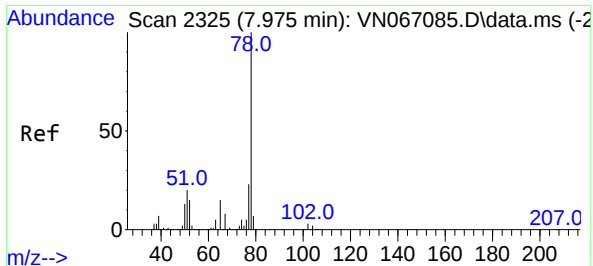
Tgt Ion:114 Resp: 901528
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.8
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion:113 Resp: 292658
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 24.0 18.2 27.4

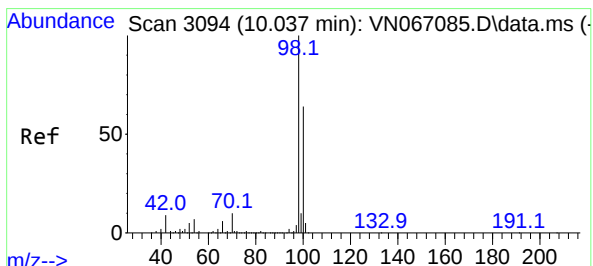
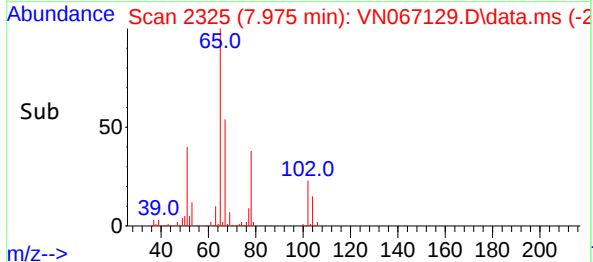
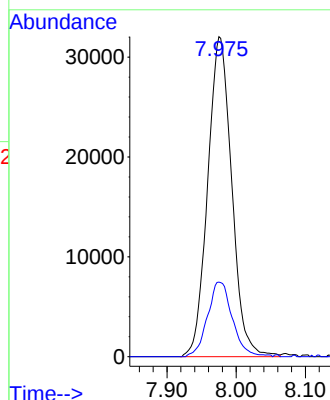
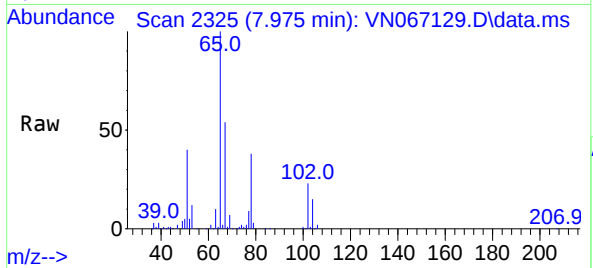




#40
Benzene
Concen: 3.10 ug/l
RT: 7.975 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

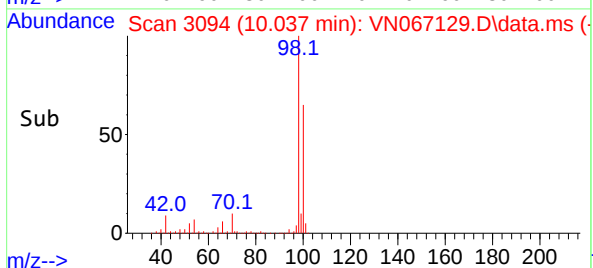
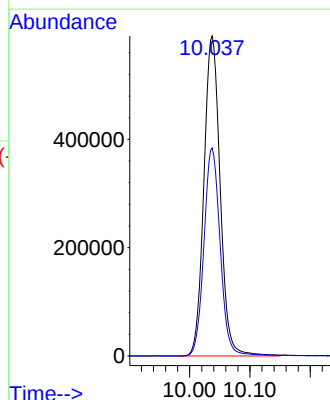
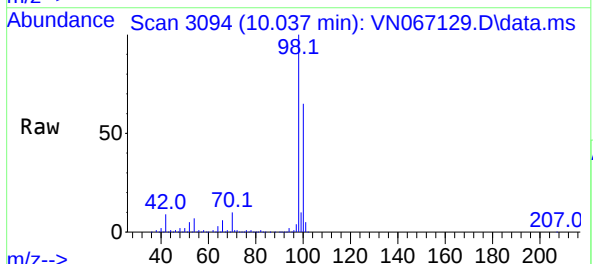
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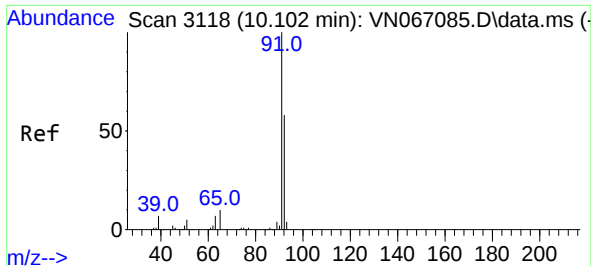
Tgt Ion: 78 Resp: 77330
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6



#50
Toluene-d8
Concen: 49.47 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 98 Resp: 1109949
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8

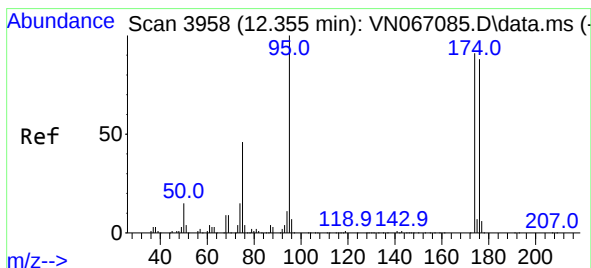
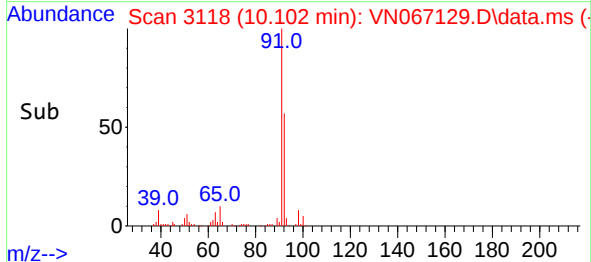
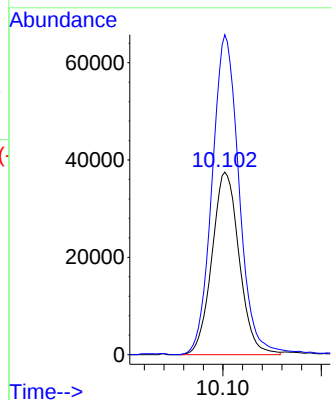
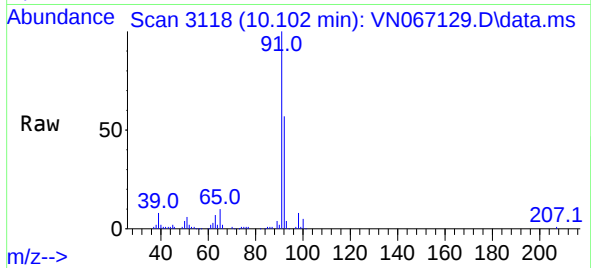




#52
Toluene
Concen: 4.48 ug/l
RT: 10.102 min Scan# 3118
Delta R.T. -0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

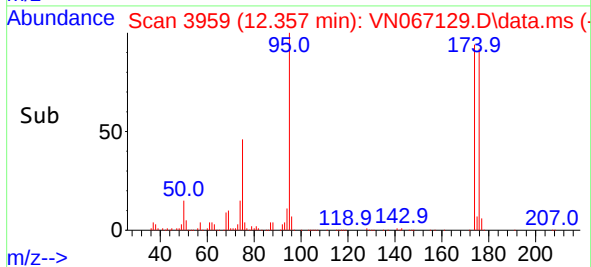
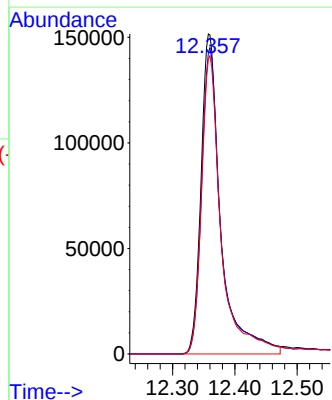
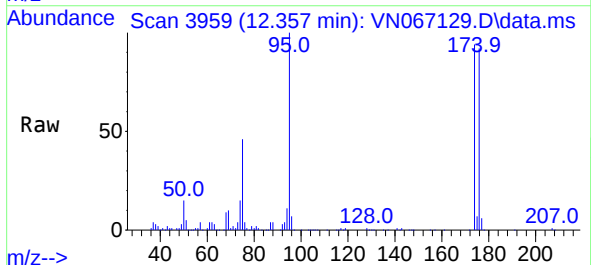
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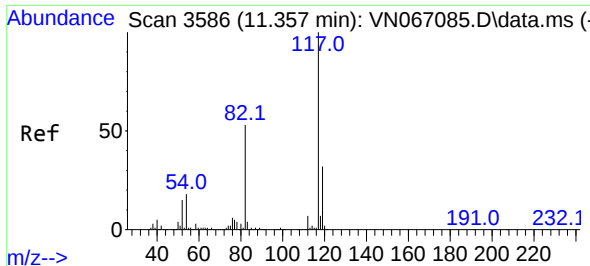
Tgt Ion: 92 Resp: 72303
Ion Ratio Lower Upper
92 100
91 174.3 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 95 Resp: 332267
Ion Ratio Lower Upper
95 100
174 96.6 0.0 182.8
176 94.6 0.0 176.6

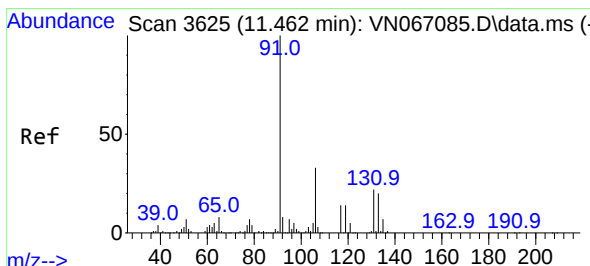
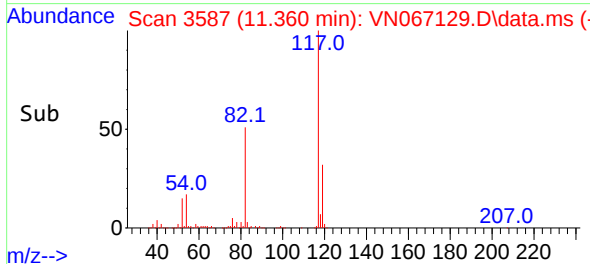
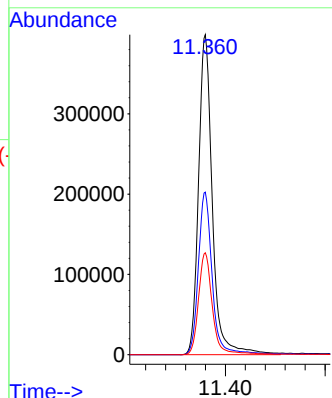
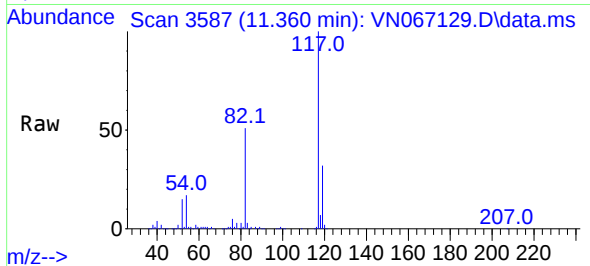




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

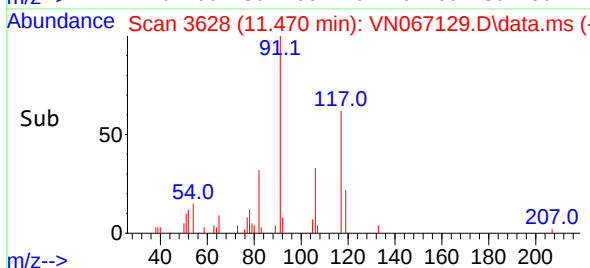
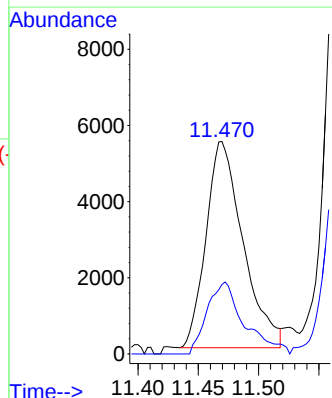
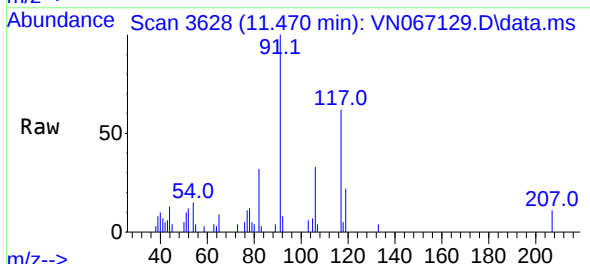
Instrument :
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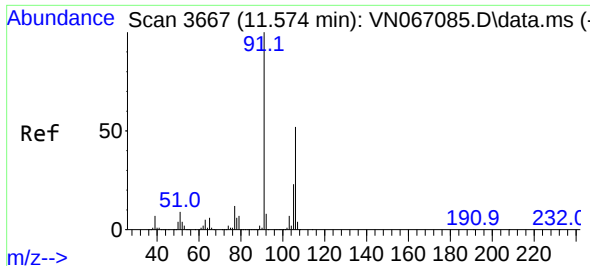
Tgt Ion:117 Resp: 767296
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.2
119 31.9 25.8 38.6



#67
Ethyl Benzene
Concen: 0.40 ug/l
RT: 11.470 min Scan# 3628
Delta R.T. 0.008 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion: 91 Resp: 11568
Ion Ratio Lower Upper
91 100
106 33.7 26.2 39.2

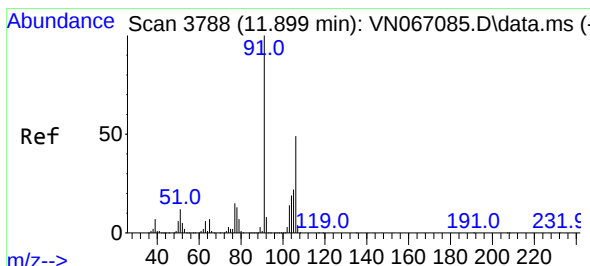
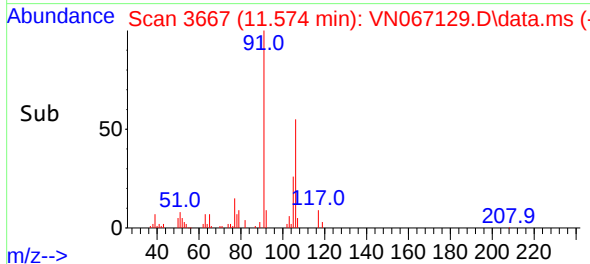
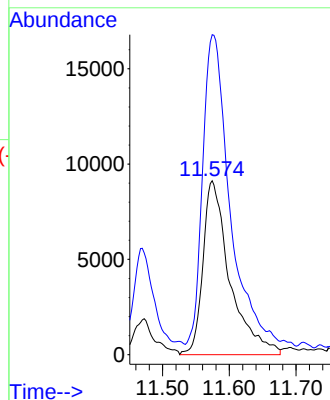
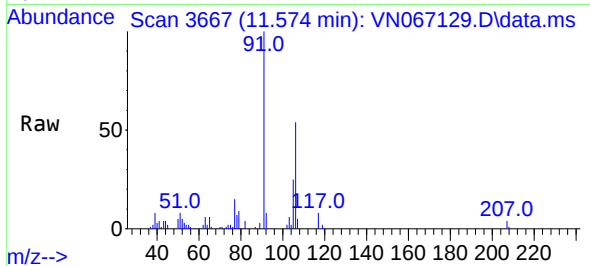




#68
m/p-Xylenes
Concen: 2.30 ug/l
RT: 11.574 min Scan# 3667
Delta R.T. 0.000 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

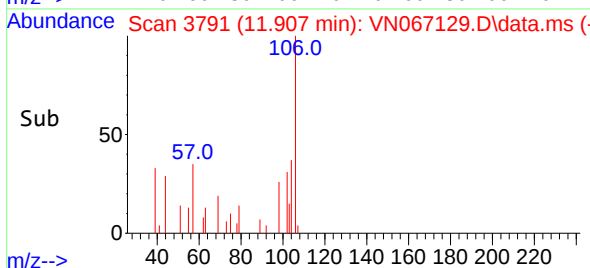
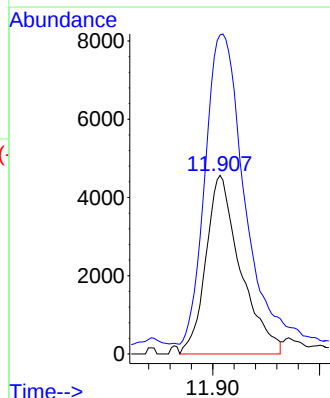
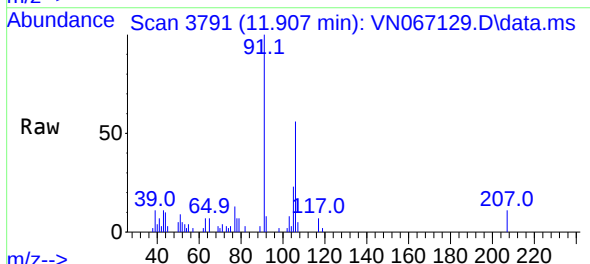
Instrument :
MSVOA_N
ClientSampled :
41801

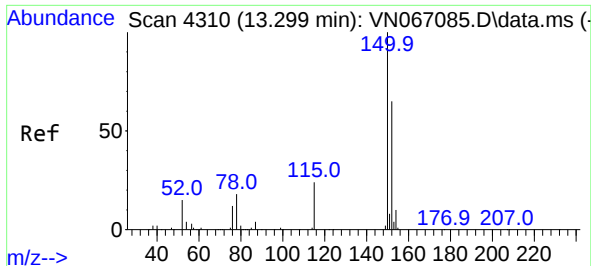
Tgt Ion:106 Resp: 25625
Ion Ratio Lower Upper
106 100
91 177.0 155.2 232.8



#69
o-Xylene
Concen: 0.92 ug/l
RT: 11.907 min Scan# 3791
Delta R.T. 0.008 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion:106 Resp: 10269
Ion Ratio Lower Upper
106 100
91 198.5 102.3 306.8

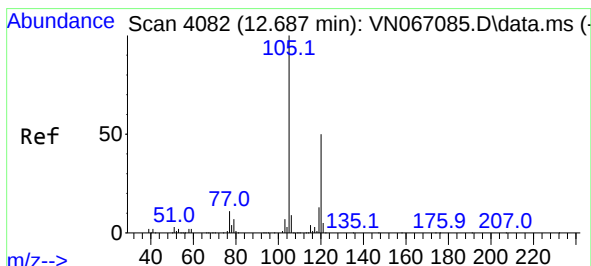
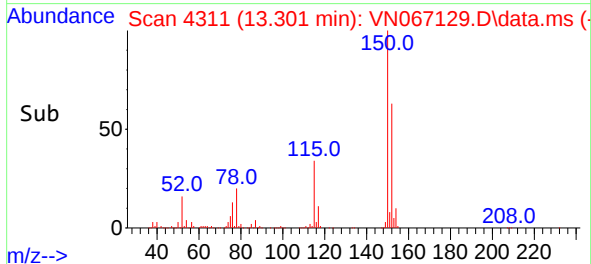
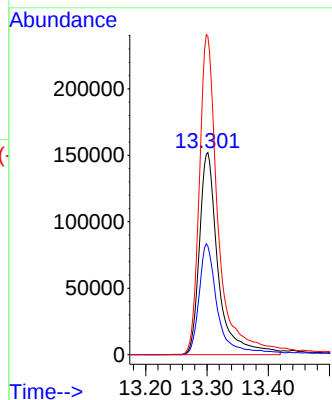
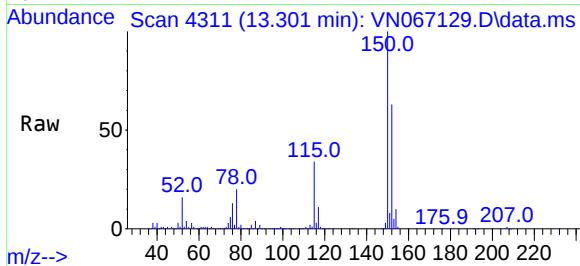




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. 0.002 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

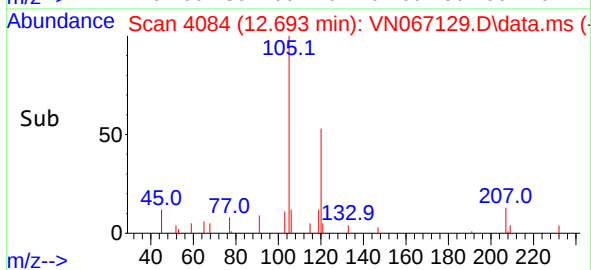
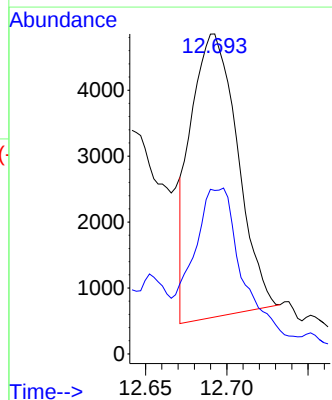
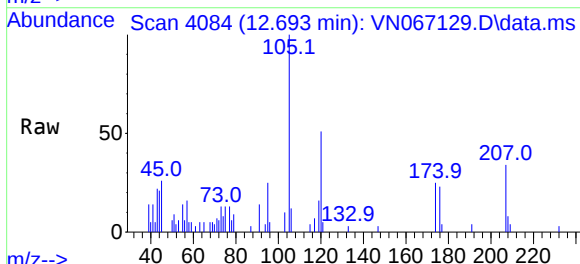
Instrument :
MSVOA_N
ClientSampled :
41801

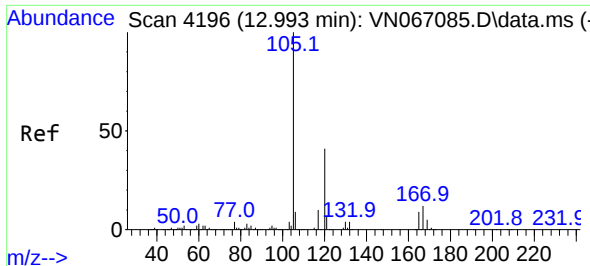
Tgt Ion:152 Resp: 325210
Ion Ratio Lower Upper
152 100
115 52.6 27.0 80.8
150 159.8 0.0 350.2



#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 12.693 min Scan# 4084
Delta R.T. 0.006 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion:105 Resp: 8545
Ion Ratio Lower Upper
105 100
120 56.6 25.0 75.0

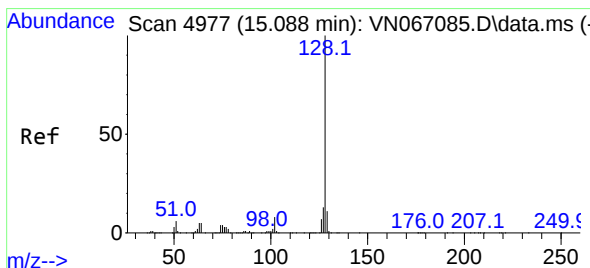
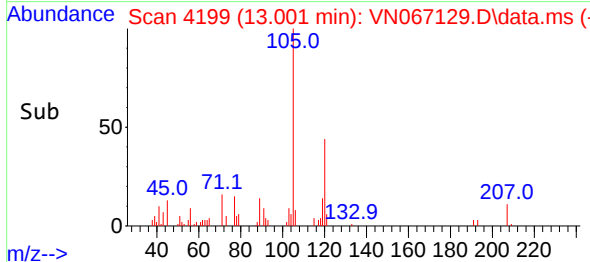
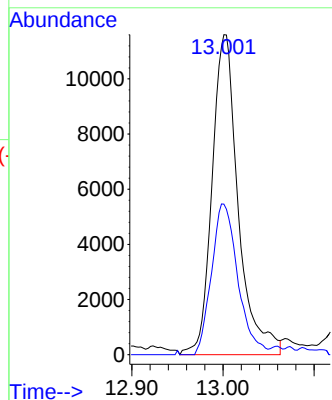
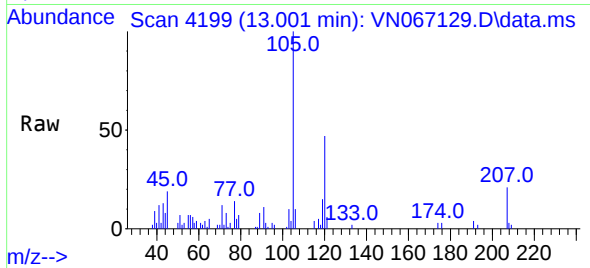




#84
1,2,4-Trimethylbenzene
Concen: 1.11 ug/l
RT: 13.001 min Scan# 4199
Delta R.T. 0.008 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Instrument :
MSVOA_N
ClientSampled :
41801

Tgt Ion:105 Resp: 23164
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.2



#95
Naphthalene
Concen: 4.50 ug/l
RT: 15.098 min Scan# 4981
Delta R.T. 0.010 min
Lab File: VN067129.D
Acq: 18 May 2021 16:03

Tgt Ion:128 Resp: 18453
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 1.4 8.6 13.0#

