

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069165.D
 Acq On : 25 Oct 2021 21:05
 Operator : JC/MD
 Sample : M4284-17DL 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 20890DL

Quant Time: Oct 26 01:36:56 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)

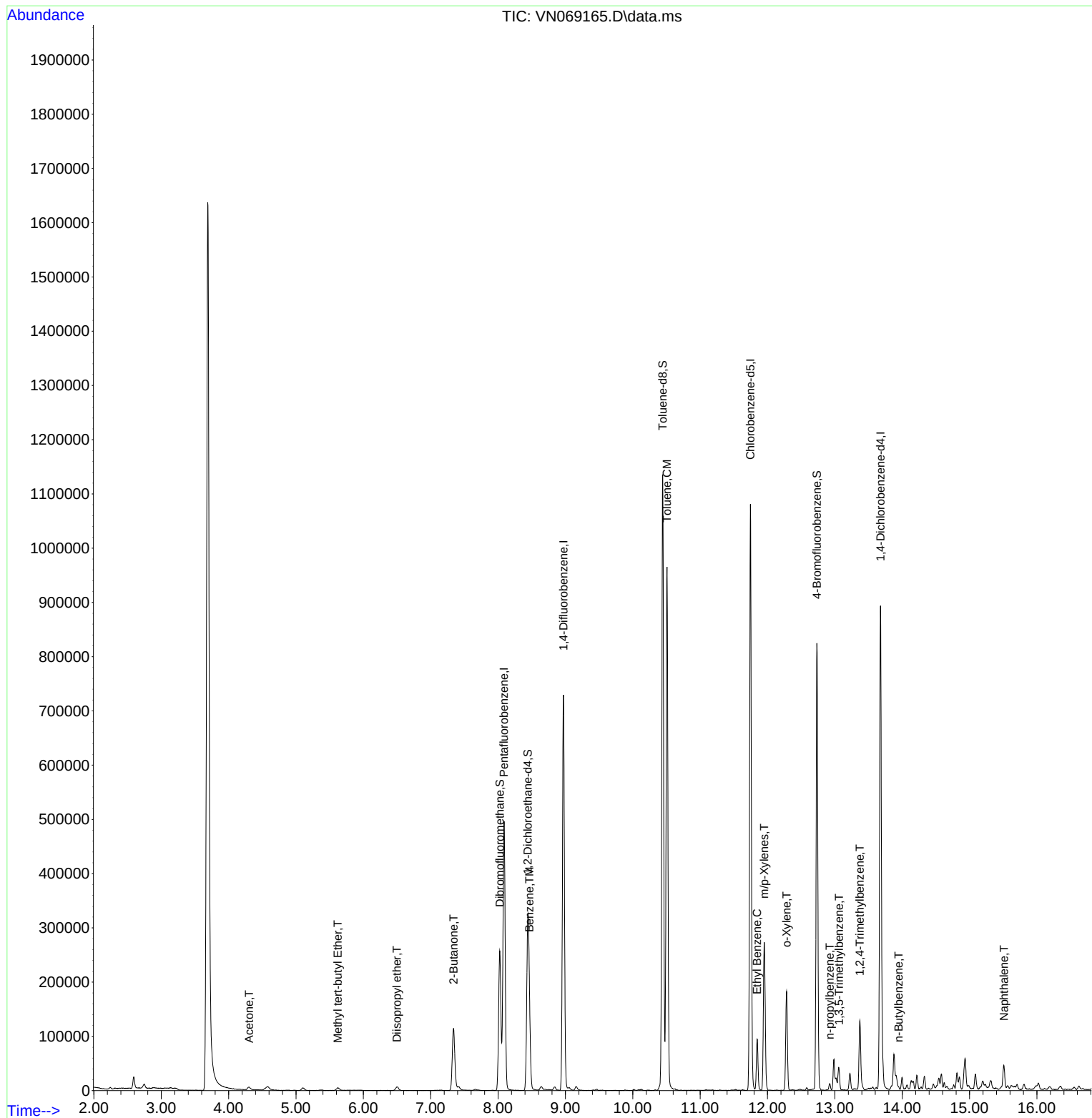
Internal Standards						
1) Pentafluorobenzene	8.088	168	377321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	649623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	631845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239331	48.108	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.220%	
35) Dibromofluoromethane	8.027	113	190212	50.326	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.660%	
50) Toluene-d8	10.443	98	816499	53.992	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	107.980%	
62) 4-Bromofluorobenzene	12.734	95	298748	52.360	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	104.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	9063	4.882	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	8081	0.595	ug/l	96
22) Diisopropyl ether	6.498	45	8349	0.614	ug/l #	84
25) 2-Butanone	7.340	43	192631	68.616	ug/l	99
40) Benzene	8.464	78	126919	7.512	ug/l	97
52) Toluene	10.507	92	430740	39.624	ug/l	98
67) Ethyl Benzene	11.846	91	71336	3.212	ug/l	99
68) m/p-Xylenes	11.953	106	86807	10.311	ug/l	99
69) o-Xylene	12.283	106	52485	6.228	ug/l	99
78) n-propylbenzene	12.924	91	11320	0.508	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	17117	1.036	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	81561	5.123	ug/l	97
89) n-Butylbenzene	13.946	91	3986	0.300	ug/l #	81
95) Naphthalene	15.509	128	41062	7.241	ug/l	100

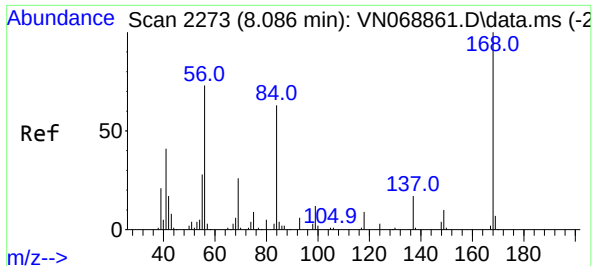
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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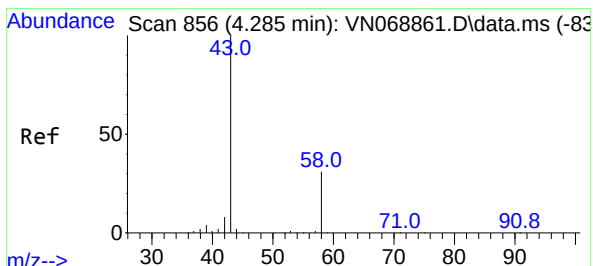
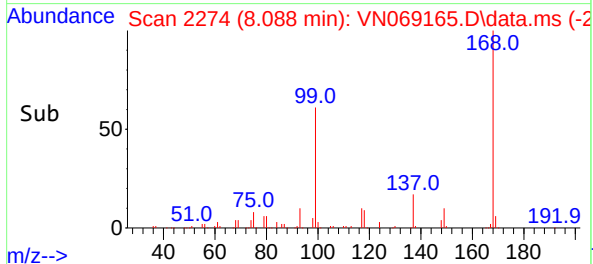
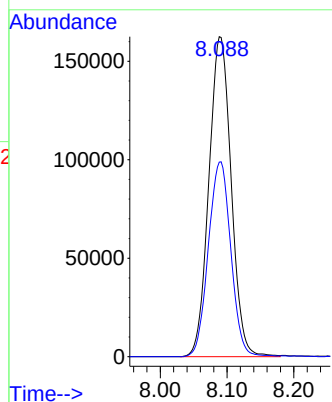
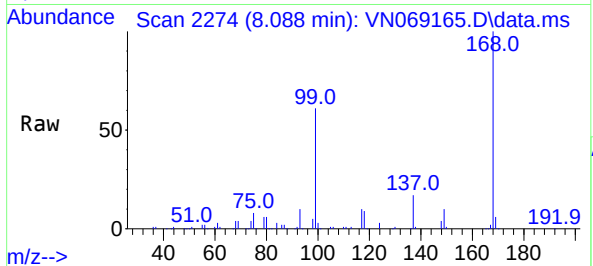




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

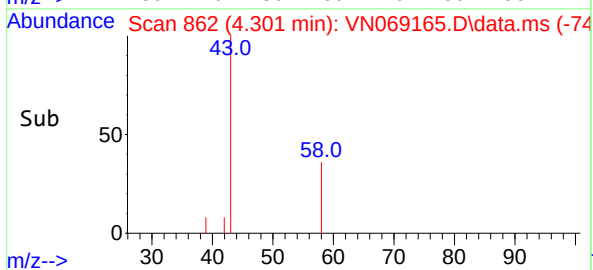
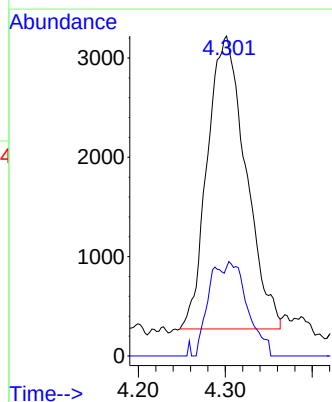
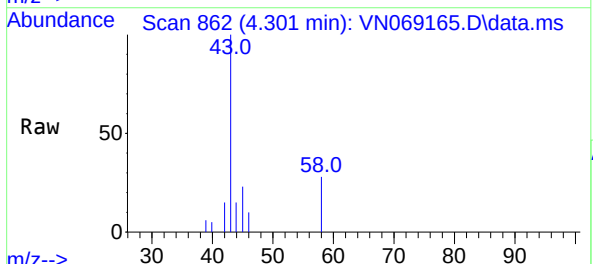
Instrument :
MSVOA_N
ClientSampleId :
20890DL

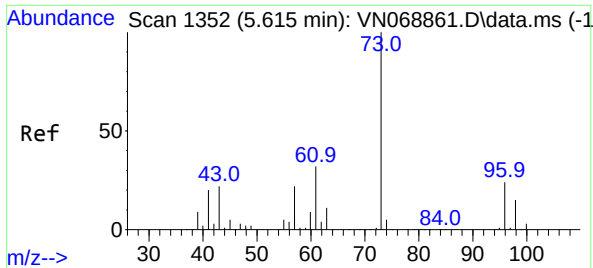
Tgt Ion:168 Resp: 377321
Ion Ratio Lower Upper
168 100
99 60.8 48.9 73.3



#16
Acetone
Concen: 4.882 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 43 Resp: 9063
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7

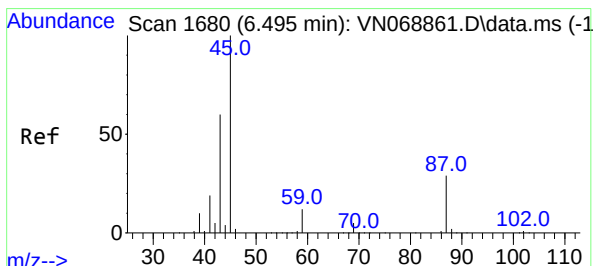
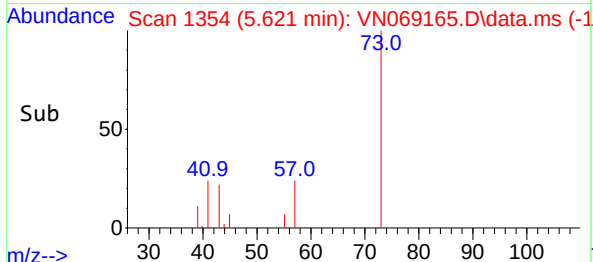
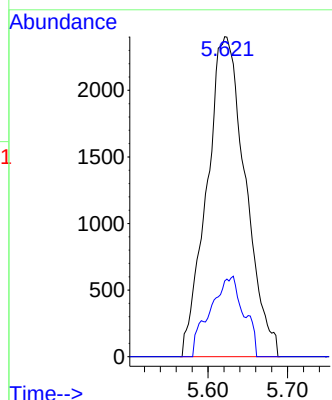
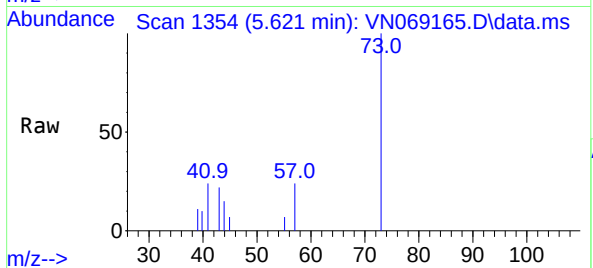




#19
Methyl tert-butyl Ether
Concen: 0.595 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.005 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

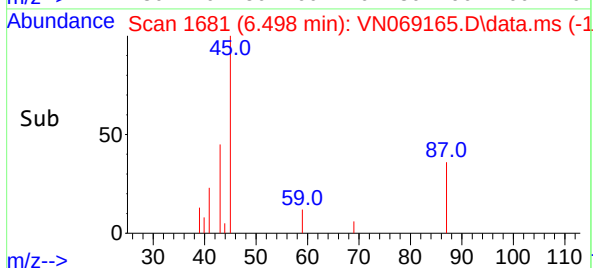
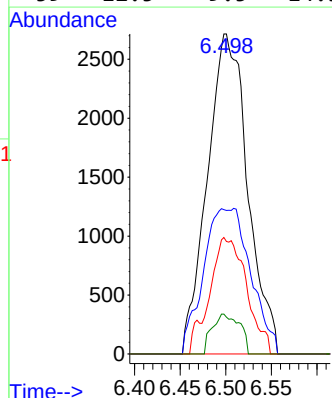
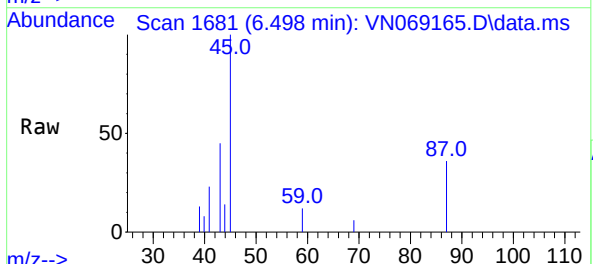
Instrument :
MSVOA_N
ClientSampled :
20890DL

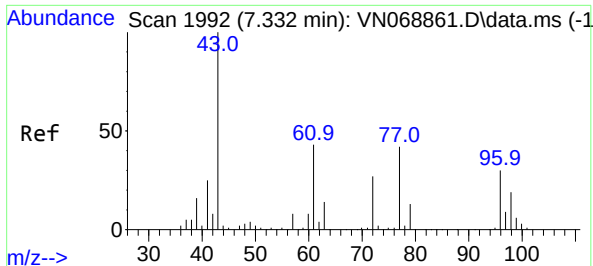
Tgt Ion: 73 Resp: 8081
Ion Ratio Lower Upper
73 100
57 23.6 17.3 25.9



#22
Diisopropyl ether
Concen: 0.614 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 45 Resp: 8349
Ion Ratio Lower Upper
45 100
43 45.1 48.0 72.0#
87 36.4 23.4 35.0#
59 12.5 9.5 14.3

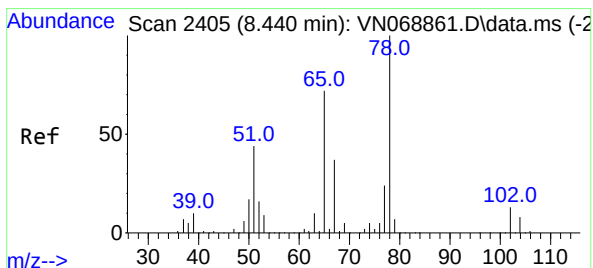
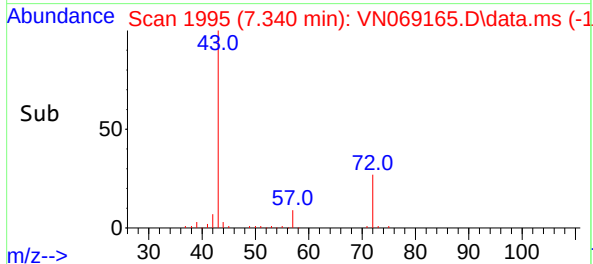
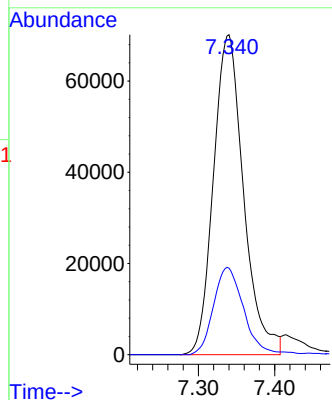
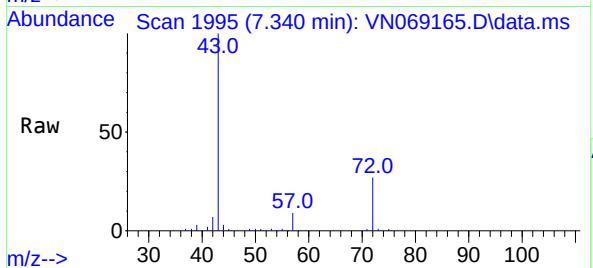




#25
2-Butanone
Concen: 68.616 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.008 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

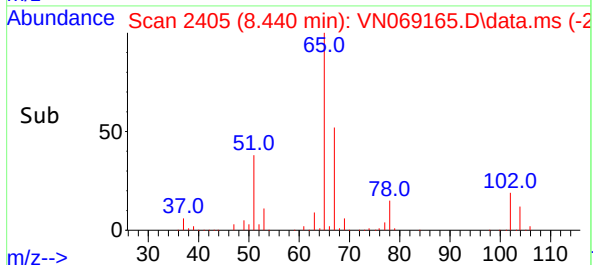
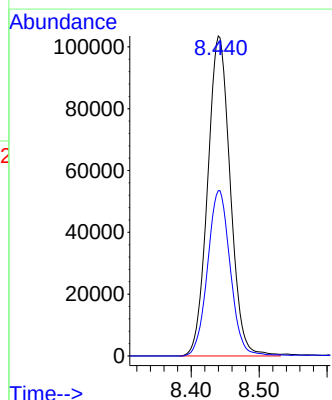
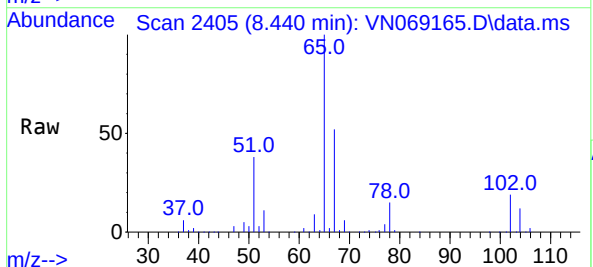
Instrument :
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20890DL

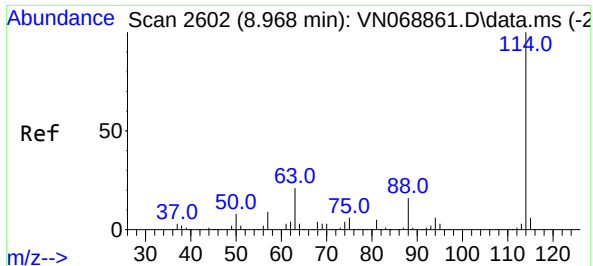
Tgt Ion: 43 Resp: 192631
Ion Ratio Lower Upper
43 100
72 27.0 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 65 Resp: 239331
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

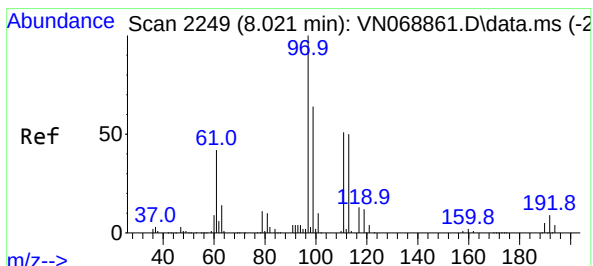
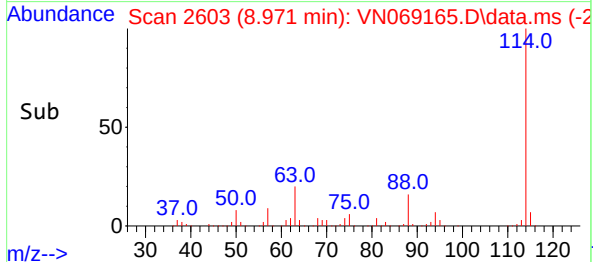
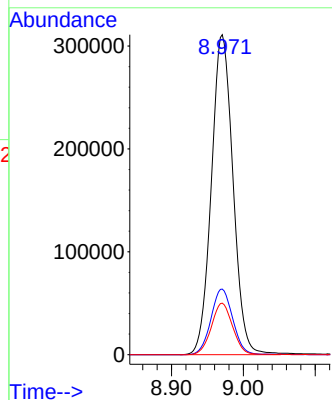
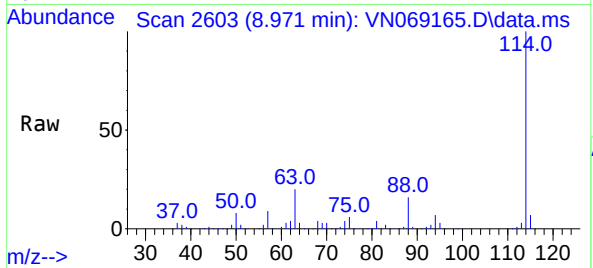




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

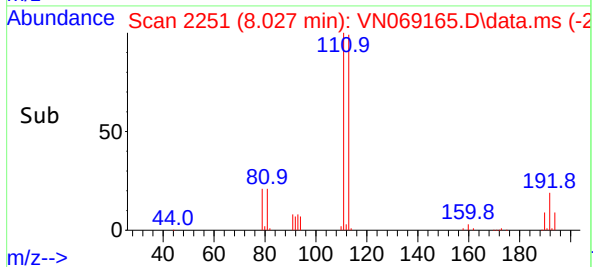
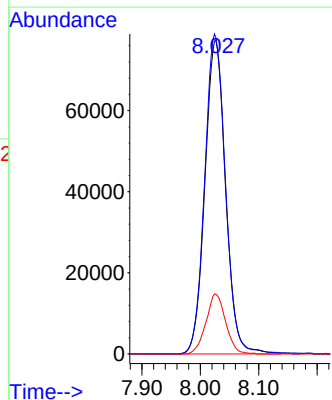
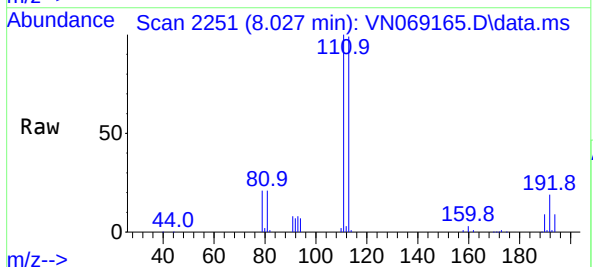
Instrument :
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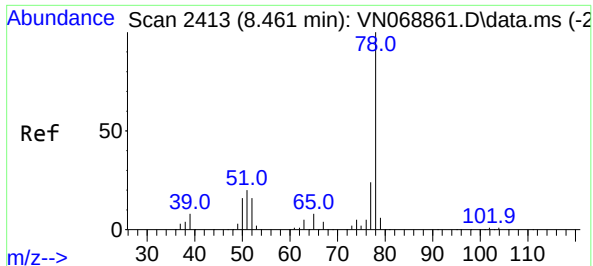
Tgt Ion:114 Resp: 649623
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.326 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion:113 Resp: 190212
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 18.2 15.0 22.4

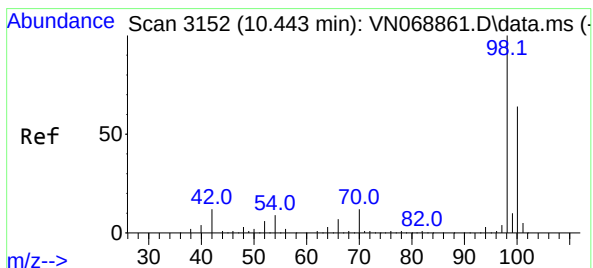
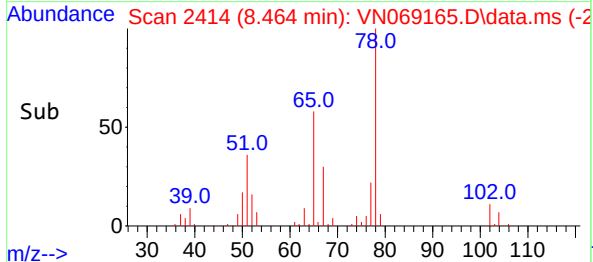
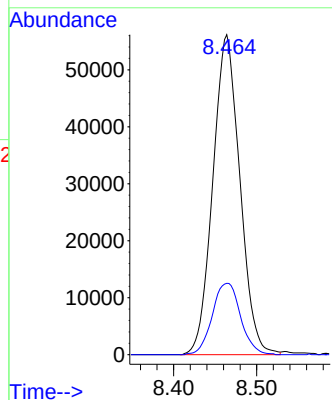
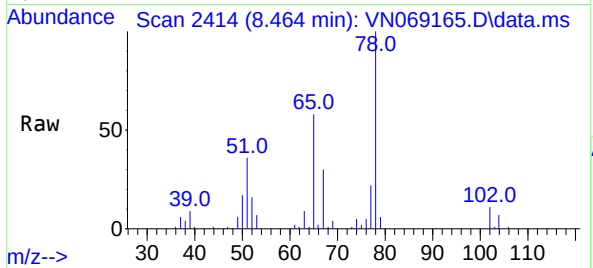




#40
Benzene
Concen: 7.512 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

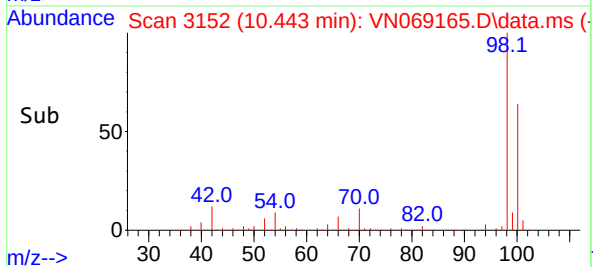
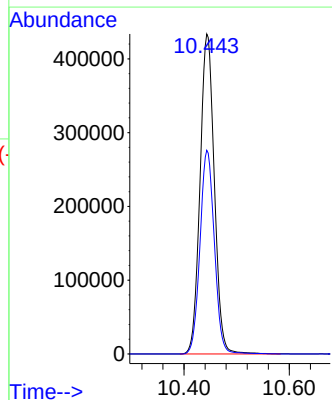
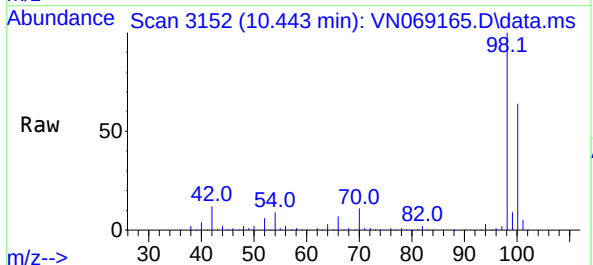
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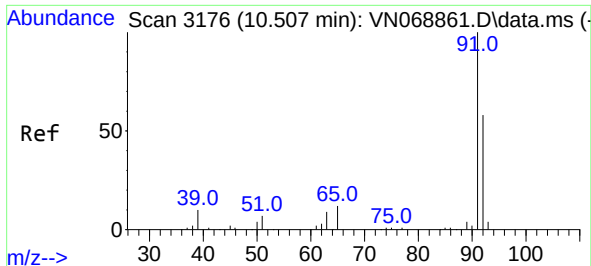
Tgt Ion: 78 Resp: 126919
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7



#50
Toluene-d8
Concen: 53.992 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 98 Resp: 816499
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

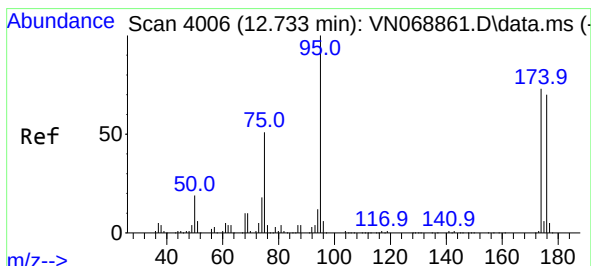
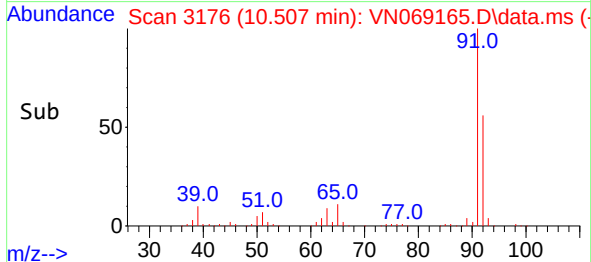
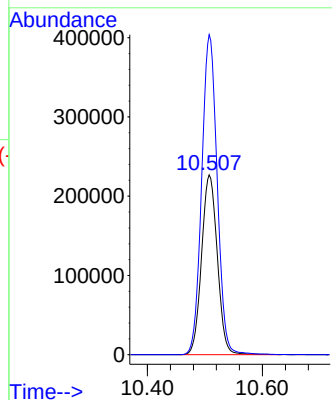
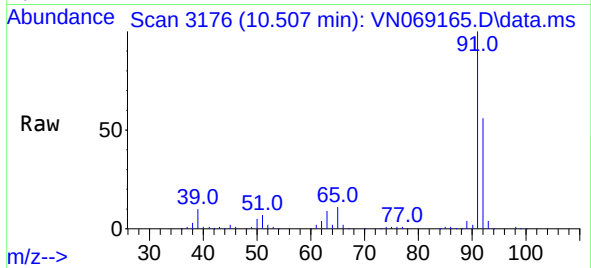




#52
Toluene
Concen: 39.624 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

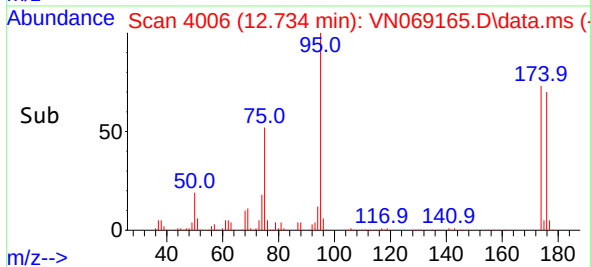
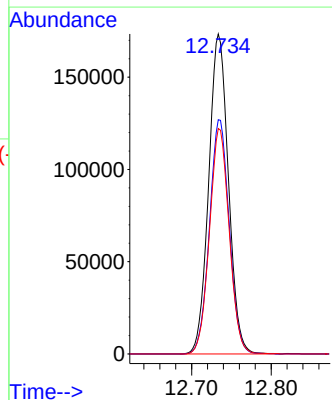
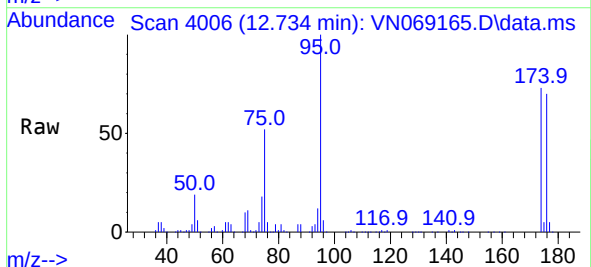
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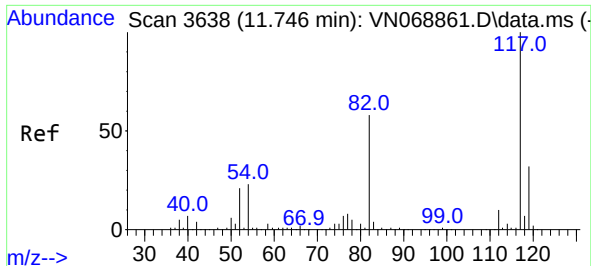
Tgt Ion: 92 Resp: 430740
Ion Ratio Lower Upper
92 100
91 175.4 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 52.360 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 95 Resp: 298748
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 70.4 0.0 140.0

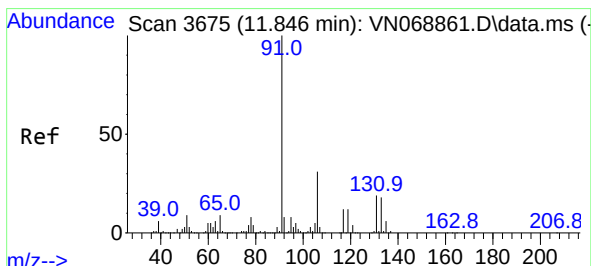
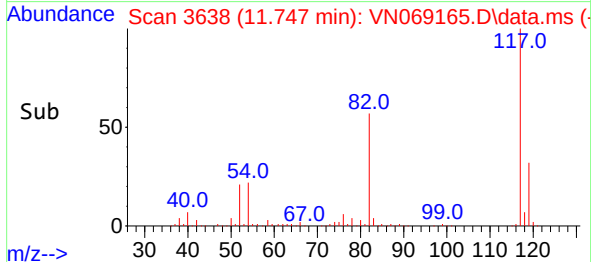
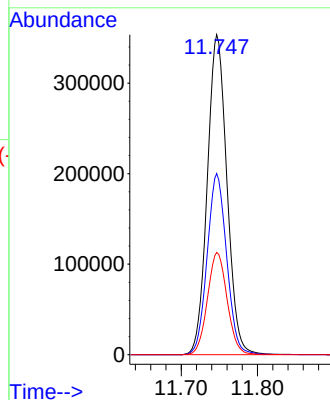
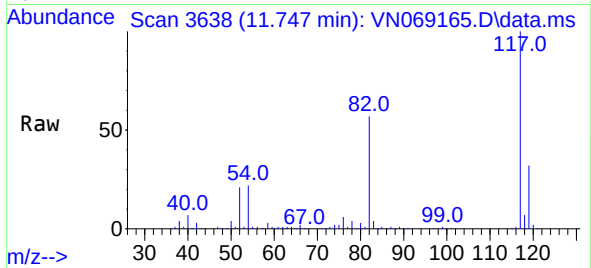




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

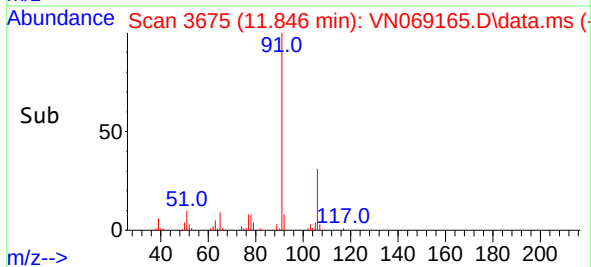
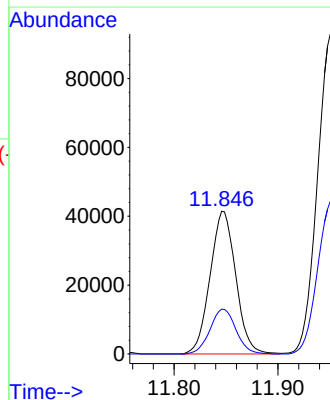
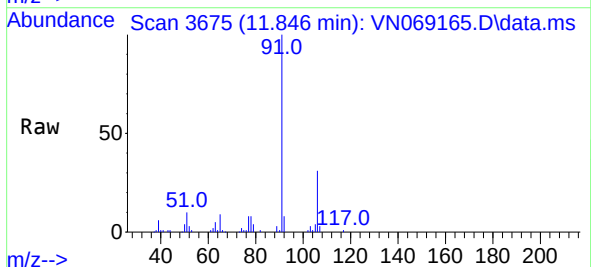
Instrument :
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20890DL

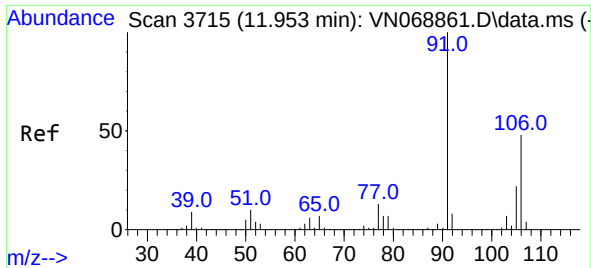
Tgt Ion:117 Resp: 631845
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.0 26.0 39.0



#67
Ethyl Benzene
Concen: 3.212 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 91 Resp: 71336
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

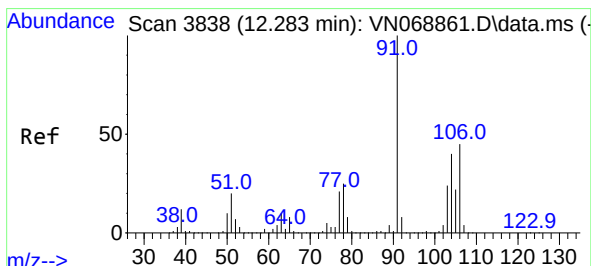
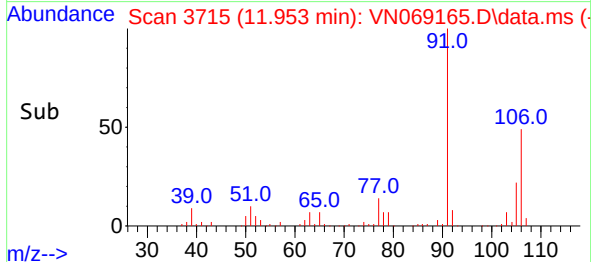
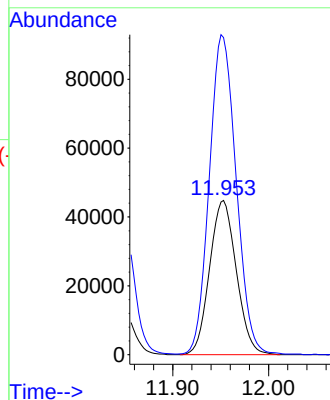
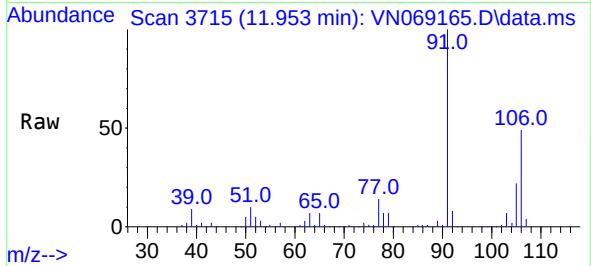




#68
m/p-Xylenes
Concen: 10.311 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

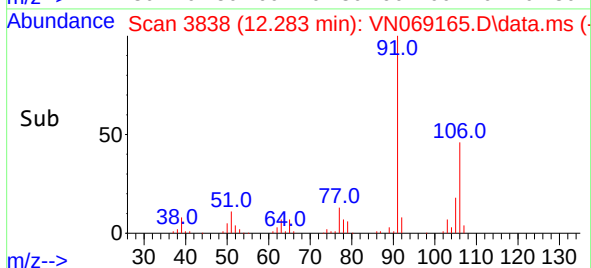
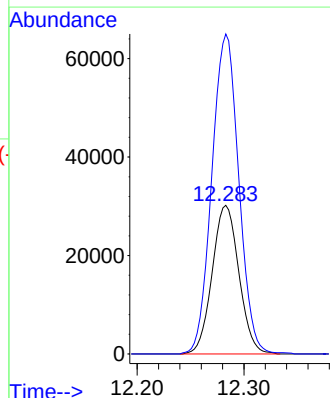
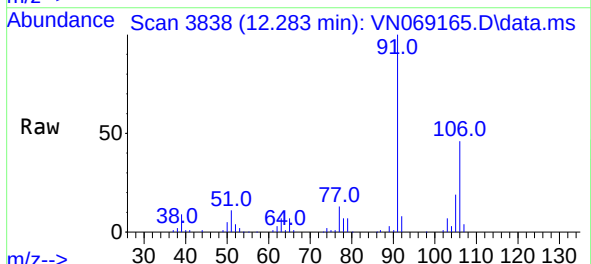
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ClientSampleId :
20890DL

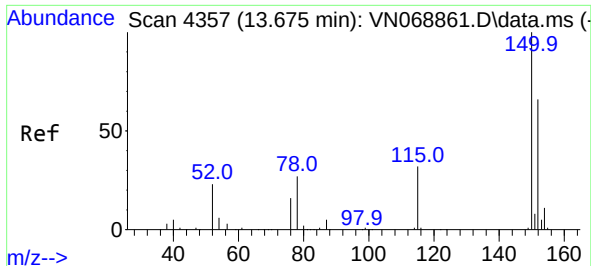
Tgt Ion:106 Resp: 86807
Ion Ratio Lower Upper
106 100
91 207.4 166.8 250.2



#69
o-Xylene
Concen: 6.228 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion:106 Resp: 52485
Ion Ratio Lower Upper
106 100
91 217.2 109.6 328.6

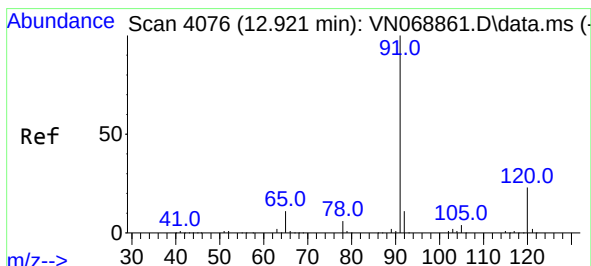
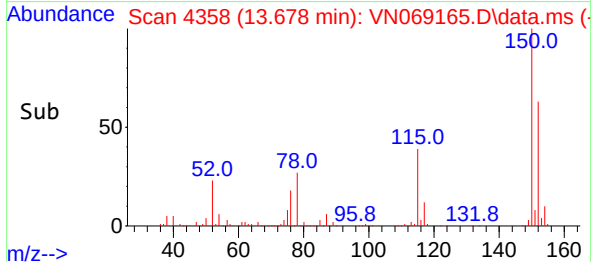
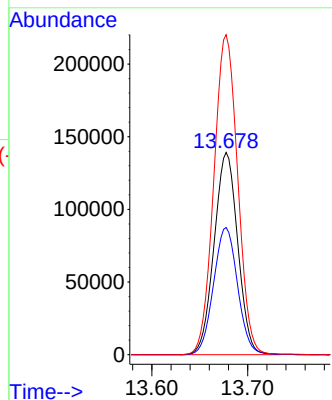
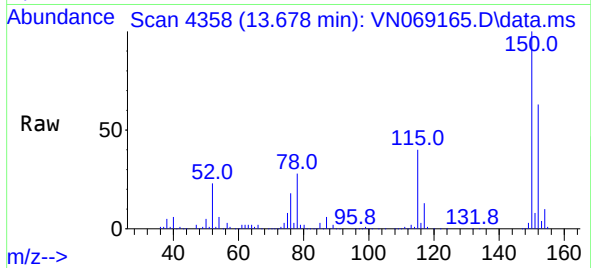




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

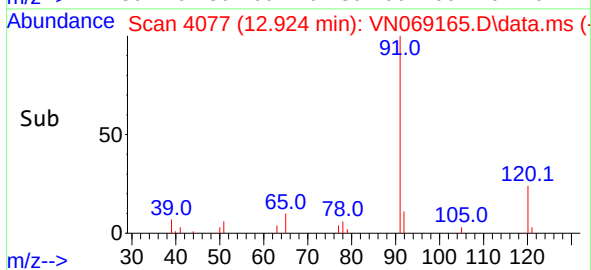
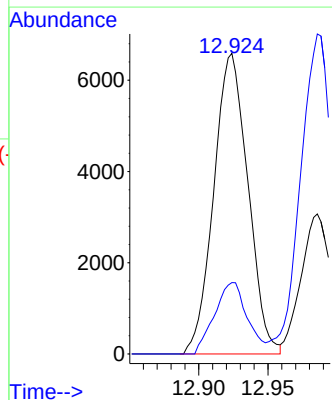
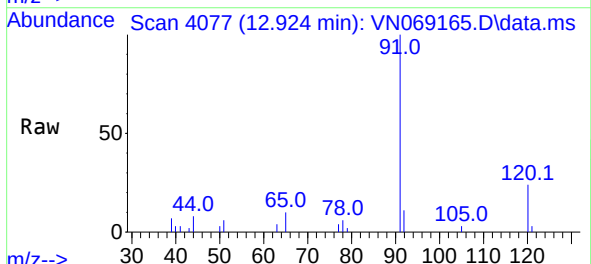
Instrument :
MSVOA_N
ClientSampleId :
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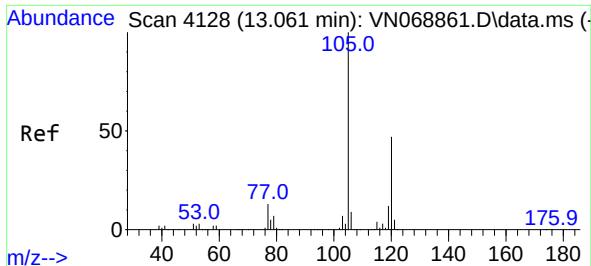
Tgt Ion:152 Resp: 238331
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.3
150 159.6 0.0 351.0



#78
n-propylbenzene
Concen: 0.508 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 91 Resp: 11320
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1

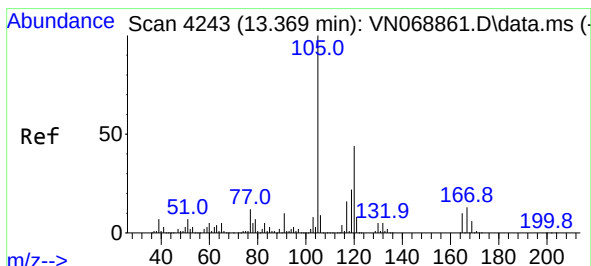
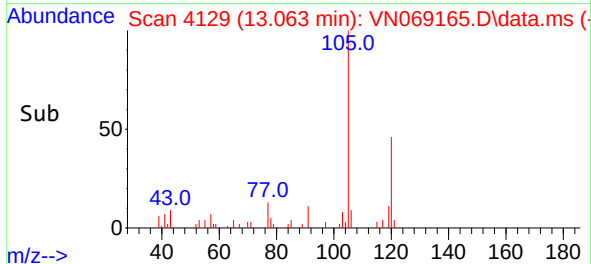
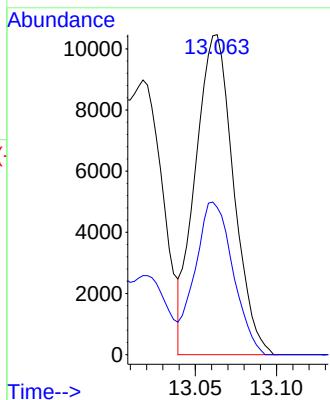
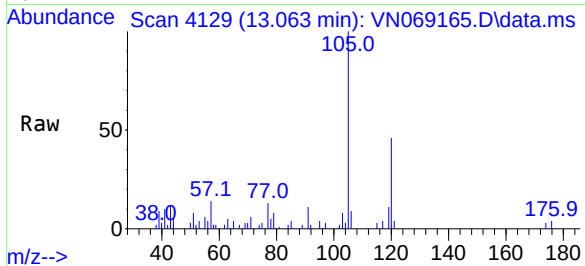




#80
1,3,5-Trimethylbenzene
Concen: 1.036 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

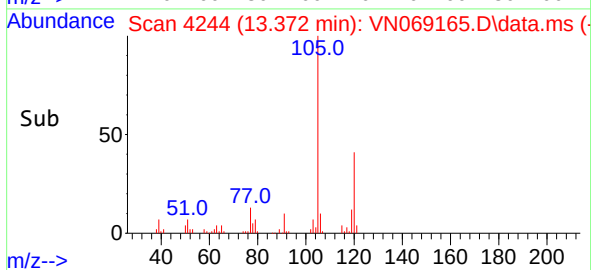
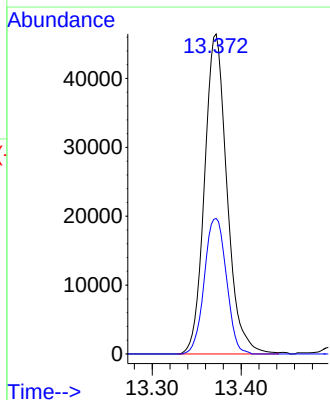
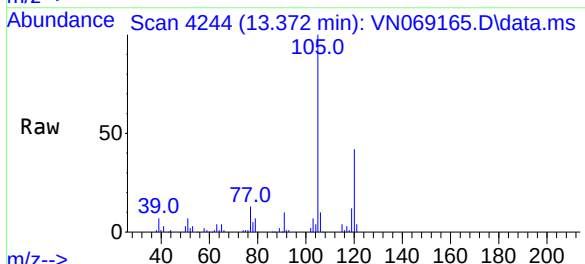
Instrument :
MSVOA_N
ClientSampleId :
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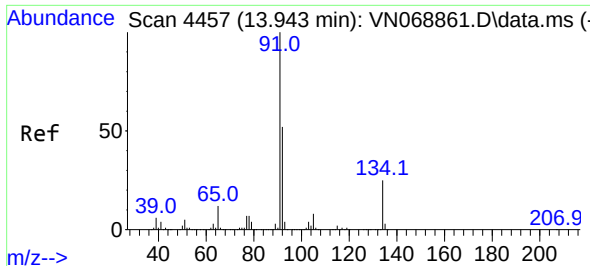
Tgt Ion:105 Resp: 17117
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 5.123 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

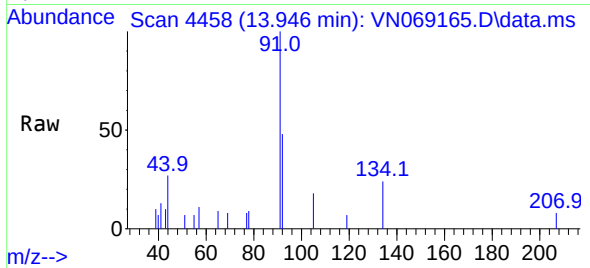
Tgt Ion:105 Resp: 81561
Ion Ratio Lower Upper
105 100
120 41.5 21.9 65.5



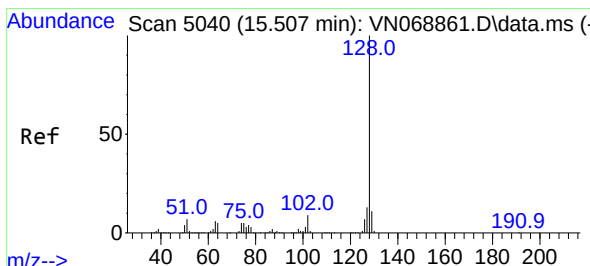
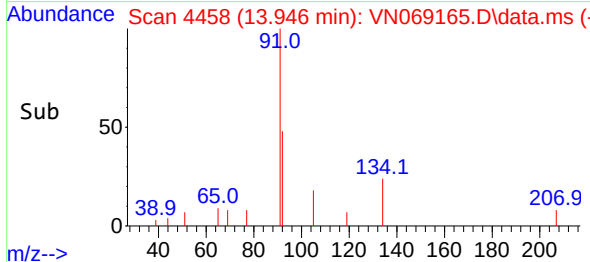
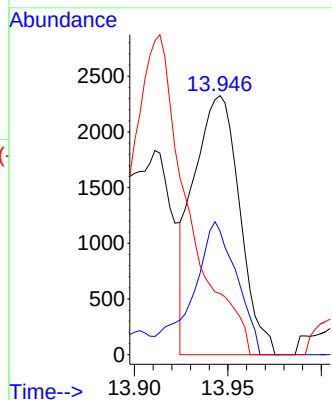


#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Instrument :
MSVOA_N
ClientSampled :
20890DL



Tgt Ion: 91 Resp: 3986
Ion Ratio Lower Upper
91 100
92 48.6 26.0 78.0
134 0.0 12.5 37.5#



#95
Naphthalene
Concen: 7.241 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069165.D
Acq: 25 Oct 2021 21:05

Tgt Ion: 128 Resp: 41062
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.9 13.3

