

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065445.D
 Acq On : 8 Jan 2021 15:49
 Operator : JC/MD
 Sample : M1022-08DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16790DL

Quant Time: Jan 08 22:48:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

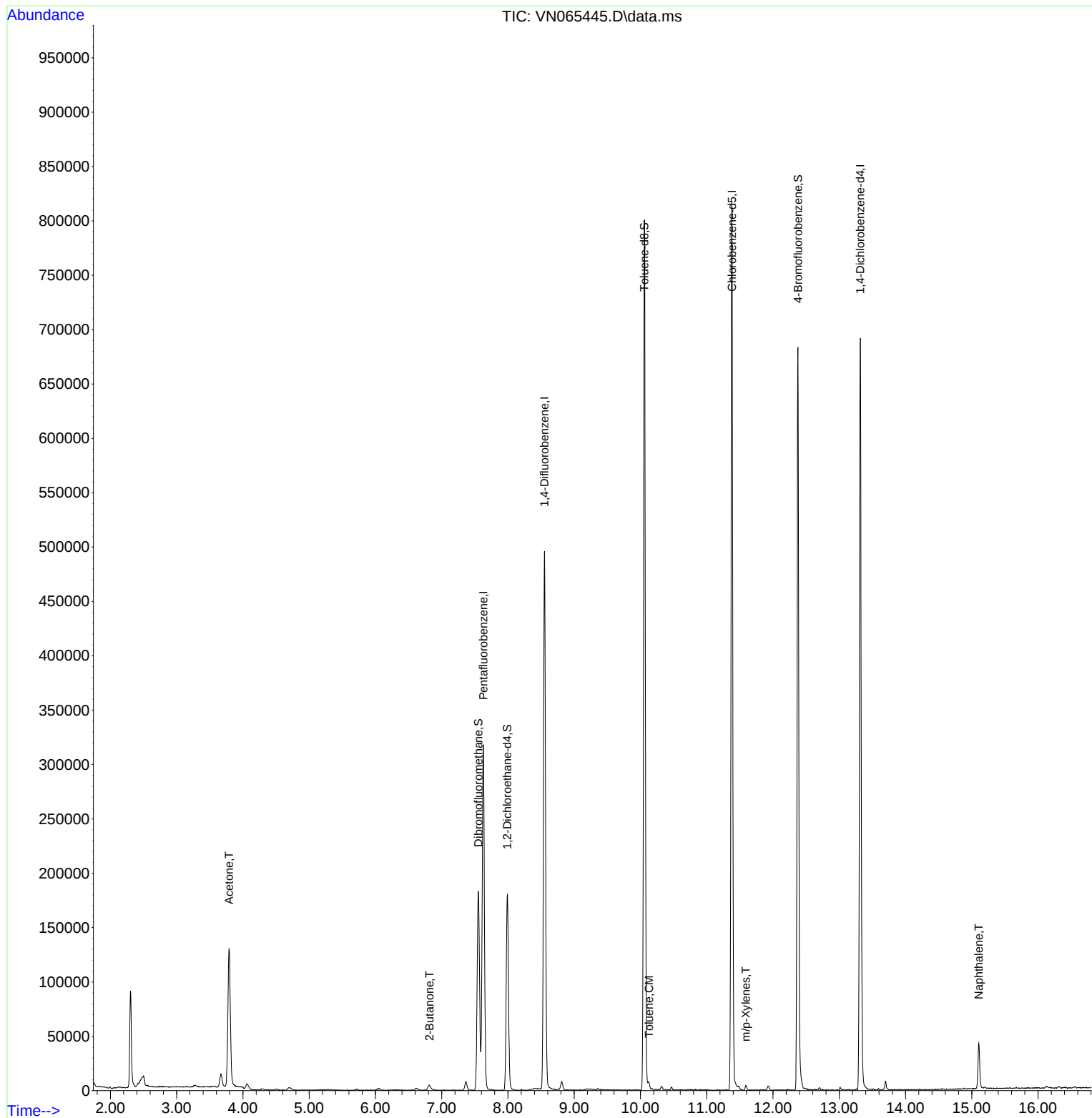
Internal Standards						
1) Pentafluorobenzene	7.627	168	283480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	467916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	503037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	217140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	159715	49.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.82%		
35) Dibromofluoromethane	7.553	113	140964	49.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.86%		
50) Toluene-d8	10.058	98	579033	54.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.46%		
62) 4-Bromofluorobenzene	12.376	95	235699	55.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.36%		
Target Compounds					Qvalue	
16) Acetone	3.791	43	210604	152.63	ug/l	97
25) 2-Butanone	6.814	43	5599	3.12	ug/l	94
52) Toluene	10.129	92	1666	0.21	ug/l	91
68) m/p-Xylenes	11.592	106	1485	0.21	ug/l	82
95) Naphthalene	15.106	128	41919	6.85	ug/l	99

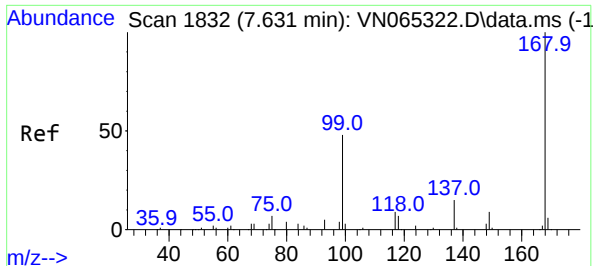
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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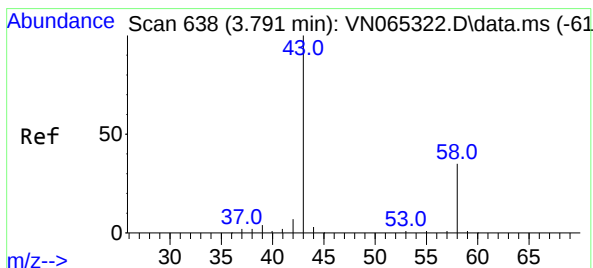
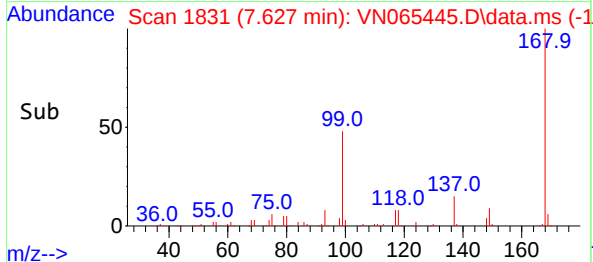
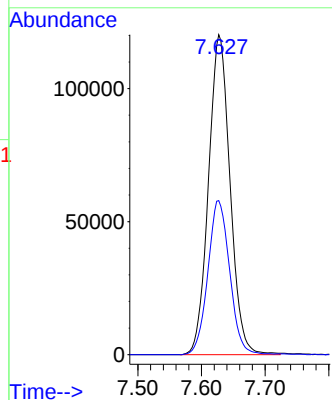
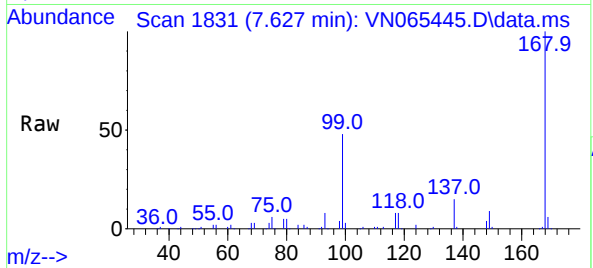




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

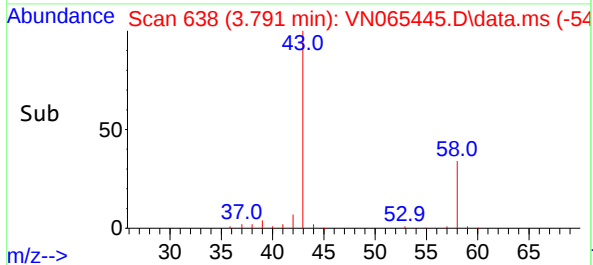
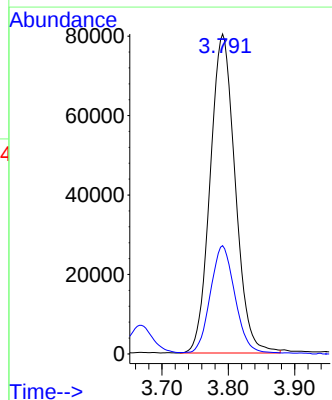
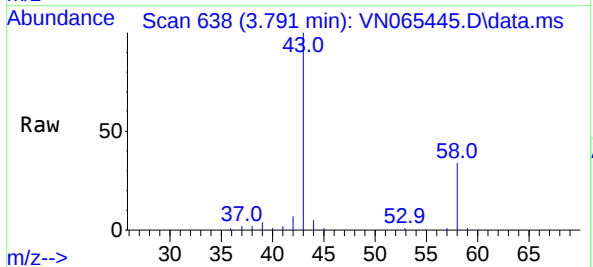
Instrument :
MSVOA_N
ClientSampleId :
16790DL

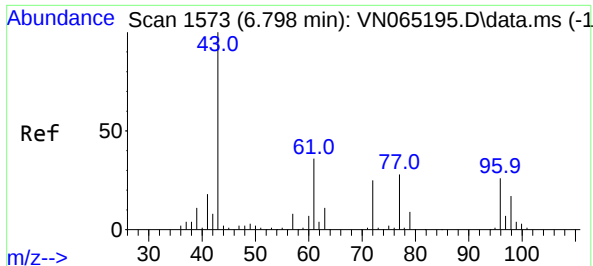
Tgt Ion:168 Resp: 283480
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#16
Acetone
Concen: 152.63 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion: 43 Resp: 210604
Ion Ratio Lower Upper
43 100
58 33.6 25.7 38.5

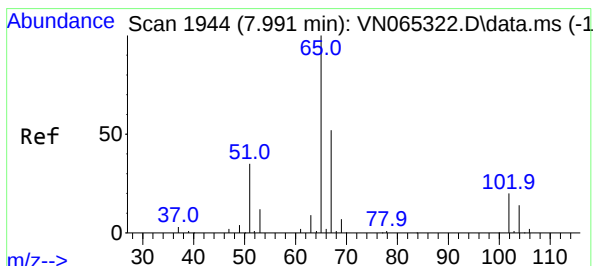
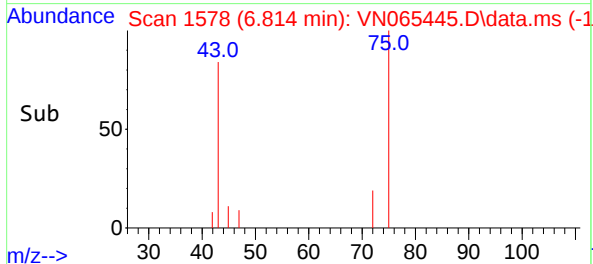
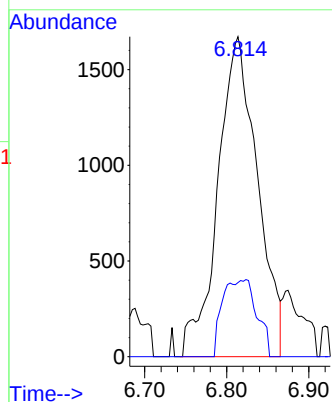
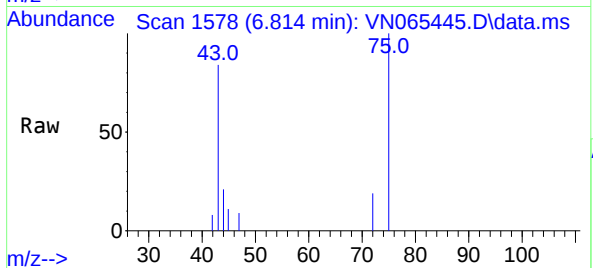




#25
2-Butanone
Concen: 3.12 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

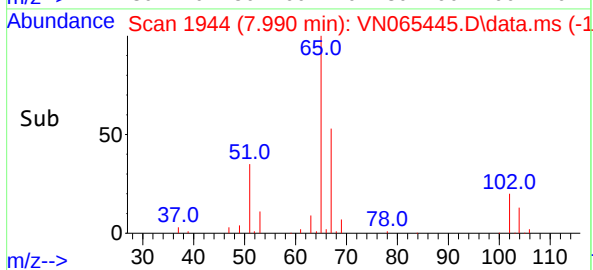
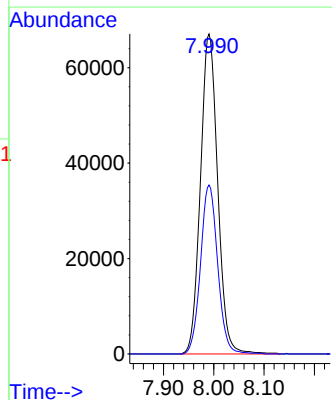
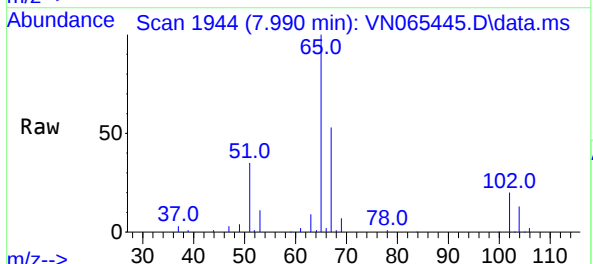
Instrument :
MSVOA_N
ClientSampled :
16790DL

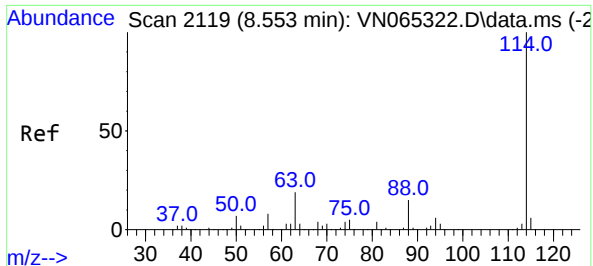
Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
72 23.1 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 49.91 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion: 65 Resp: 159715
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.2

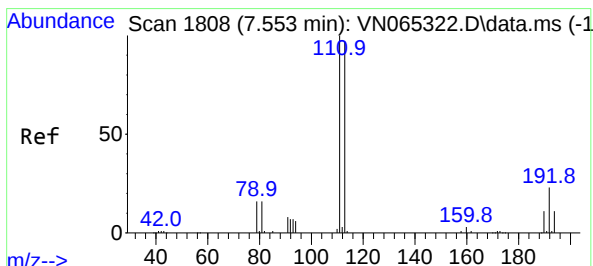
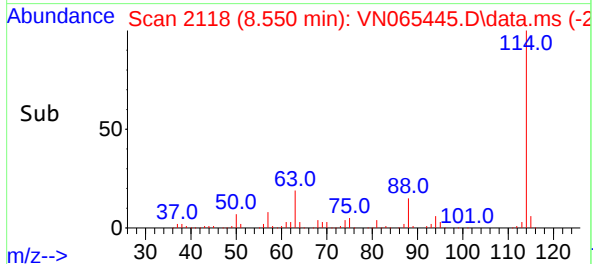
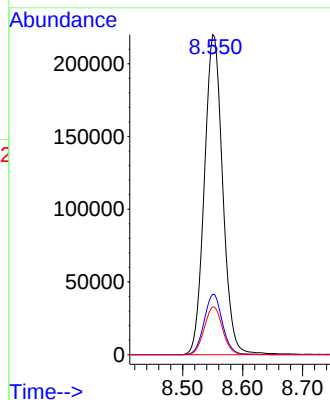
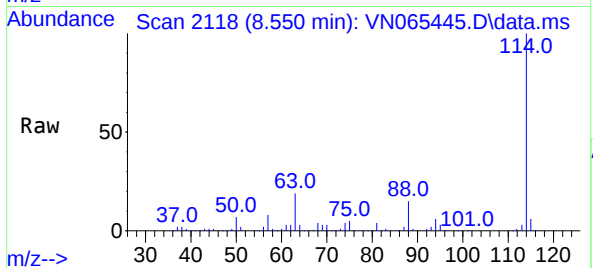




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

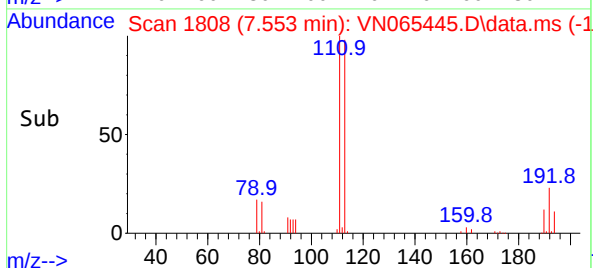
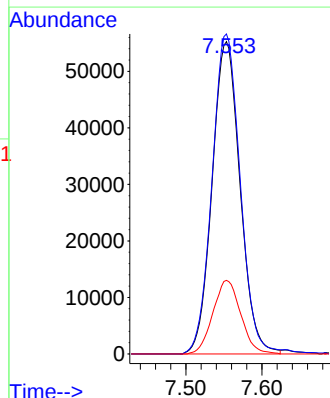
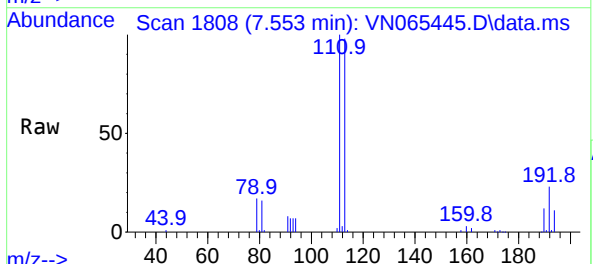
Instrument :
MSVOA_N
ClientSampleId :
16790DL

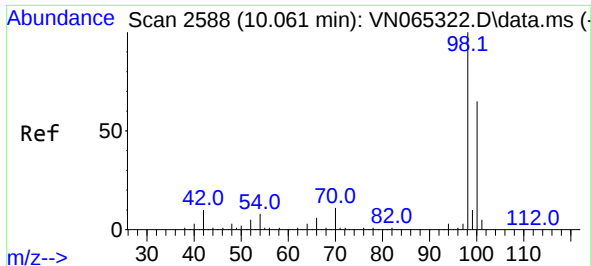
Tgt Ion:114 Resp: 467916
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.93 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion:113 Resp: 140964
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 23.5 16.2 24.2

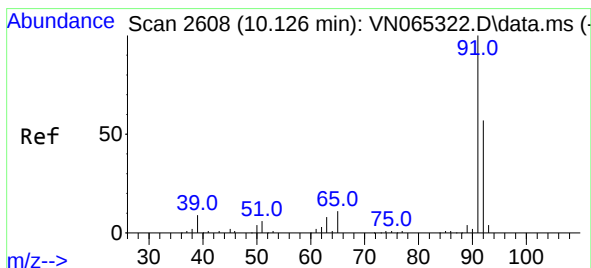
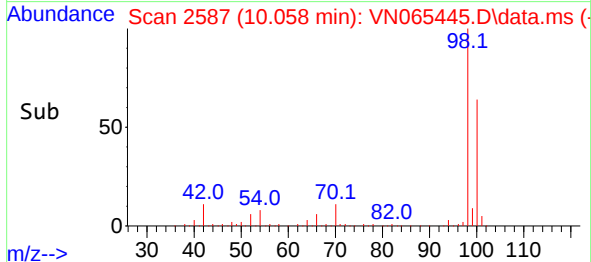
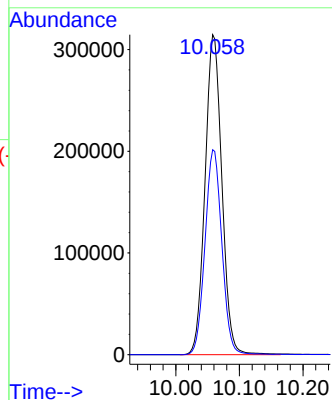
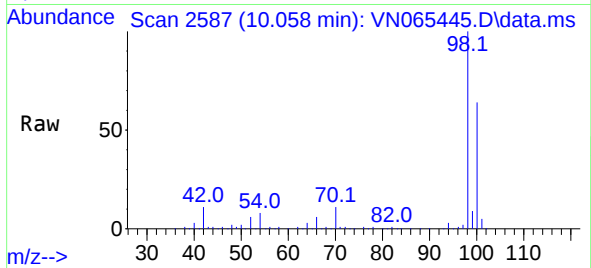




#50
Toluene-d8
Concen: 54.73 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

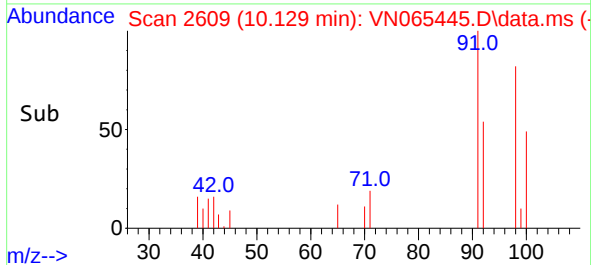
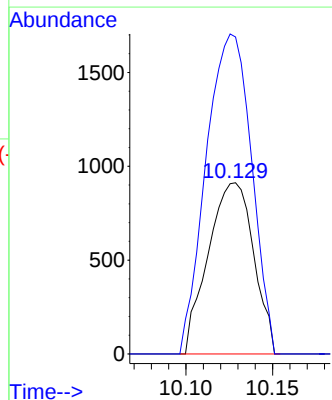
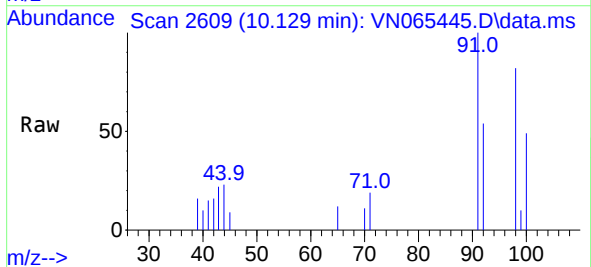
Instrument :
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ClientSampleId :
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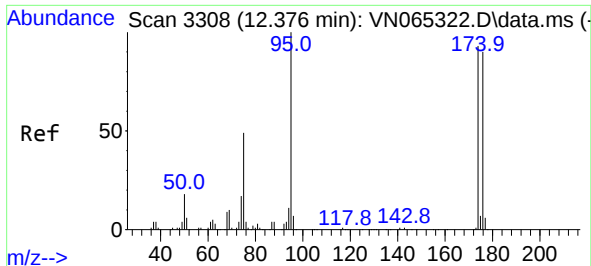
Tgt Ion: 98 Resp: 579033
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#52
Toluene
Concen: 0.21 ug/l
RT: 10.129 min Scan# 2609
Delta R.T. 0.003 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion: 92 Resp: 1666
Ion Ratio Lower Upper
92 100
91 186.4 139.1 208.7

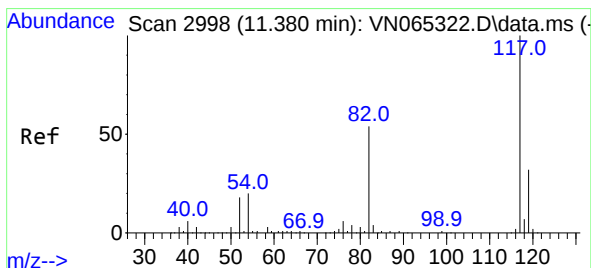
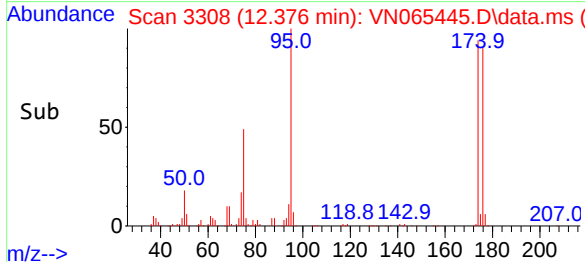
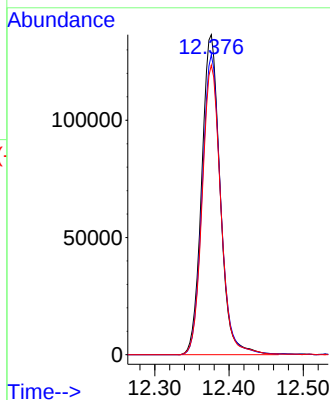
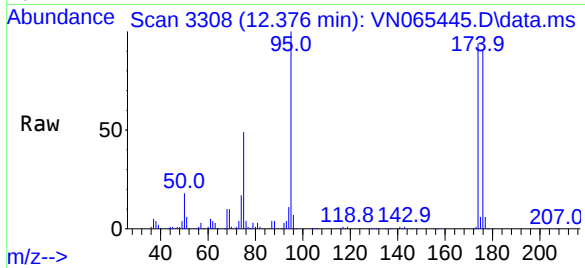




#62
4-Bromofluorobenzene
Concen: 55.68 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

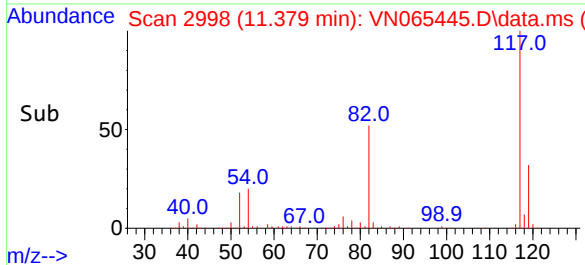
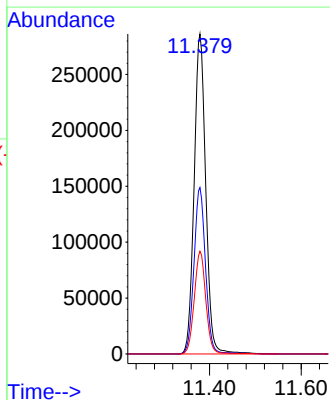
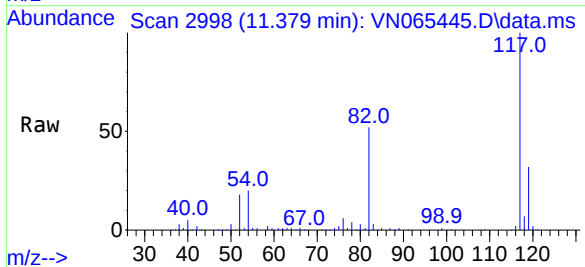
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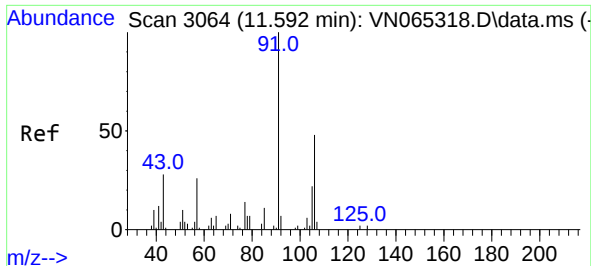
Tgt Ion: 95 Resp: 235699
Ion Ratio Lower Upper
95 100
174 94.1 0.0 160.4
176 91.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion: 117 Resp: 503037
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.1 25.8 38.6

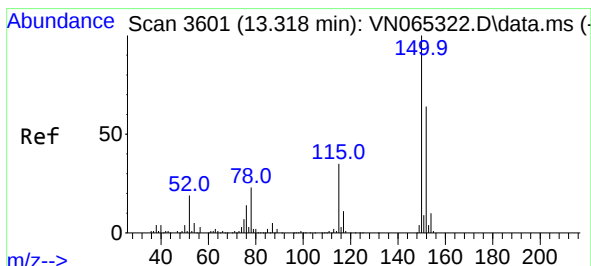
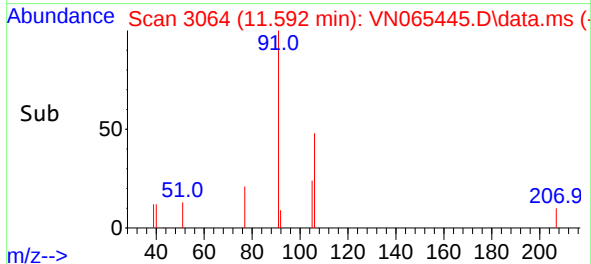
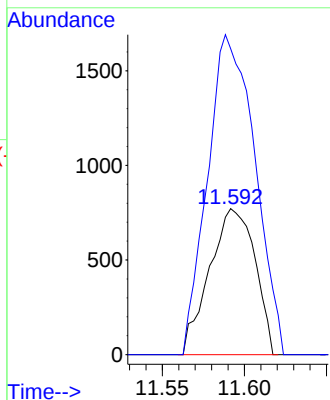
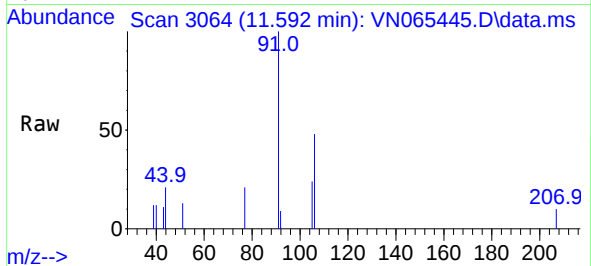




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

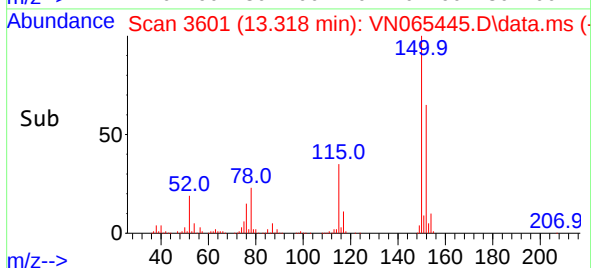
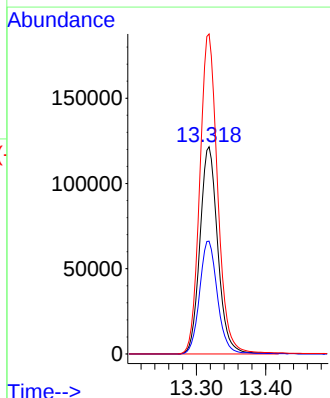
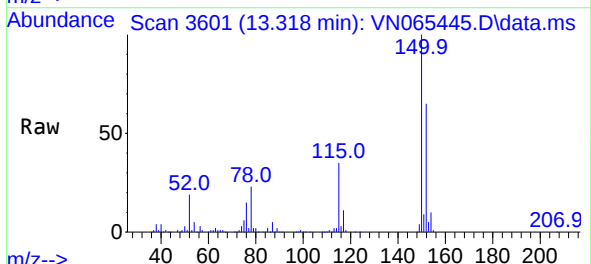
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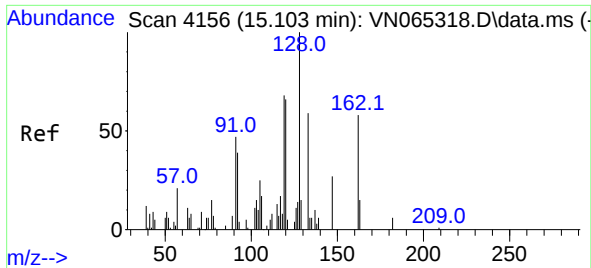
Tgt Ion:106 Resp: 1485
Ion Ratio Lower Upper
106 100
91 228.2 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Tgt Ion:152 Resp: 217140
Ion Ratio Lower Upper
152 100
115 54.8 29.7 89.1
150 154.8 0.0 350.6





#95
Naphthalene
Concen: 6.85 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065445.D
Acq: 8 Jan 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
16790DL

Tgt Ion:128 Resp: 41919
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 10.8 8.7 13.1

