

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065754.D
 Acq On : 8 Feb 2021 14:46
 Operator : JC/MD
 Sample : M1318-03 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31408-31410

Quant Time: Feb 09 00:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

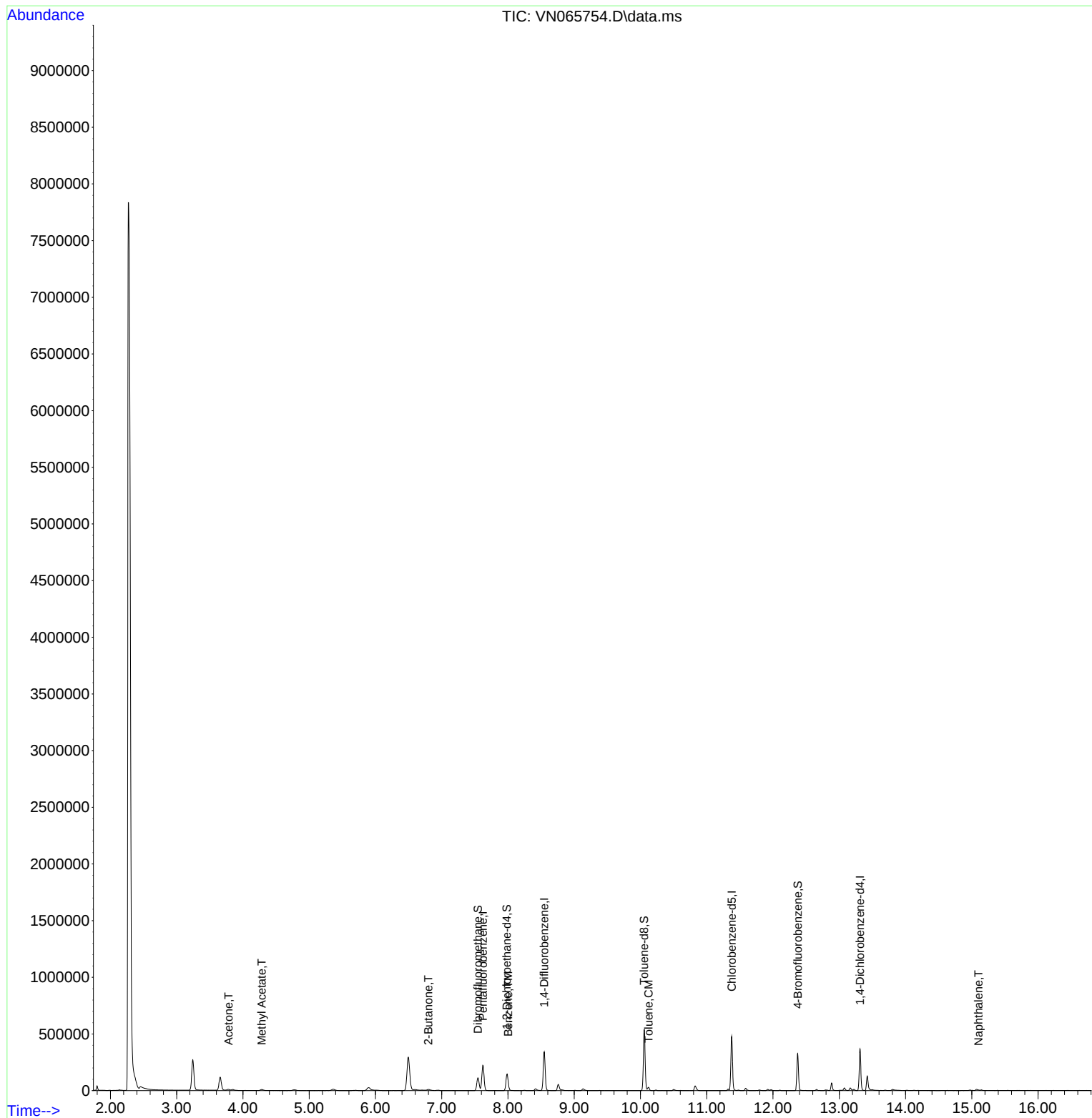
Internal Standards						
1) Pentafluorobenzene	7.621	168	190972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	320550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	105600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	111334	44.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.62%
35) Dibromofluoromethane	7.547	113	92931	48.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.84%
50) Toluene-d8	10.055	98	399105	53.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.90%
62) 4-Bromofluorobenzene	12.373	95	128769	47.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.78%
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	12254	12.53	ug/l	94
18) Methyl Acetate	4.283	43	17951	6.55	ug/l	98
25) 2-Butanone	6.798	43	10535	6.87	ug/l	98
40) Benzene	8.004	78	14229	1.44	ug/l	98
52) Toluene	10.122	92	12403	2.13	ug/l	99
95) Naphthalene	15.100	128	4709	4.09	ug/l #	93

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

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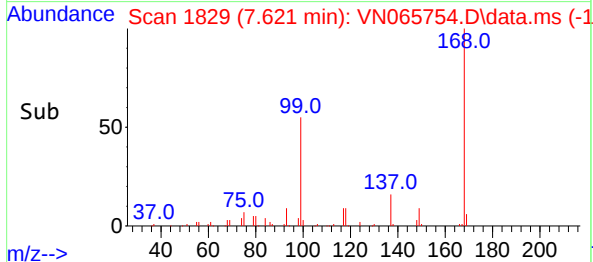
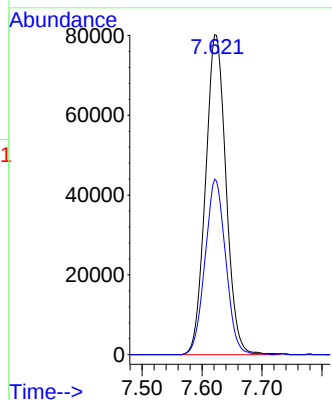
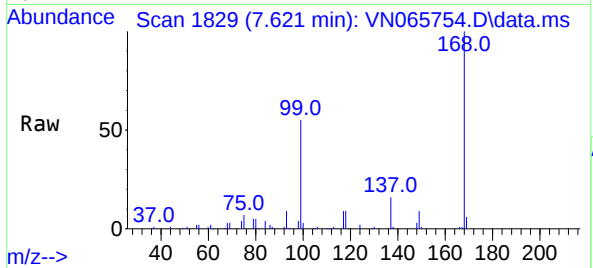




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

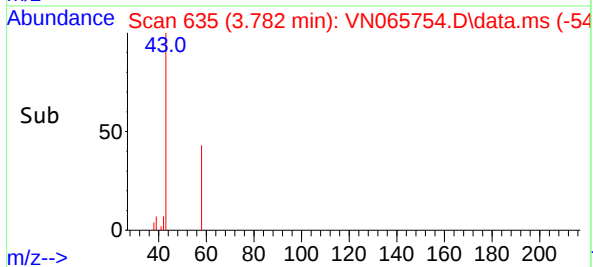
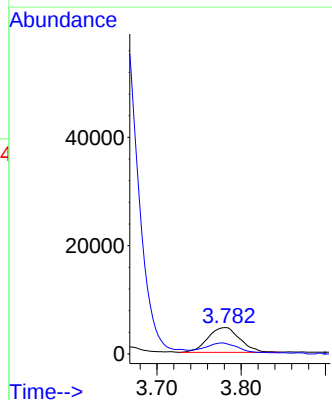
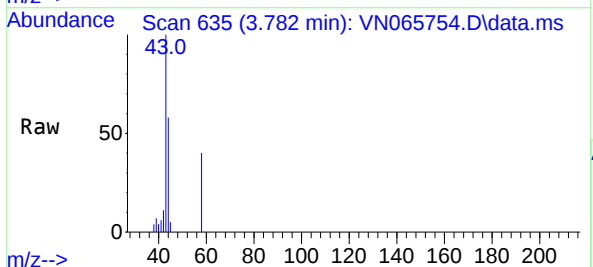
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

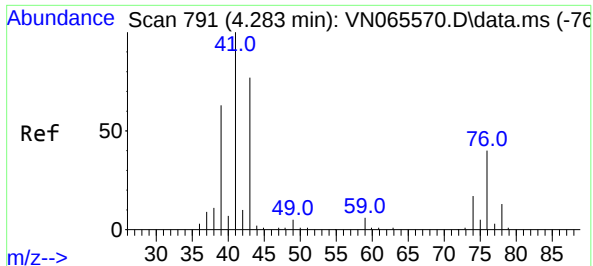
Tgt Ion:168 Resp: 190972
Ion Ratio Lower Upper
168 100
99 54.8 42.6 63.8



#16
Acetone
Concen: 12.53 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 43 Resp: 12254
Ion Ratio Lower Upper
43 100
58 37.5 27.0 40.6

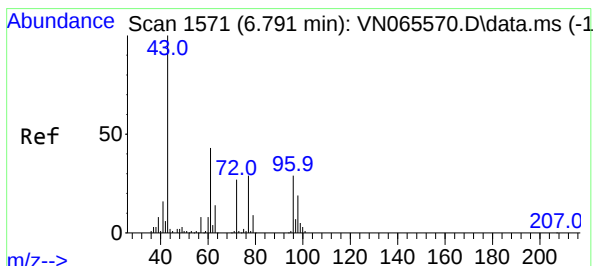
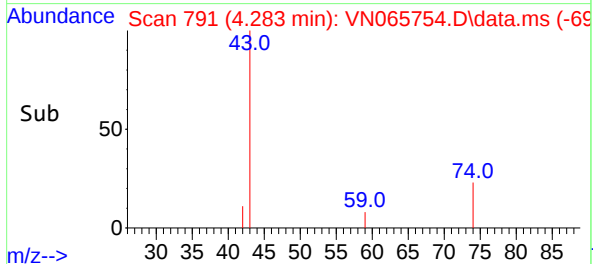
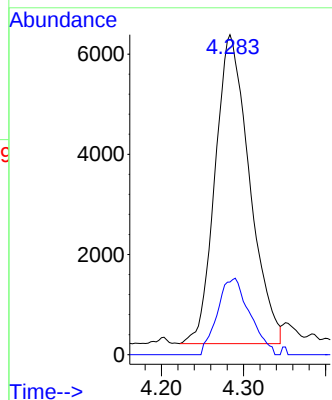
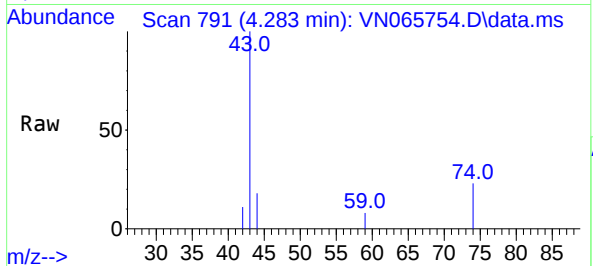




#18
Methyl Acetate
Concen: 6.55 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

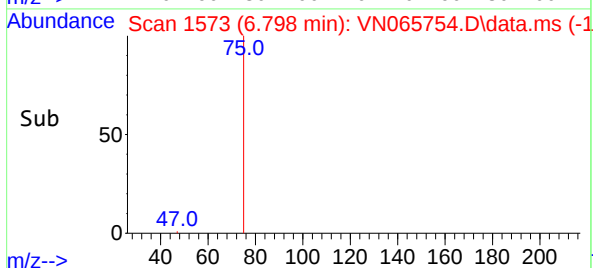
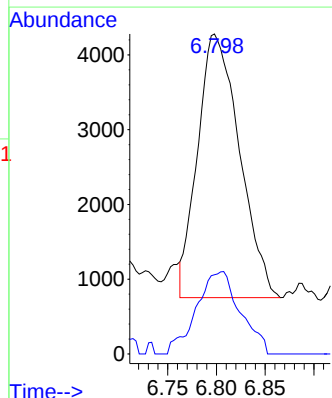
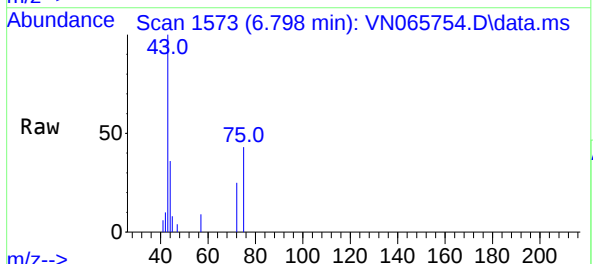
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

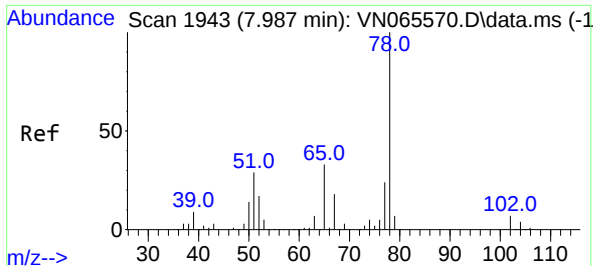
Tgt Ion: 43 Resp: 17951
Ion Ratio Lower Upper
43 100
74 23.2 19.5 29.3



#25
2-Butanone
Concen: 6.87 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. 0.007 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 43 Resp: 10535
Ion Ratio Lower Upper
43 100
72 30.0 23.1 34.7



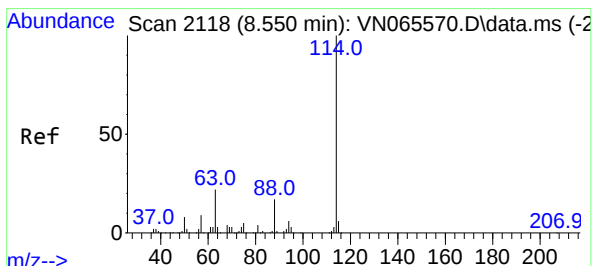
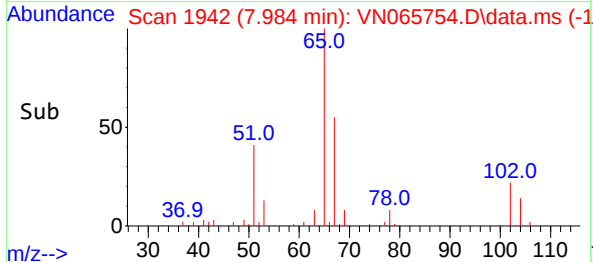
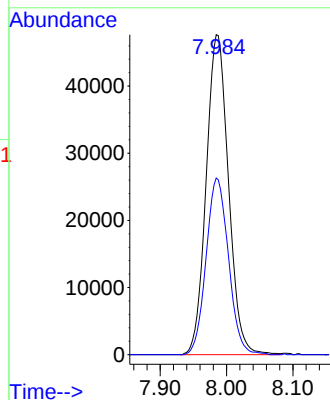
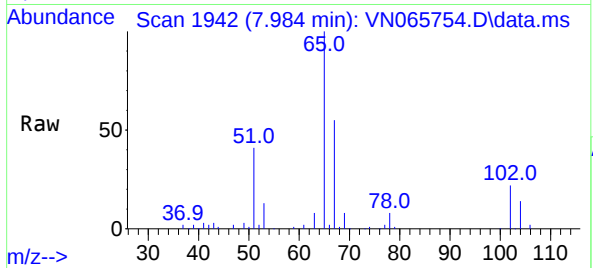


#33

1,2-Dichloroethane-d4
Concen: 44.31 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Instrument :
MSVOA_N
ClientSampleId :
31408-31410

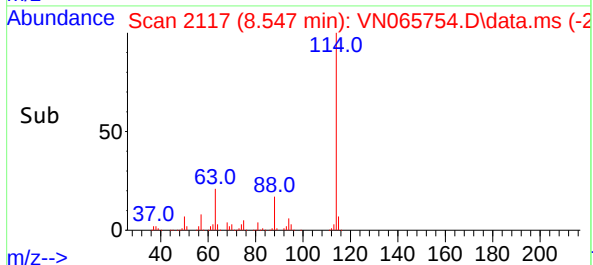
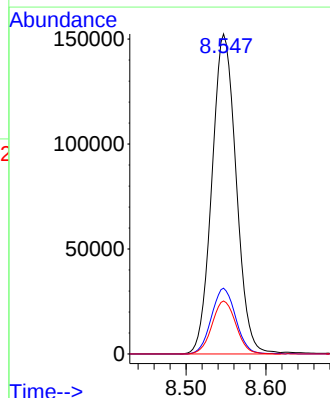
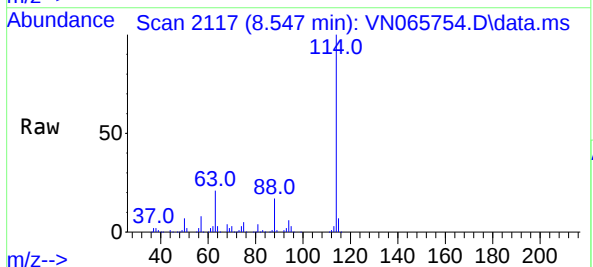
Tgt Ion: 65 Resp: 111334
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2

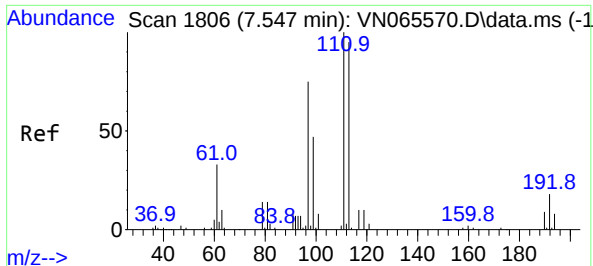


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 114 Resp: 320550
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.6 0.0 30.6

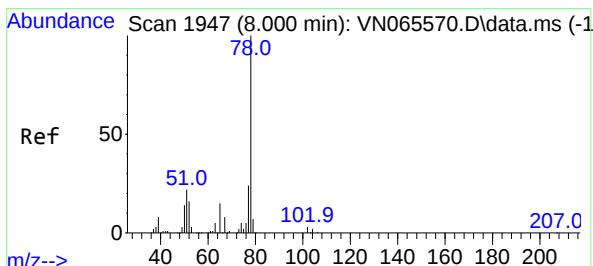
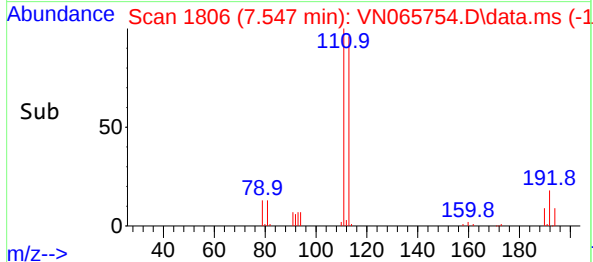
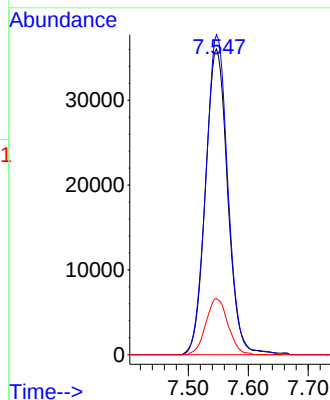
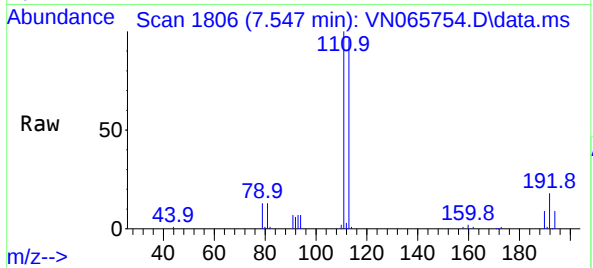




#35
Dibromofluoromethane
Concen: 48.92 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

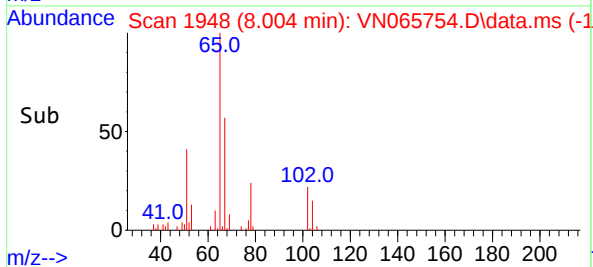
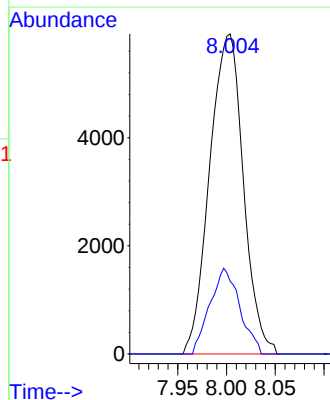
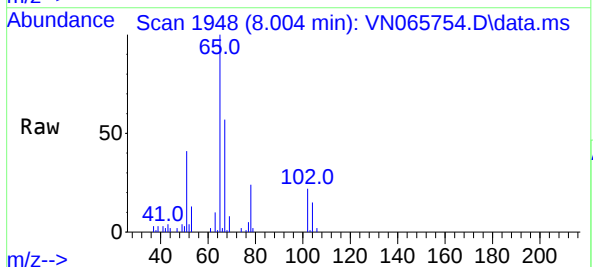
Instrument :
MSVOA_N
ClientSampleId :
31408-31410

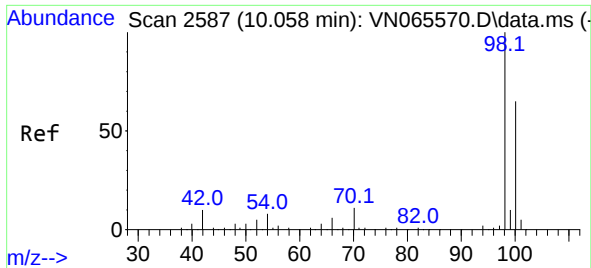
Tgt Ion:113 Resp: 92931
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.3 15.4 23.0



#40
Benzene
Concen: 1.44 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.004 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 78 Resp: 14229
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

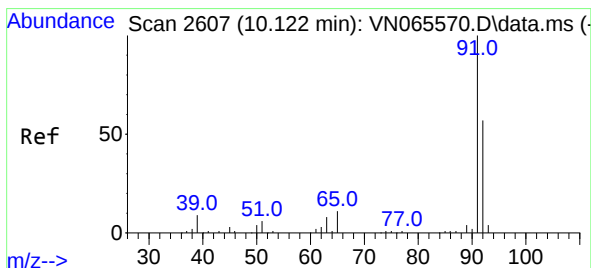
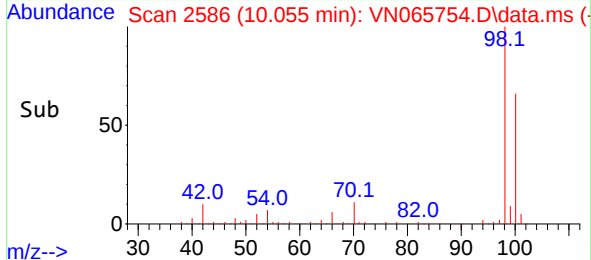
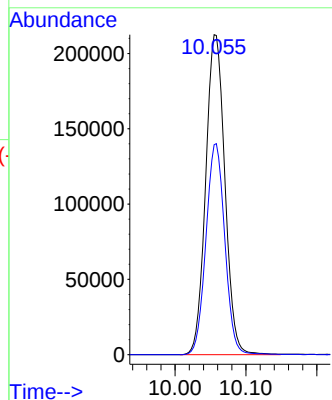
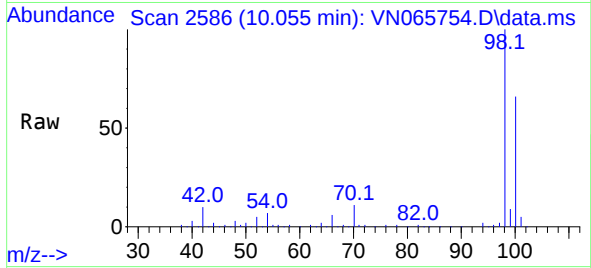




#50
Toluene-d8
Concen: 53.45 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

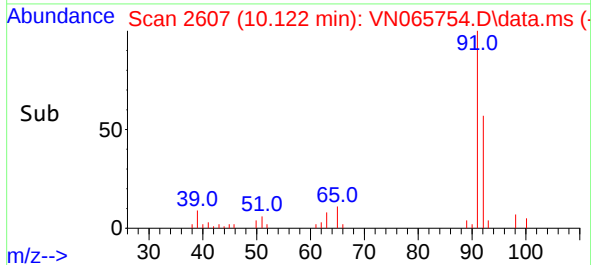
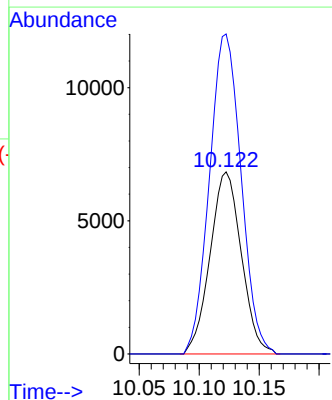
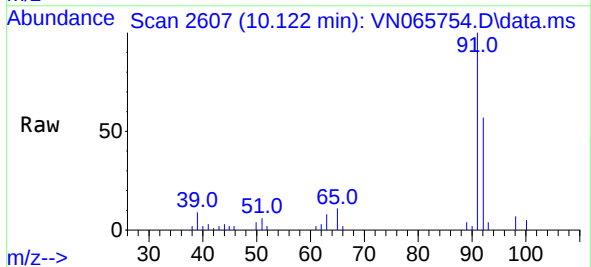
Instrument :
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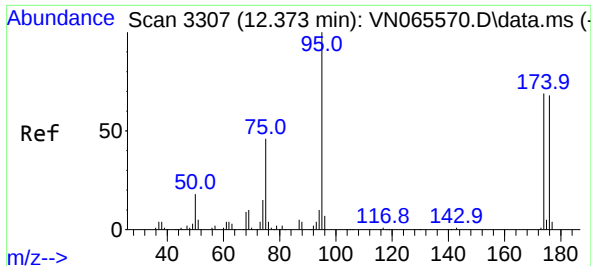
Tgt Ion: 98 Resp: 399105
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#52
Toluene
Concen: 2.13 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 92 Resp: 12403
Ion Ratio Lower Upper
92 100
91 177.3 140.7 211.1

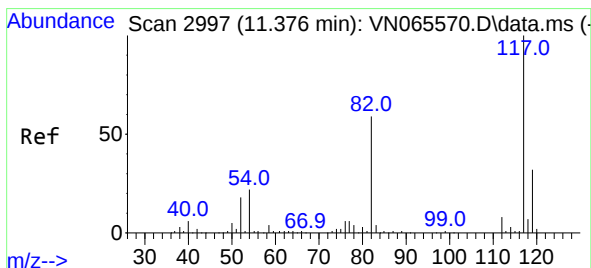
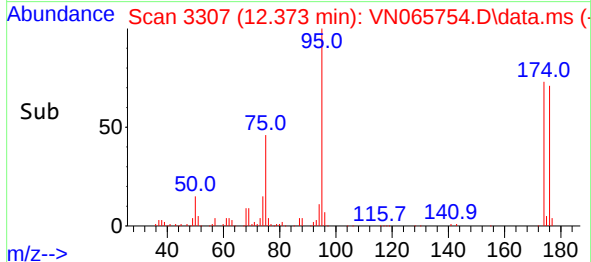
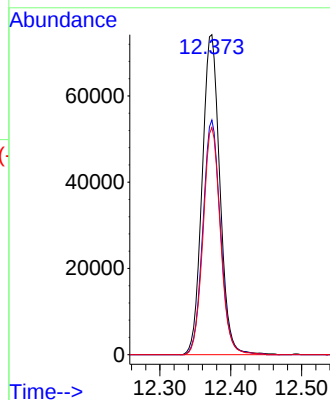
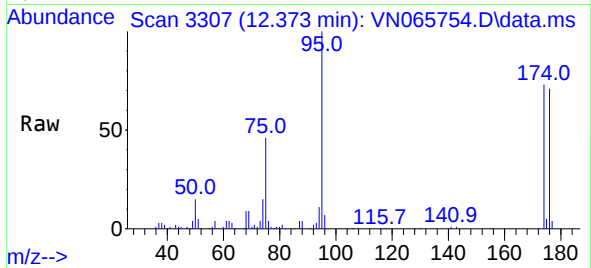




#62
4-Bromofluorobenzene
Concen: 47.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

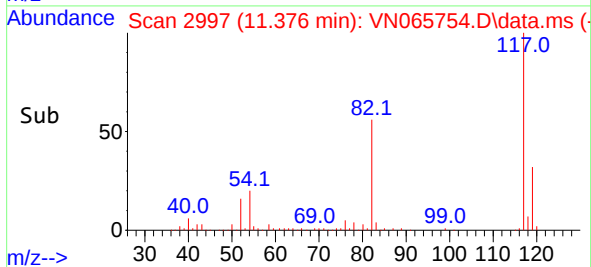
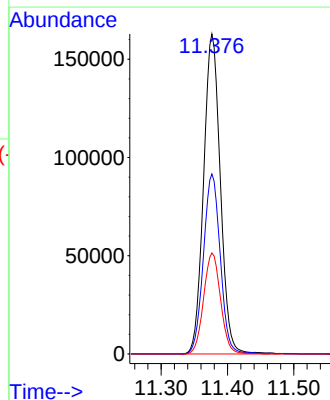
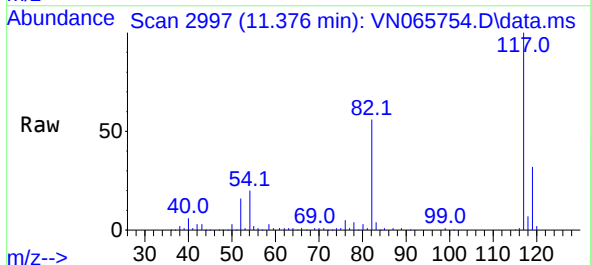
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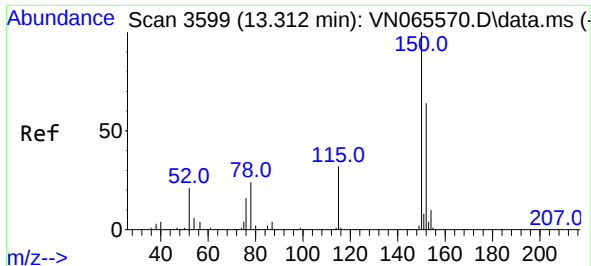
Tgt Ion: 95 Resp: 128769
Ion Ratio Lower Upper
95 100
174 72.7 0.0 169.0
176 69.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion: 117 Resp: 286117
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 31.6 26.1 39.1

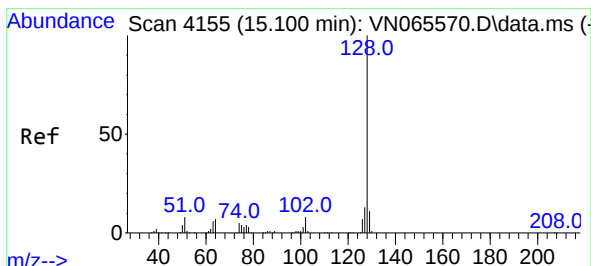
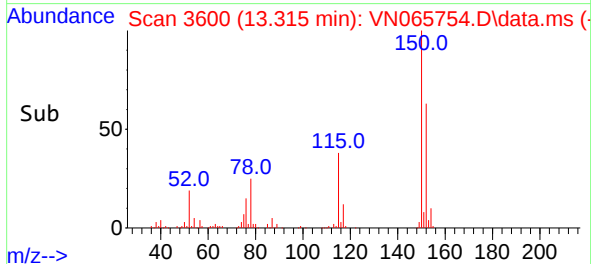
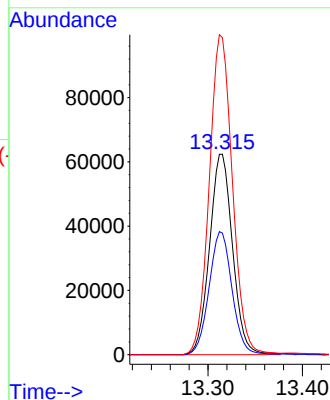
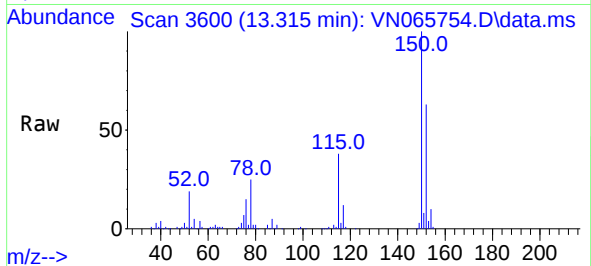




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Instrument :
MSVOA_N
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Tgt Ion:152 Resp: 105600
Ion Ratio Lower Upper
152 100
115 61.0 28.5 85.6
150 160.1 0.0 347.6



#95
Naphthalene
Concen: 4.09 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065754.D
Acq: 8 Feb 2021 14:46

Tgt Ion:128 Resp: 4709
Ion Ratio Lower Upper
128 100
127 9.6 10.2 15.2#
129 8.4 8.6 13.0#

