

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065355.D
 Acq On : 31 Dec 2020 19:13
 Operator : JC/MD
 Sample : L5241-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JG-OWS-7

Quant Time: Jan 01 01:53:26 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)

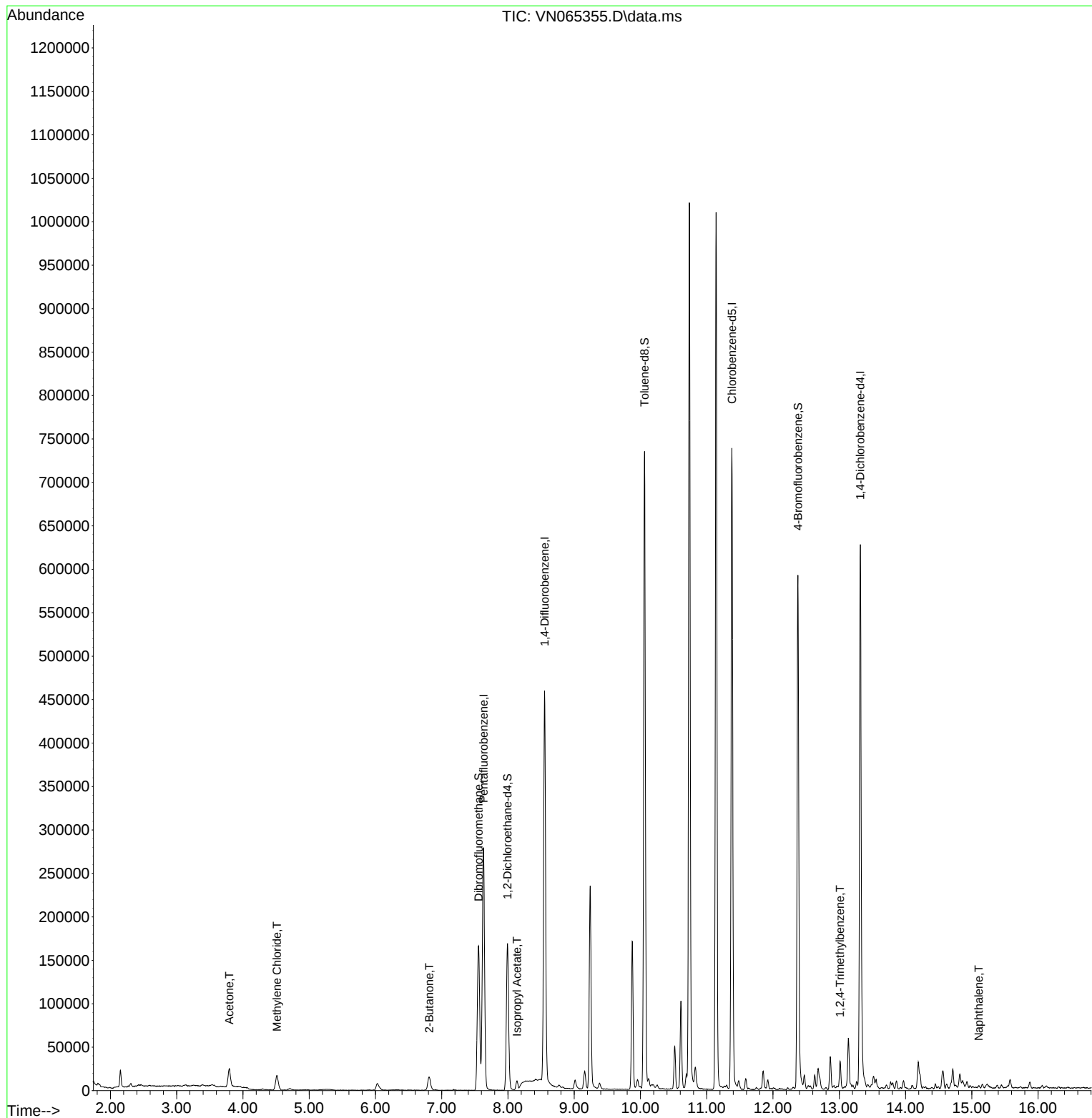
Internal Standards						
1) Pentafluorobenzene	7.631	168	253583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	427652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	457443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	189371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	146493	51.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.34%	
35) Dibromofluoromethane	7.557	113	130267	50.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.98%	
50) Toluene-d8	10.061	98	530276	54.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.68%	
62) 4-Bromofluorobenzene	12.376	95	207301	53.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.795	43	34206	18.51	ug/l	96
20) Methylene Chloride	4.515	84	13117	4.70	ug/l	95
25) 2-Butanone	6.814	43	10064	6.26	ug/l	98
43) Isopropyl Acetate	8.135	43	12819	1.93	ug/l #	93
84) 1,2,4-Trimethylbenzene	13.013	105	18608	1.55	ug/l	99
95) Naphthalene	15.106	128	3419	3.70	ug/l #	90

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

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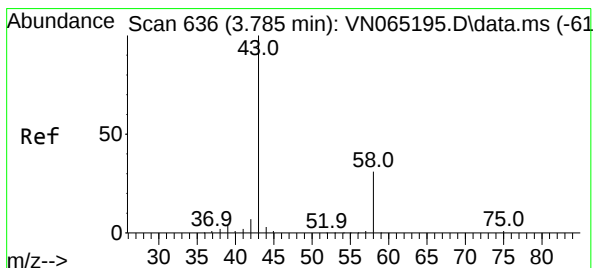
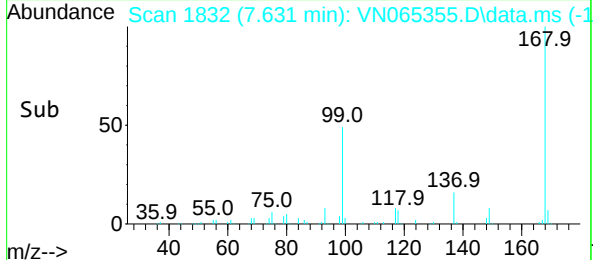
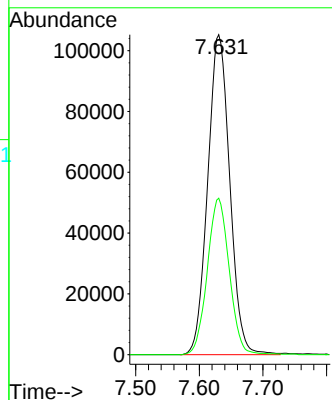
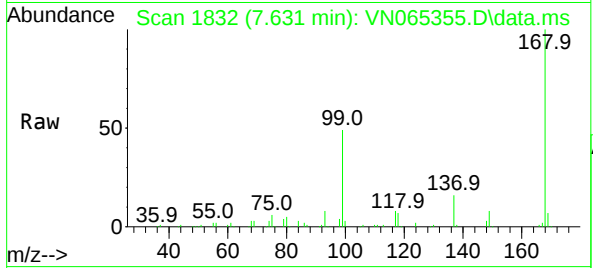




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

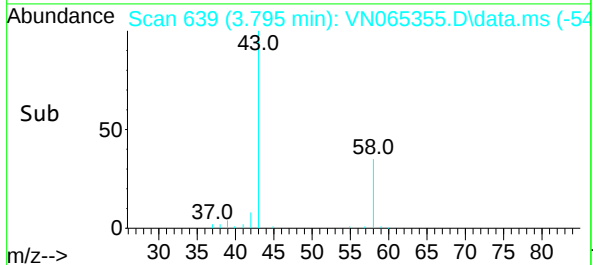
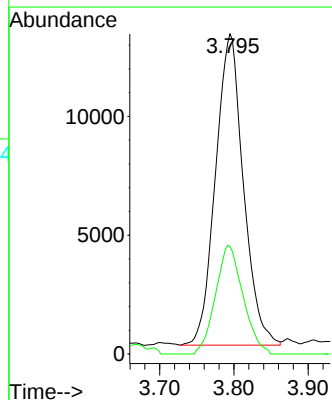
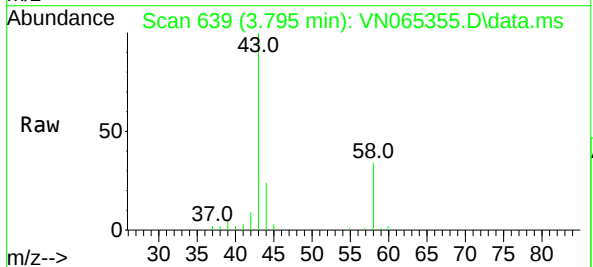
Instrument :
MSVOA_N
ClientSampleId :
JG-OWS-7

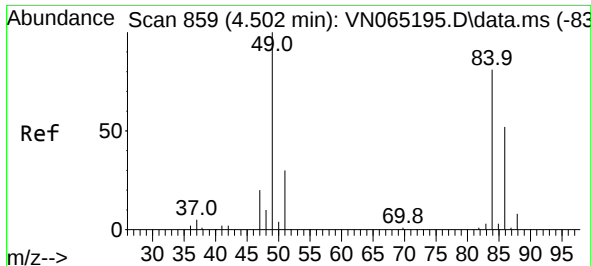
Tgt Ion:168 Resp: 253583
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.4



#16
Acetone
Concen: 18.51 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

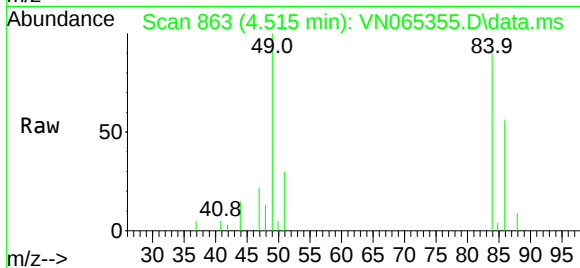
Tgt Ion: 43 Resp: 34206
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5



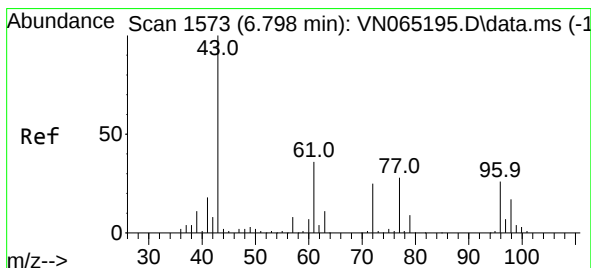
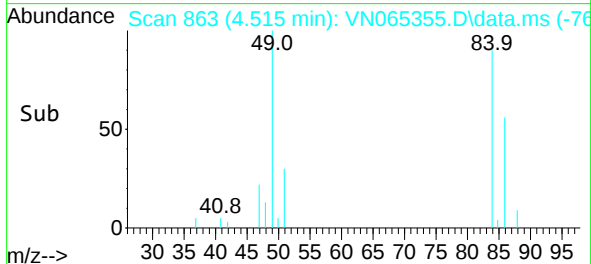
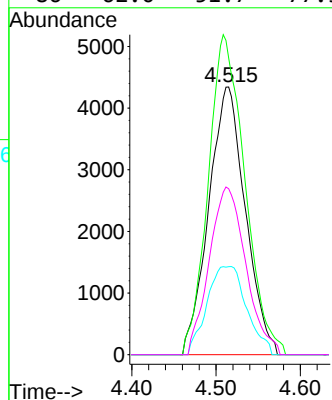


#20
Methylene Chloride
Concen: 4.70 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Instrument :
MSVOA_N
ClientSampleId :
JG-OWS-7

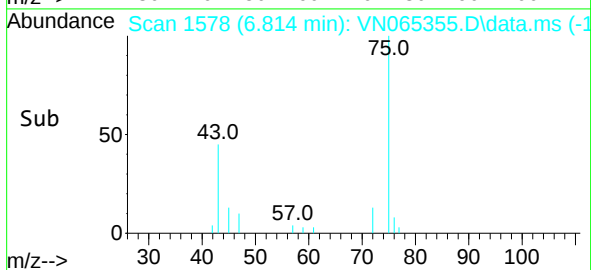
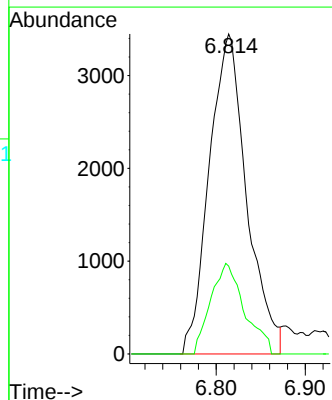
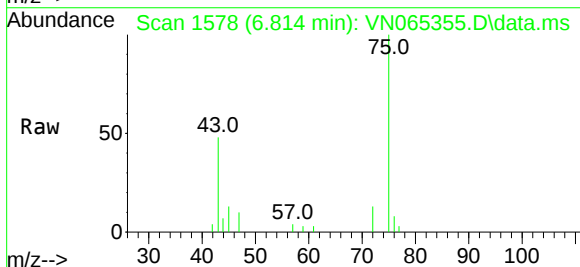


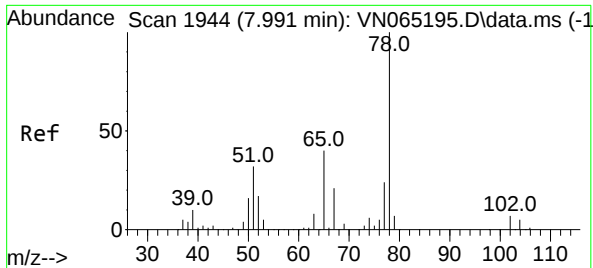
Tgt Ion:	84	Resp:	13117
Ion	Ratio	Lower	Upper
84	100		
49	110.9	93.4	140.0
51	32.9	28.2	42.4
86	62.0	51.7	77.5



#25
2-Butanone
Concen: 6.26 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Tgt Ion:	43	Resp:	10064
Ion	Ratio	Lower	Upper
43	100		
72	27.5	21.0	31.6

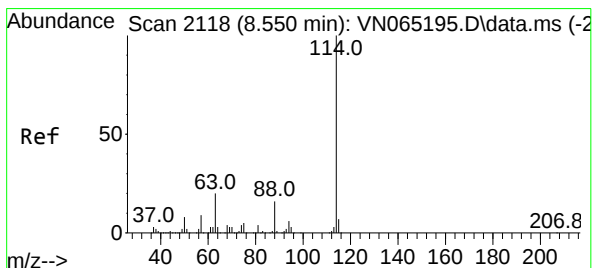
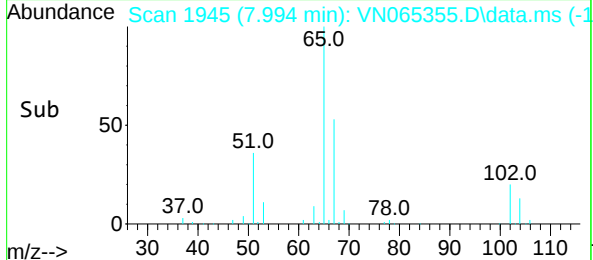
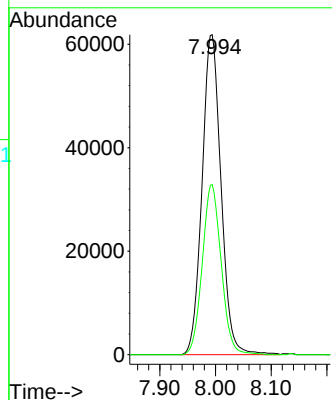
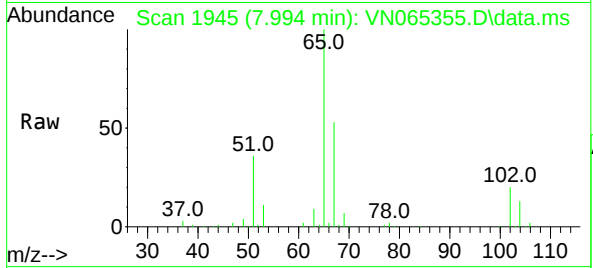




#33
1,2-Dichloroethane-d4
Concen: 51.17 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

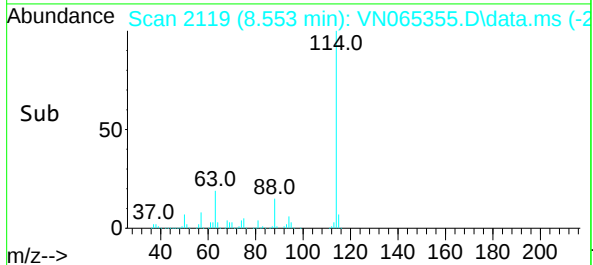
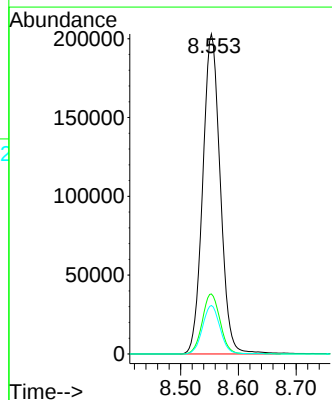
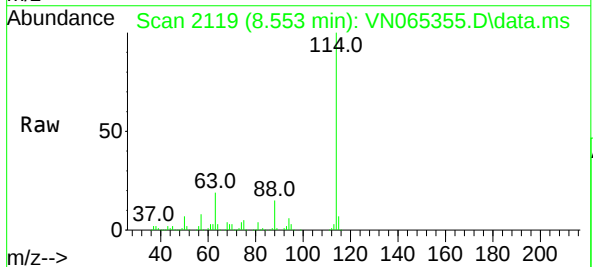
Instrument :
MSVOA_N
ClientSampleId :
JG-OWS-7

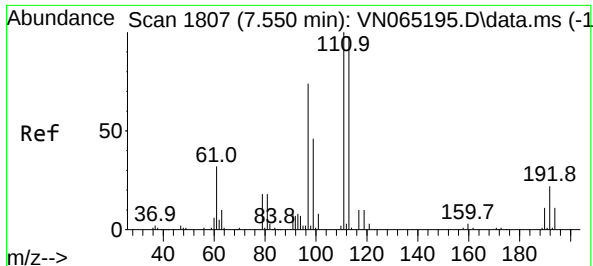
Tgt Ion: 65 Resp: 146493
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Tgt Ion: 114 Resp: 427652
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.2 0.0 32.6

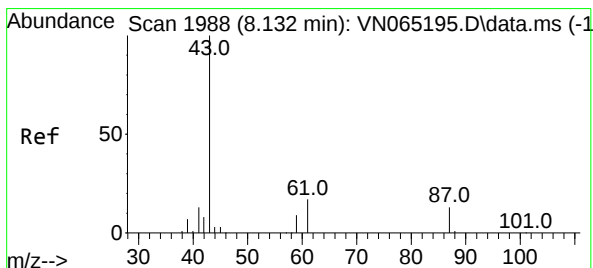
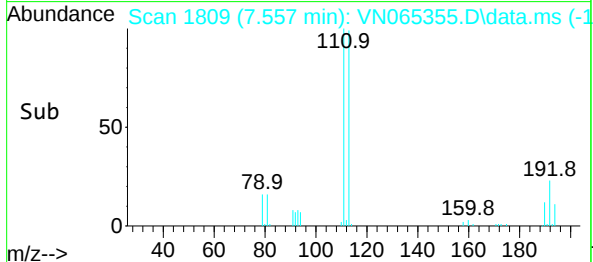
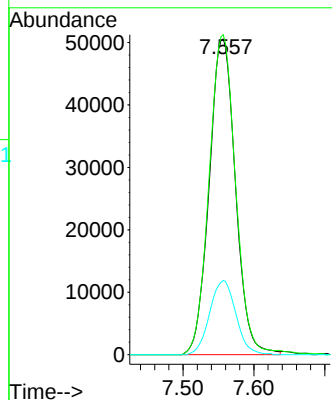
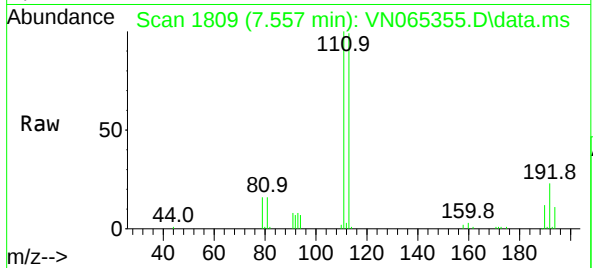




#35
Dibromofluoromethane
Concen: 50.49 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

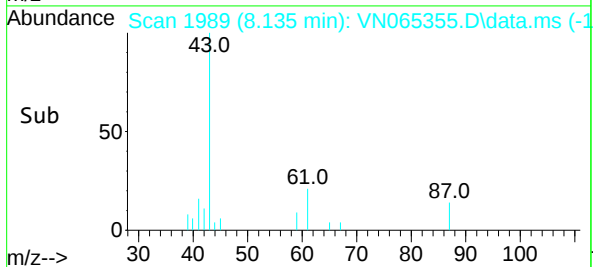
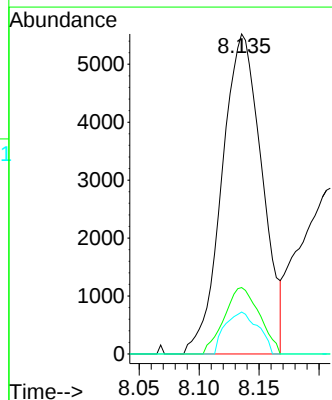
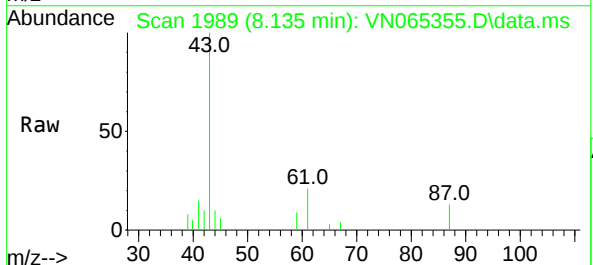
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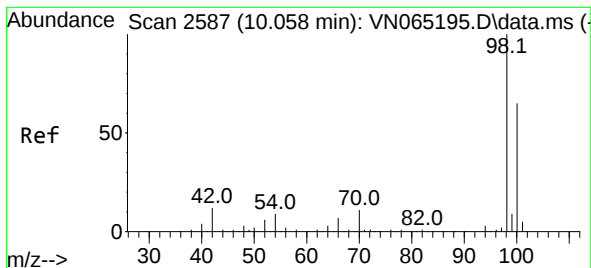
Tgt Ion:113 Resp: 130267
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 23.4 16.2 24.2



#43
Isopropyl Acetate
Concen: 1.93 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Tgt Ion: 43 Resp: 12819
Ion Ratio Lower Upper
43 100
61 18.3 17.2 25.8
87 10.8 11.4 17.0#

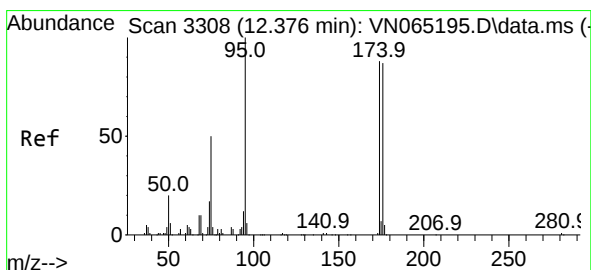
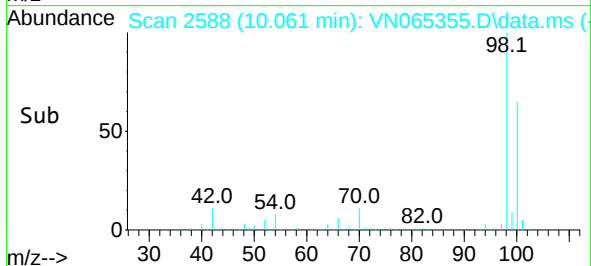
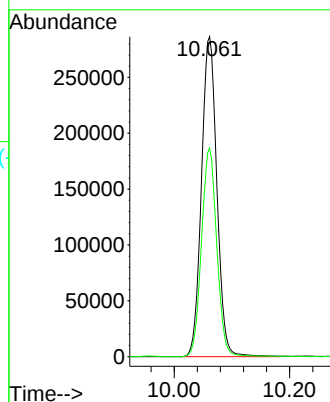
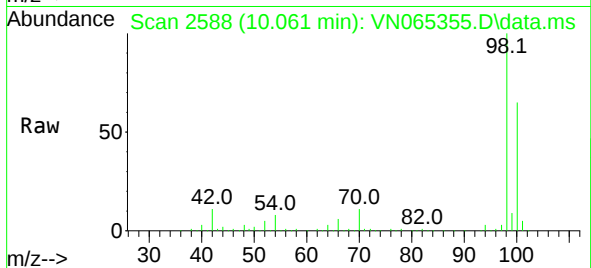




#50
Toluene-d8
Concen: 54.84 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

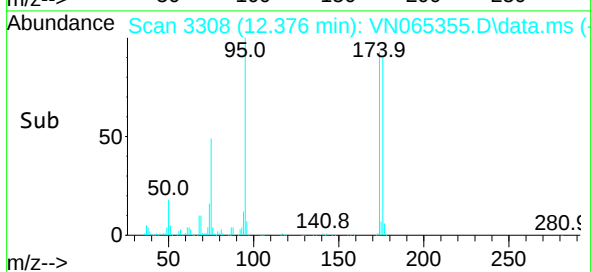
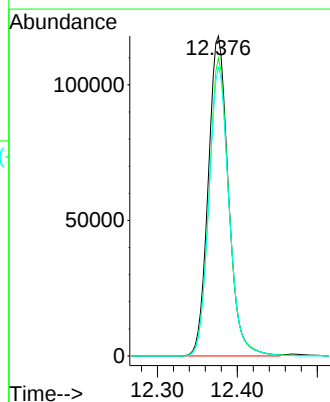
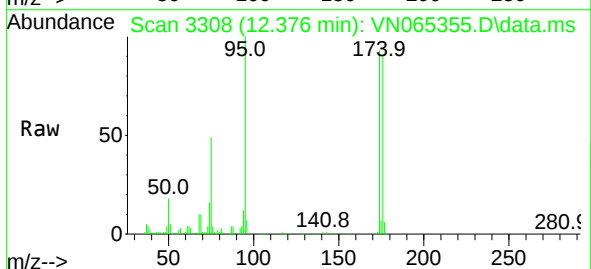
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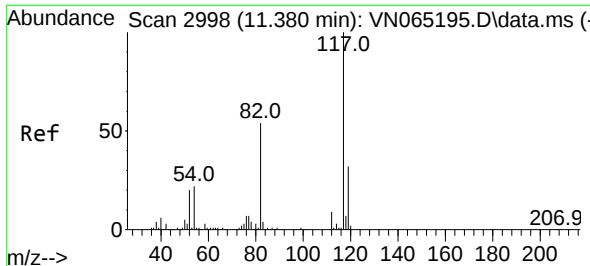
Tgt Ion: 98 Resp: 530276
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.78 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Tgt Ion: 95 Resp: 207301
Ion Ratio Lower Upper
95 100
174 92.2 0.0 160.4
176 90.2 0.0 158.4

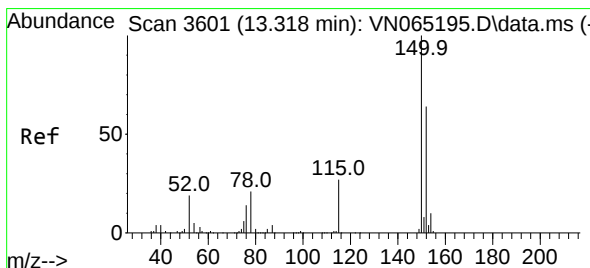
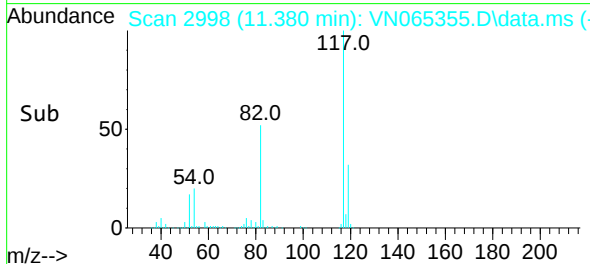
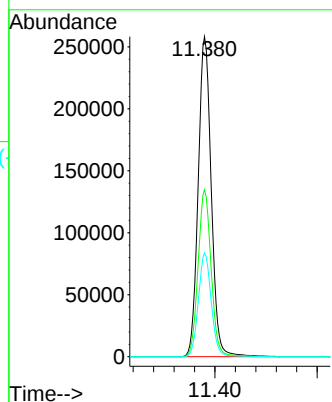
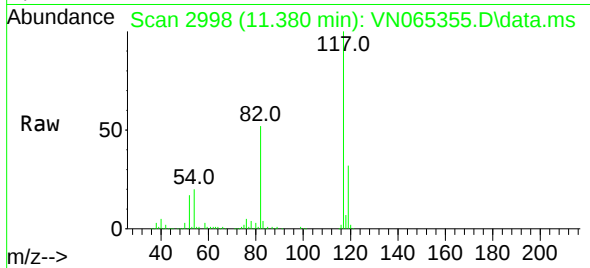




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

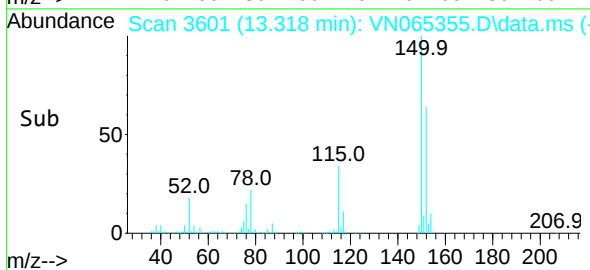
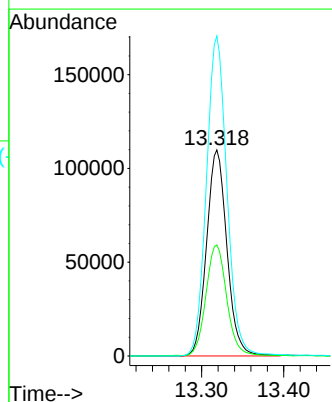
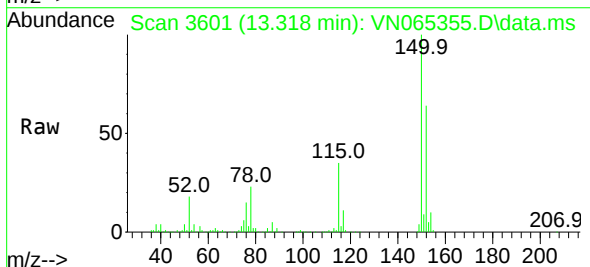
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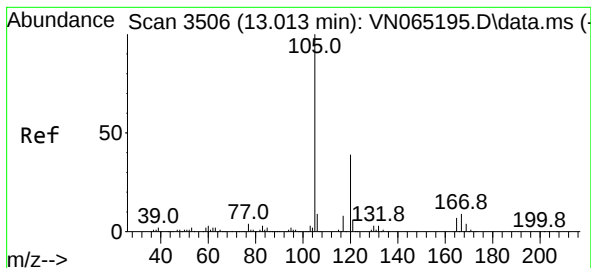
Tgt Ion:117 Resp: 457443
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065355.D
Acq: 31 Dec 2020 19:13

Tgt Ion:152 Resp: 189371
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 156.7 0.0 350.6





#84

1,2,4-Trimethylbenzene

Concen: 1.55 ug/l

RT: 13.013 min Scan# 3506

Delta R.T. 0.000 min

Lab File: VN065355.D

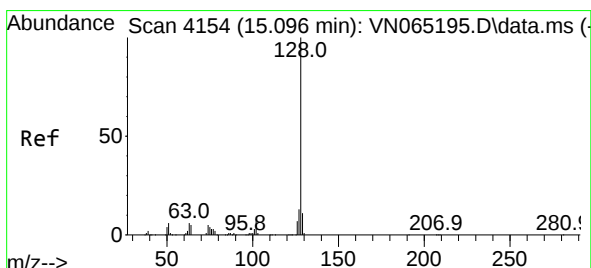
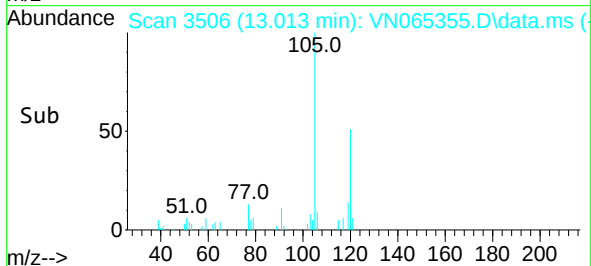
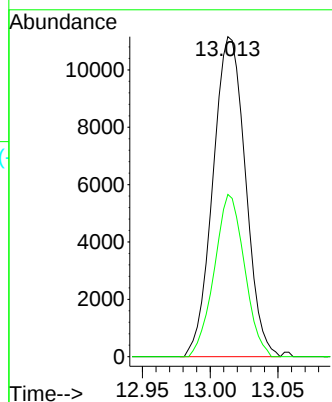
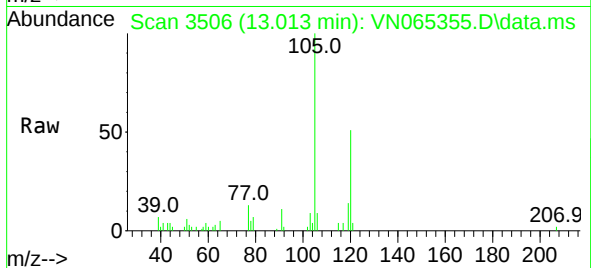
Acq: 31 Dec 2020 19:13

Tgt Ion:105 Resp: 18608

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2



#95

Naphthalene

Concen: 3.70 ug/l

RT: 15.106 min Scan# 4157

Delta R.T. 0.010 min

Lab File: VN065355.D

Acq: 31 Dec 2020 19:13

Tgt Ion:128 Resp: 3419

Ion Ratio Lower Upper

128 100

127 8.1 10.3 15.5#

129 7.7 8.7 13.1#

