

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065356.D
 Acq On : 31 Dec 2020 19:38
 Operator : JC/MD
 Sample : L5241-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JG-ENGINE-WASH

Manual Integrations
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 1/4/2021 9:29:53 AM

Quant Time: Jan 01 01:53:44 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	252802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	425913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	448011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.319	152	192856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	145039	50.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.64%			
35) Dibromofluoromethane	7.557	113	129436	50.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.74%			
50) Toluene-d8	10.061	98	524933	54.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.02%			
62) 4-Bromofluorobenzene	12.376	95	204941	53.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.84%			
Target Compounds						Qvalue
16) Acetone	3.792	43	69085	49.04	ug/l	94
18) Methyl Acetate	4.300	43	3751m	1.46	ug/l	
20) Methylene Chloride	4.509	84	14012	5.03	ug/l	97
25) 2-Butanone	6.811	43	15381	9.60	ug/l	100
51) 4-Methyl-2-Pentanone	9.955	43	23033	6.19	ug/l	98

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

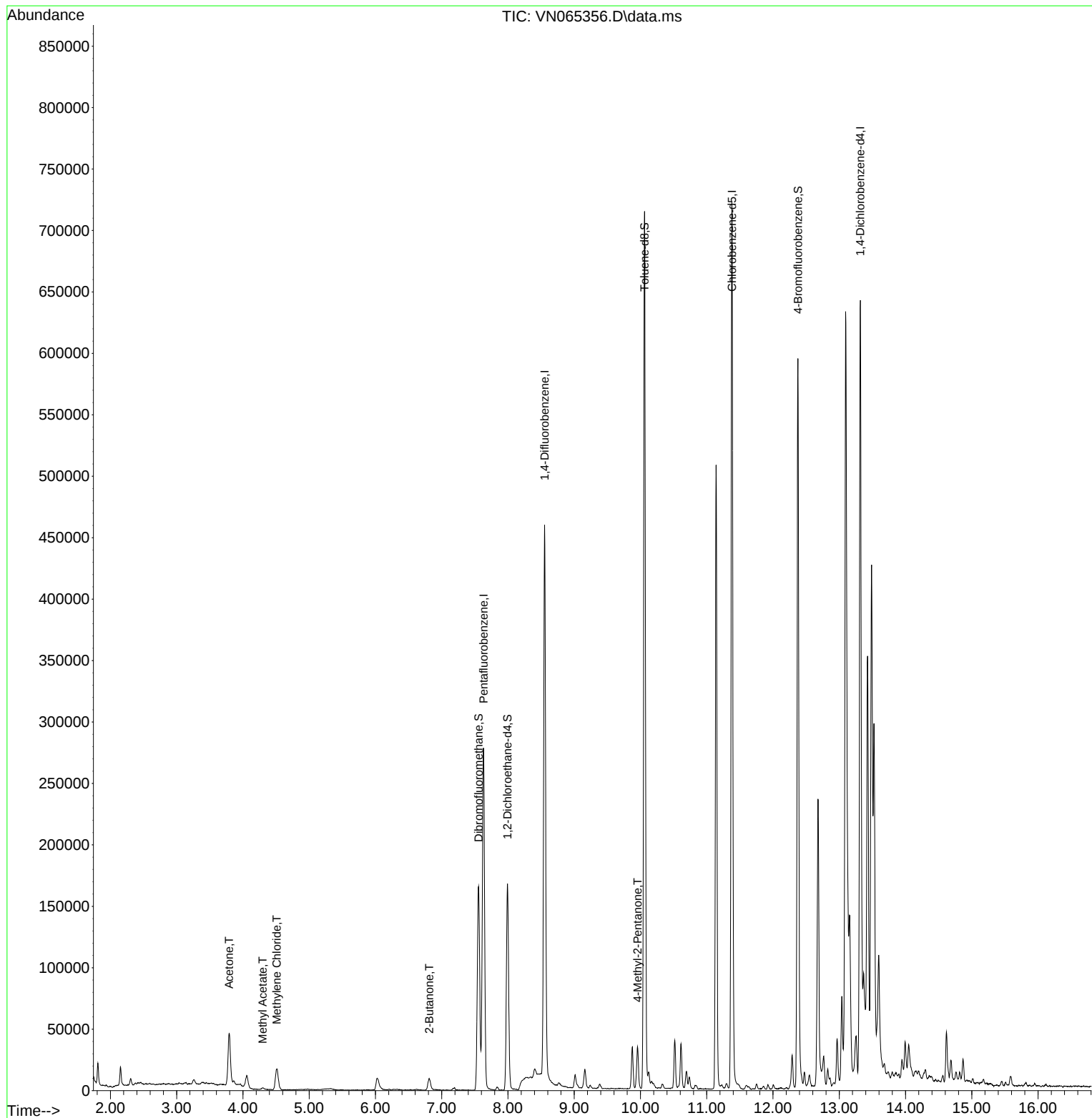
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Data File : VN065356.D
Acq On : 31 Dec 2020 19:38
Operator : JC/MD
Sample : L5241-06
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ALS Vial : 23 Sample Multiplier: 1

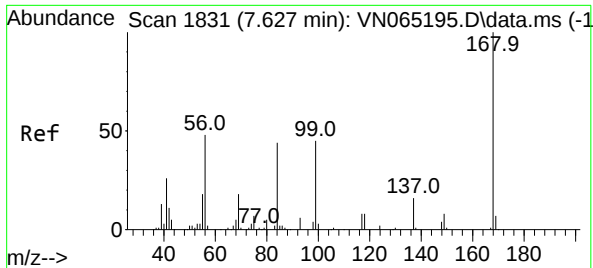
Instrument :
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ClientSampleId :
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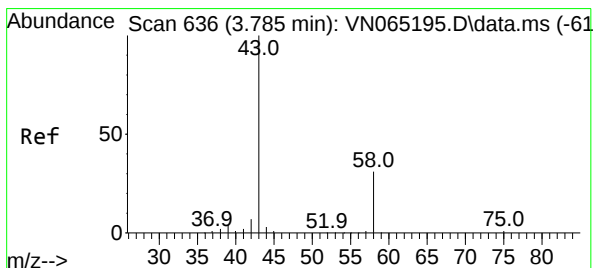
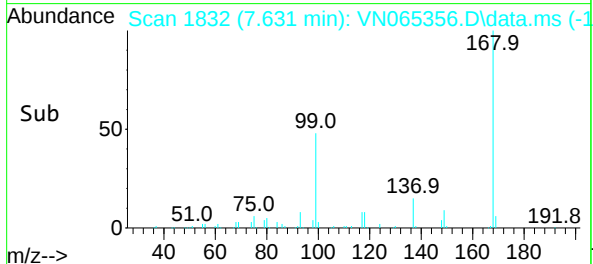
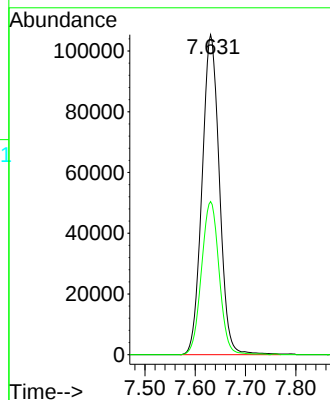
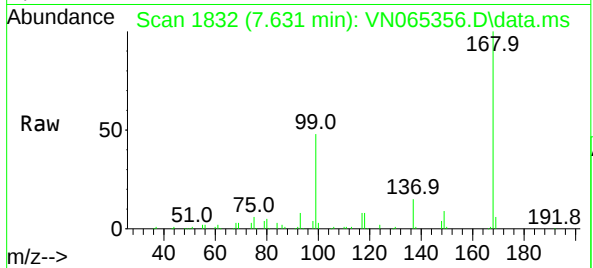
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:168 Resp: 252802
Ion Ratio Lower Upper
168 100
99 47.8 43.0 64.4

Instrument :
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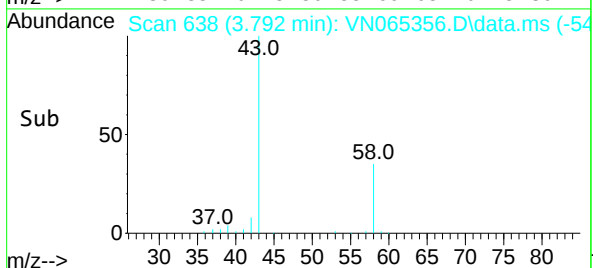
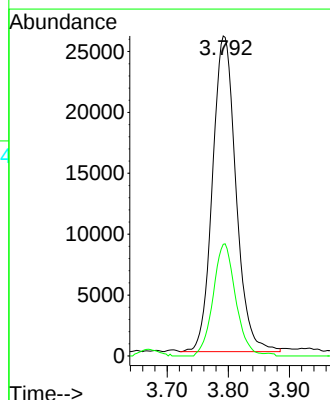
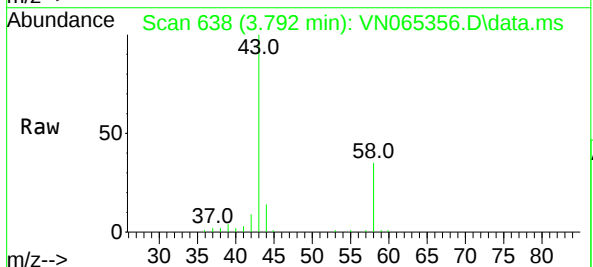
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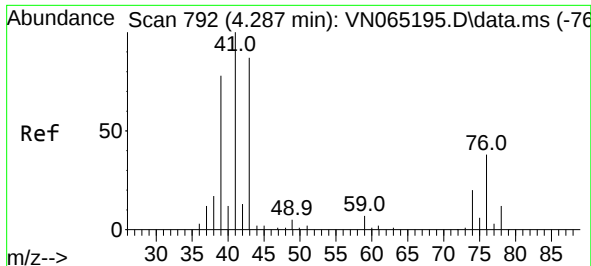
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#16
Acetone
Concen: 49.04 ug/l
RT: 3.792 min Scan# 638
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 69085
Ion Ratio Lower Upper
43 100
58 35.4 25.7 38.5





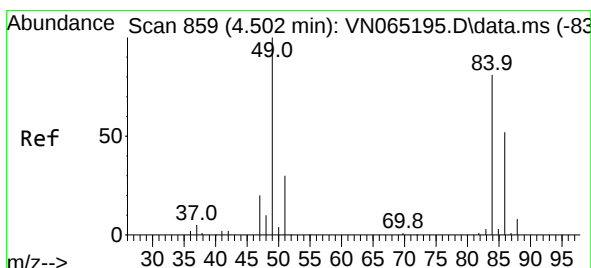
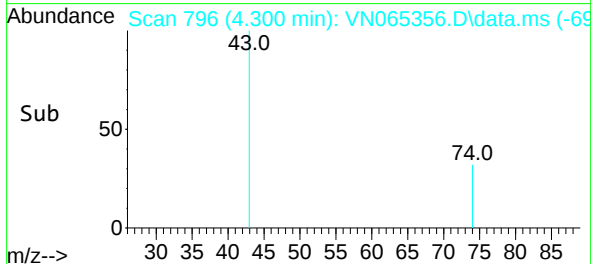
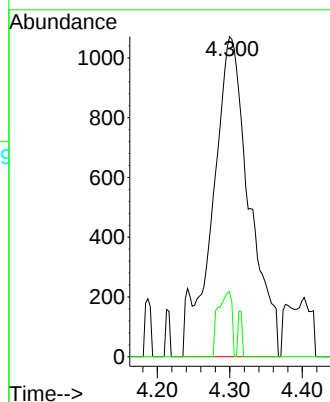
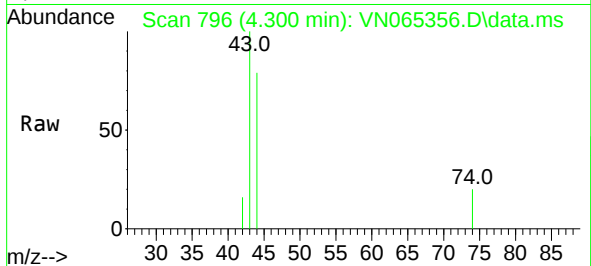
#18
Methyl Acetate
Concen: 1.46 ug/l m
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 3751
Ion Ratio Lower Upper
43 100
74 7.6 20.2 30.2#

Instrument :
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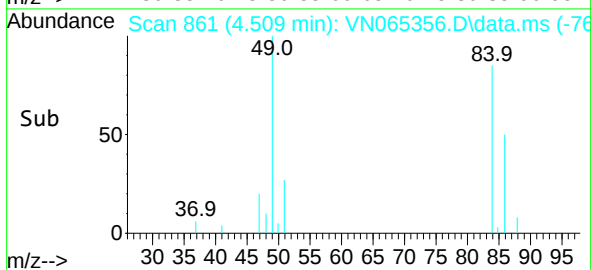
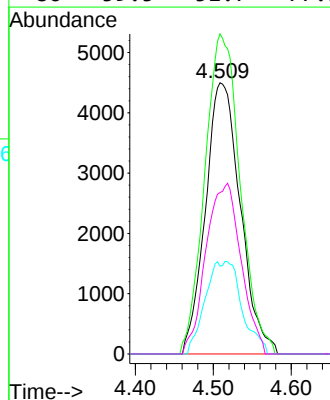
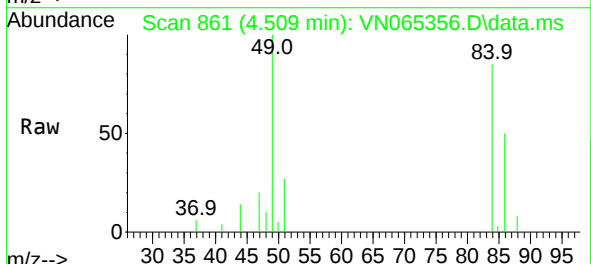
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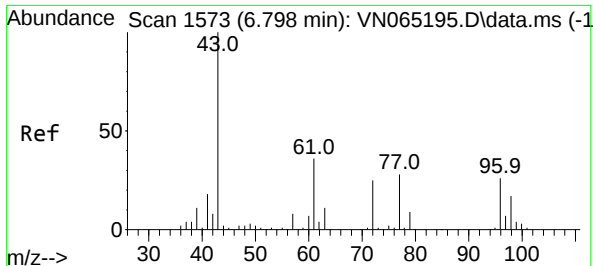
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#20
Methylene Chloride
Concen: 5.03 ug/l
RT: 4.509 min Scan# 861
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 84 Resp: 14012
Ion Ratio Lower Upper
84 100
49 118.0 93.4 140.0
51 32.4 28.2 42.4
86 59.5 51.7 77.5





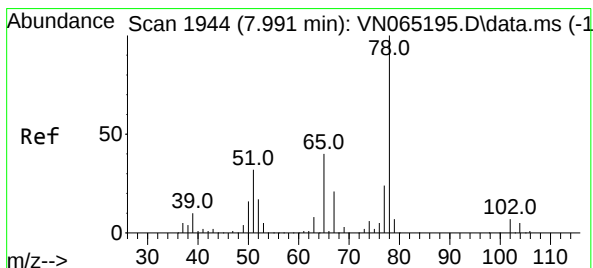
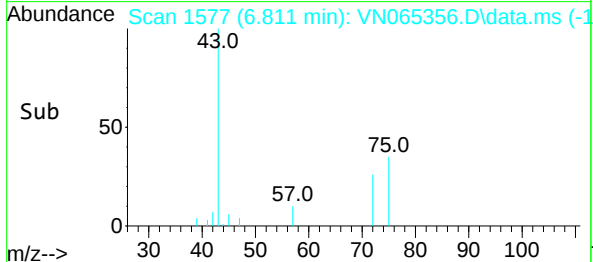
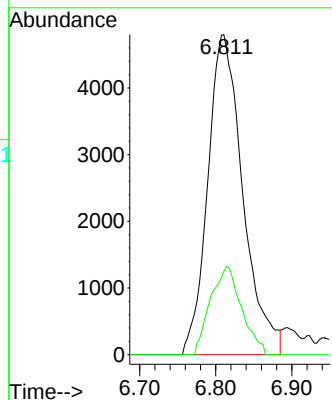
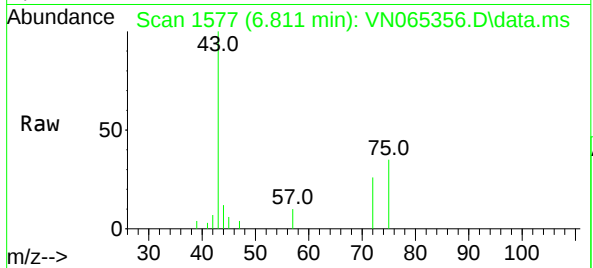
#25
2-Butanone
Concen: 9.60 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 15381
Ion Ratio Lower Upper
43 100
72 26.0 21.0 31.6

Instrument :
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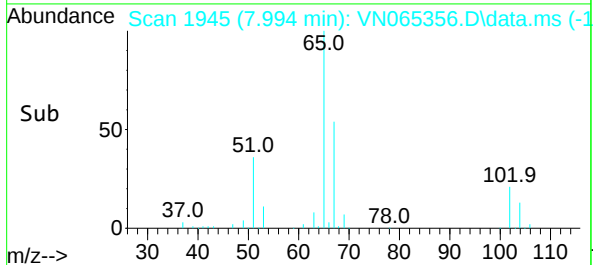
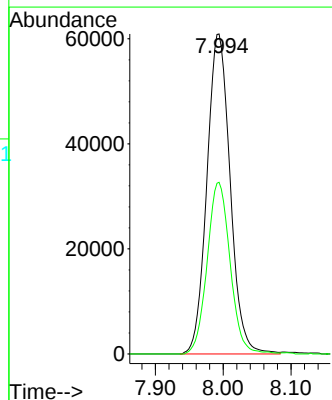
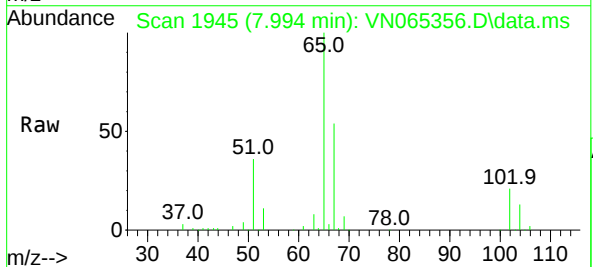
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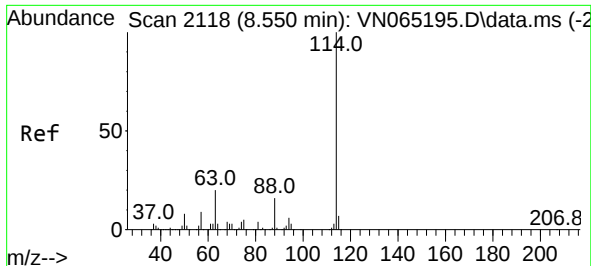
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#33
1,2-Dichloroethane-d4
Concen: 50.82 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

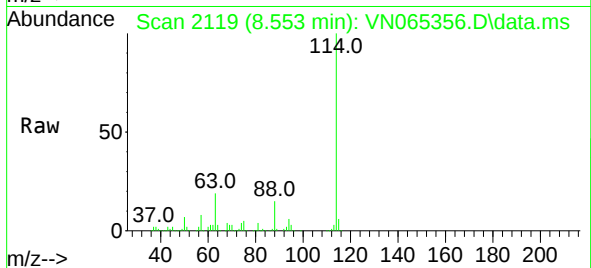
Tgt Ion: 65 Resp: 145039
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

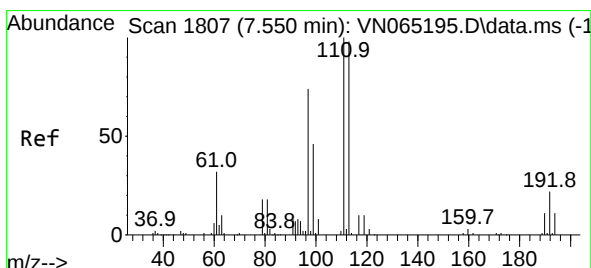
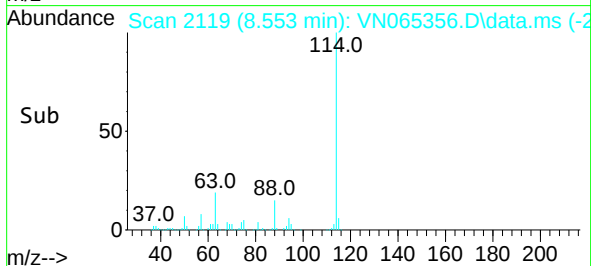
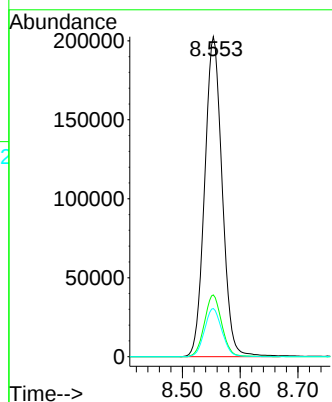
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Tgt Ion:114 Resp: 425913
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.1 0.0 32.6

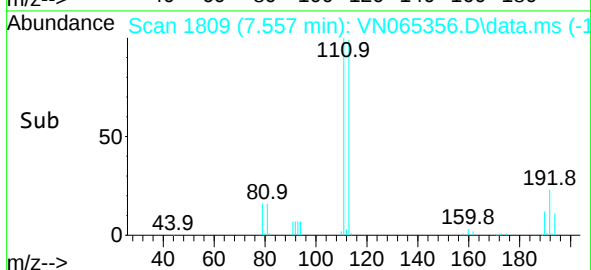
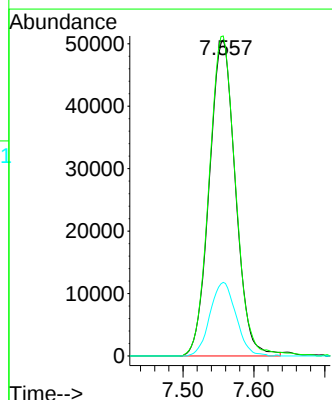
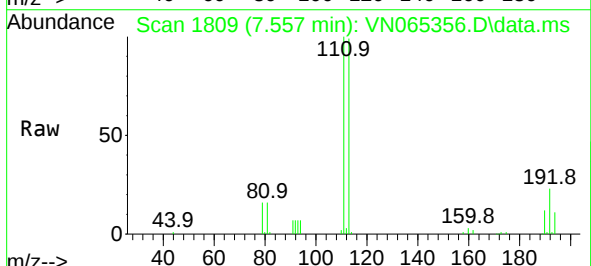
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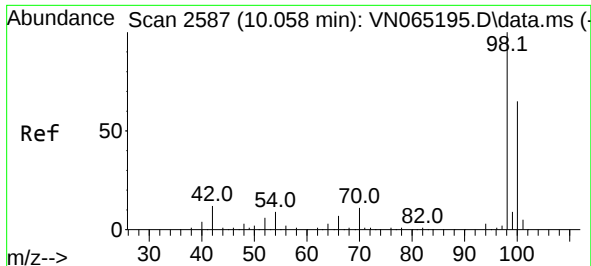
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#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion:113 Resp: 129436
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 23.1 16.2 24.2





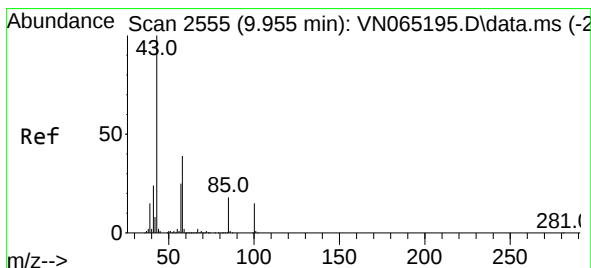
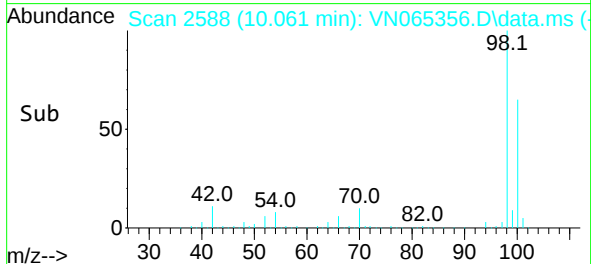
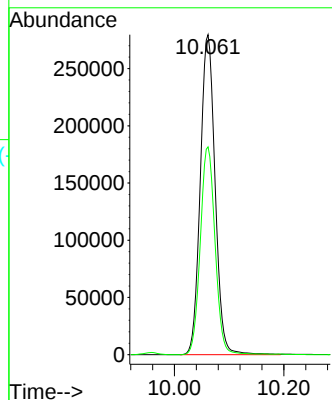
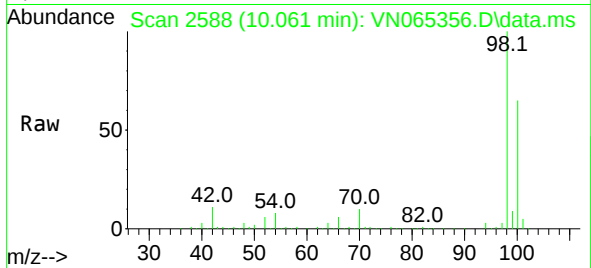
#50
Toluene-d8
Concen: 54.51 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 98 Resp: 524933
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

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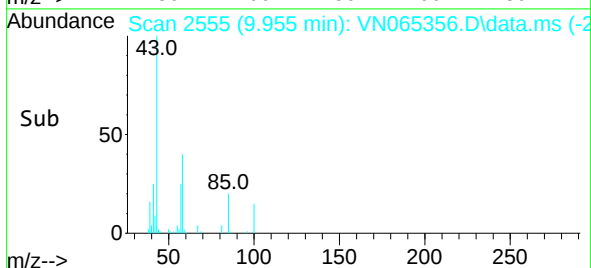
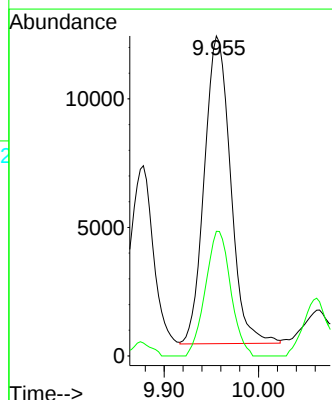
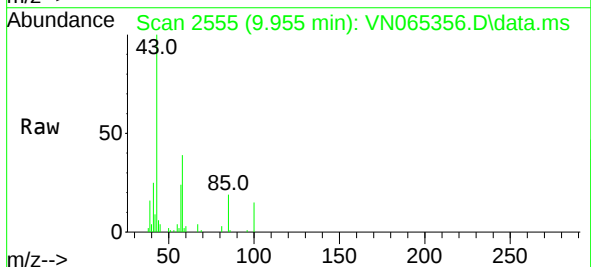
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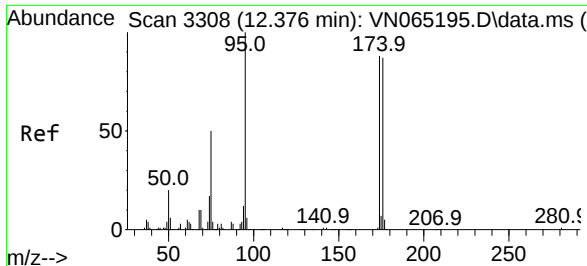
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#51
4-Methyl-2-Pentanone
Concen: 6.19 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 43 Resp: 23033
Ion Ratio Lower Upper
43 100
58 38.9 32.4 48.6





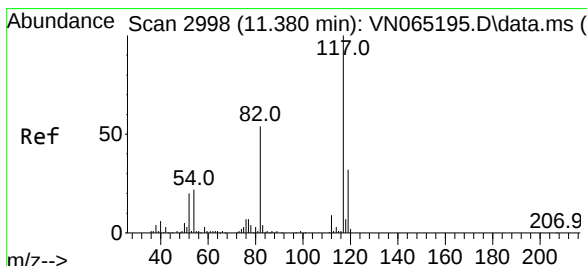
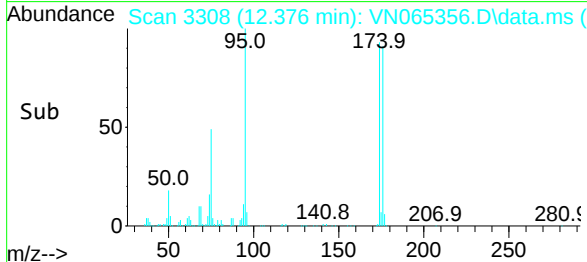
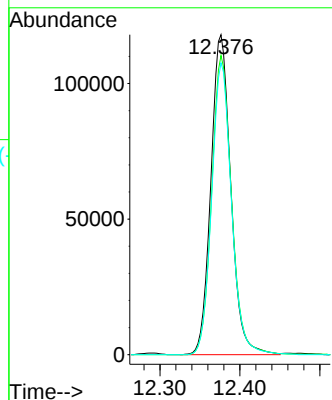
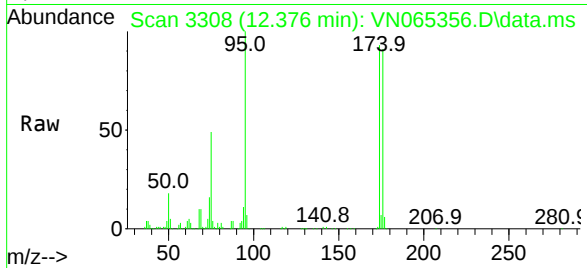
#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 95 Resp: 204941
Ion Ratio Lower Upper
95 100
174 92.8 0.0 160.4
176 90.5 0.0 158.4

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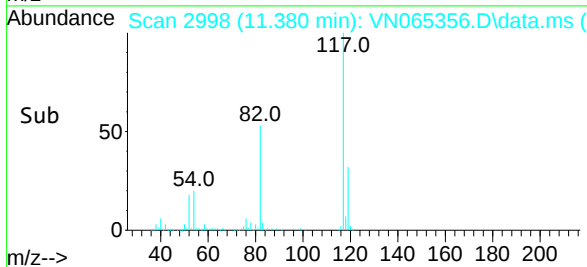
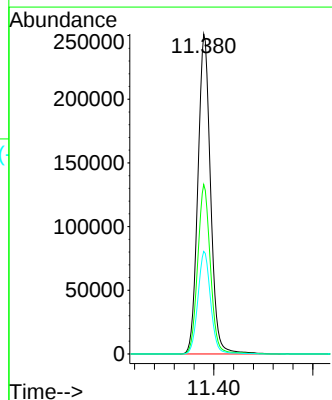
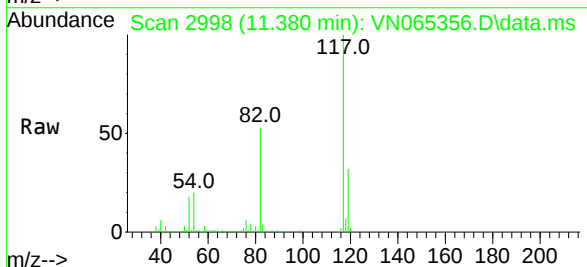
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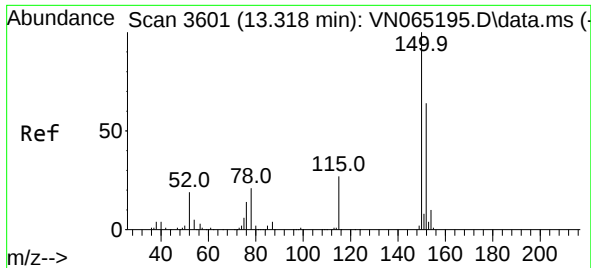
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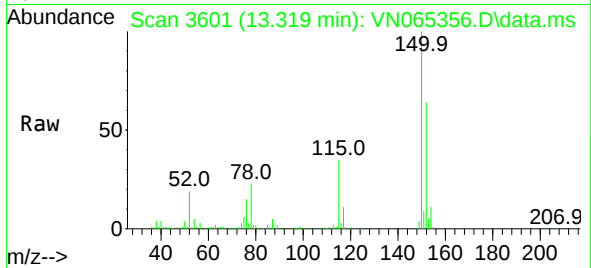
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065356.D
Acq: 31 Dec 2020 19:38

Tgt Ion: 117 Resp: 448011
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.0 25.8 38.6

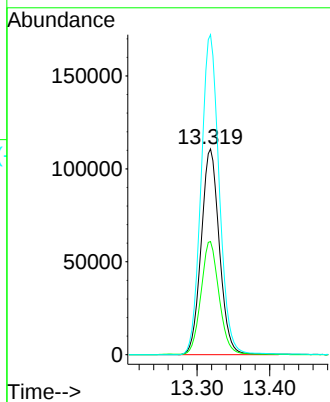
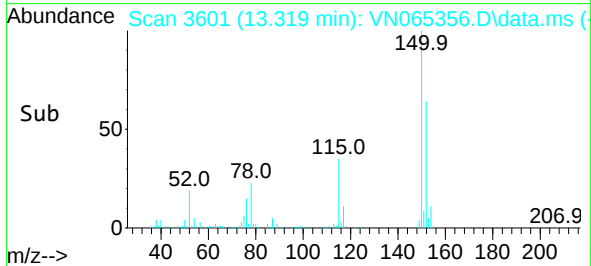




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.319 min Scan# 3601
 Delta R.T. 0.001 min
 Lab File: VN065356.D
 Acq: 31 Dec 2020 19:38



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	29.7	89.1
150	155.9	0.0	350.6



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