

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065888.D
 Acq On : 16 Feb 2021 21:25
 Operator : JC/MD
 Sample : M1417-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-478-480

Quant Time: Feb 17 00:15:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

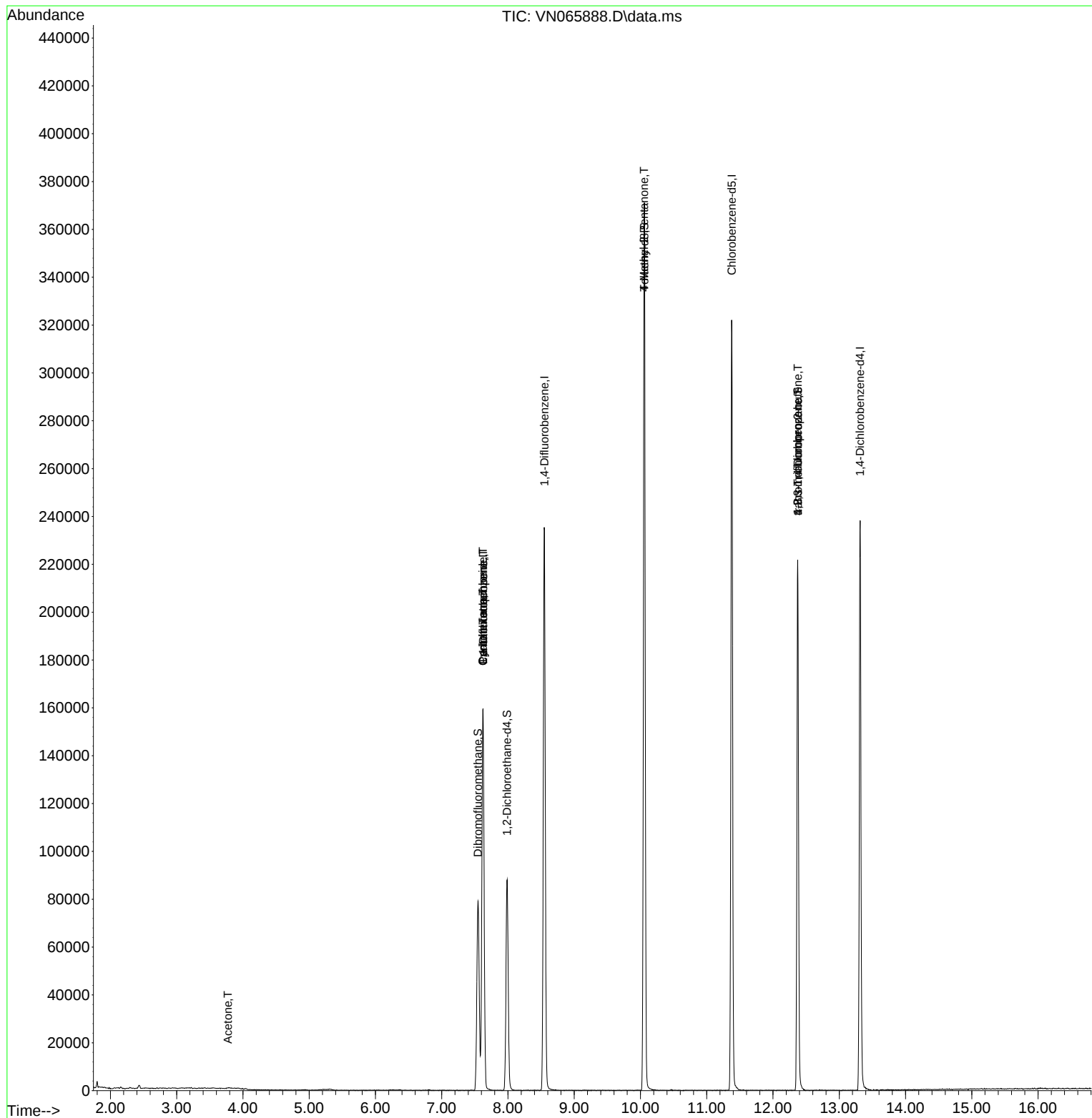
Internal Standards						
1) Pentafluorobenzene	7.624	168	137430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	229168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	203733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	74620	41.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.54%		
35) Dibromofluoromethane	7.547	113	65237	48.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.08%		
50) Toluene-d8	10.058	98	280489	52.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.08%		
62) 4-Bromofluorobenzene	12.373	95	89891	46.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.52%		
Target Compounds					Qvalue	
16) Acetone	3.772	43	425	0.60	ug/l #	41
31) Cyclohexane	7.621	56	2228	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	9609	4.17	ug/l #	47
38) Carbon Tetrachloride	7.621	117	12626	6.65	ug/l #	18
51) 4-Methyl-2-Pentanone	10.055	43	847	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	39231	20.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	39231	52.27	ug/l #	12

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

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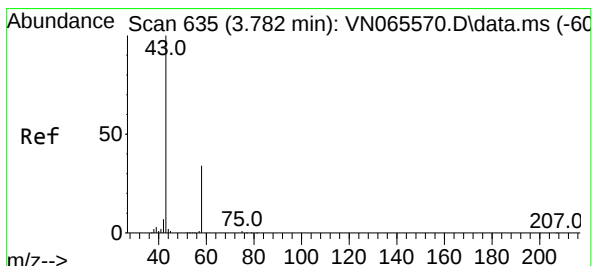
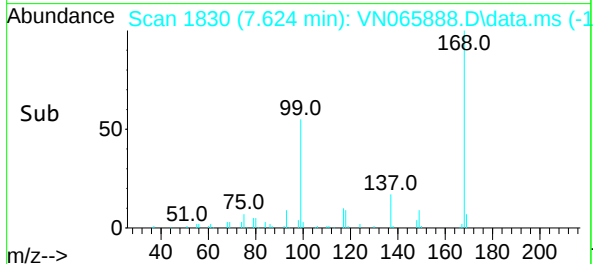
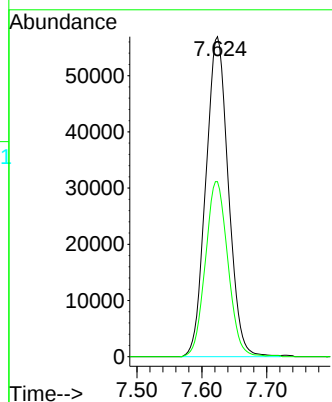
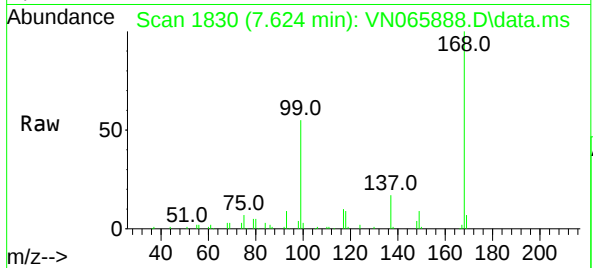




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

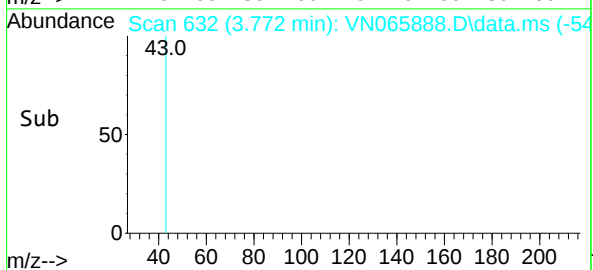
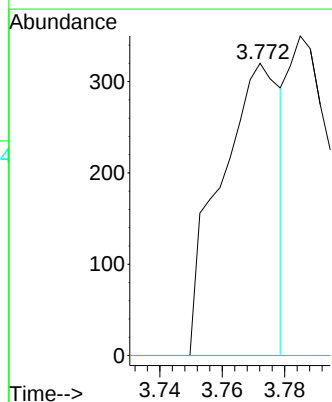
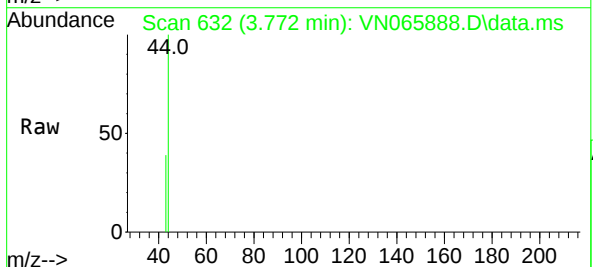
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-478-480

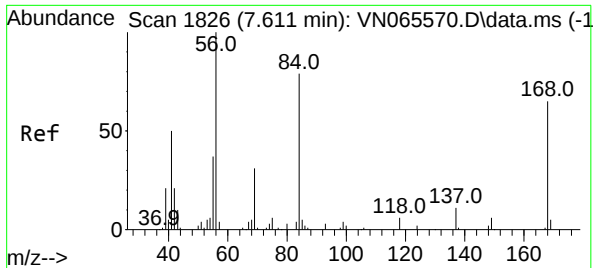
Tgt Ion:168 Resp: 137430
Ion Ratio Lower Upper
168 100
99 54.7 42.6 63.8



#16
Acetone
Concen: 0.60 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.010 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

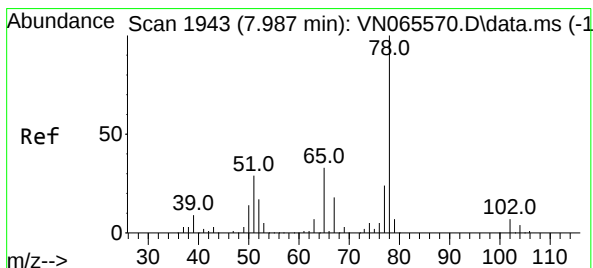
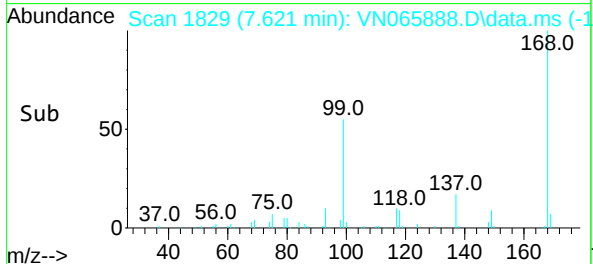
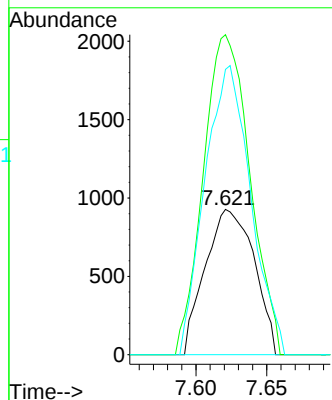
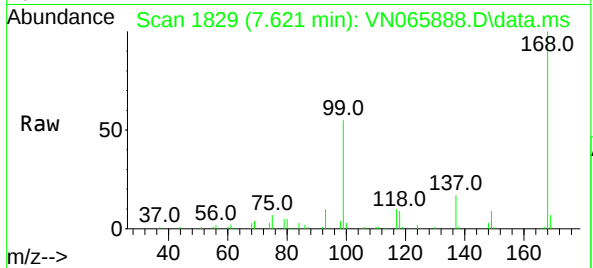




#31
Cyclohexane
Concen: 0.66 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

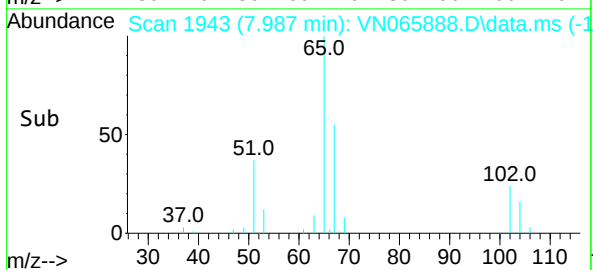
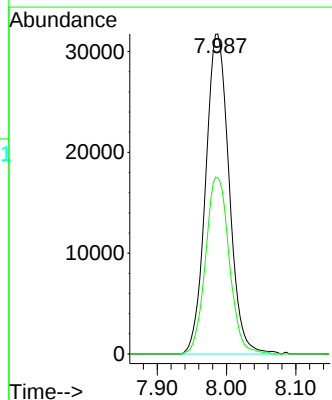
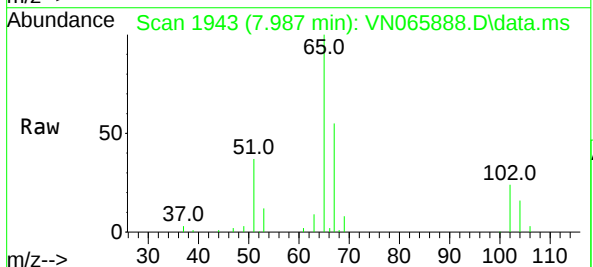
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-478-480

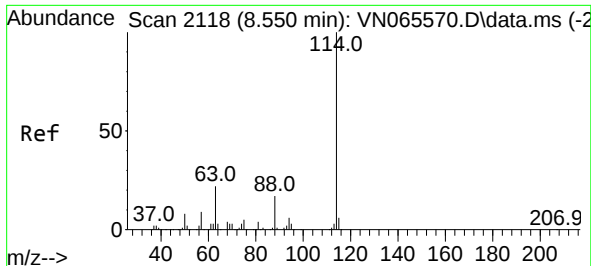
Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 220.3 26.6 39.8#
84 196.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.27 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

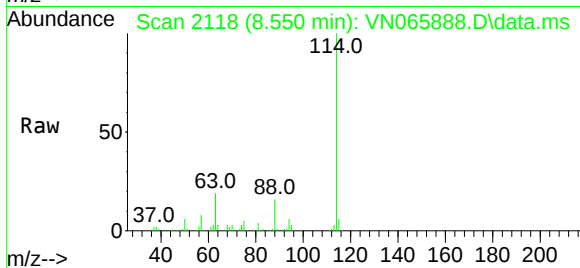
Tgt Ion: 65 Resp: 74620
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



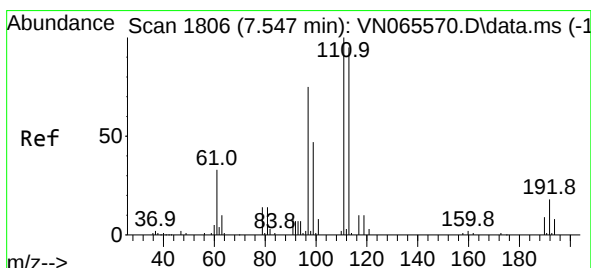
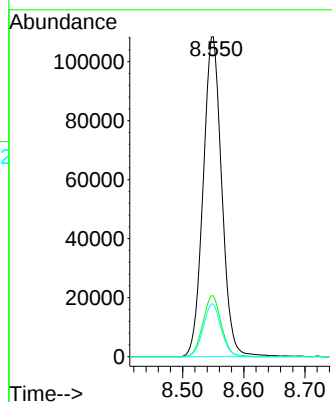
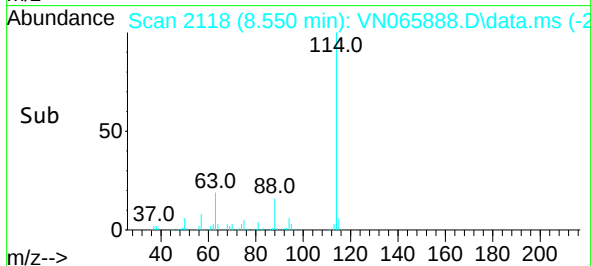


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

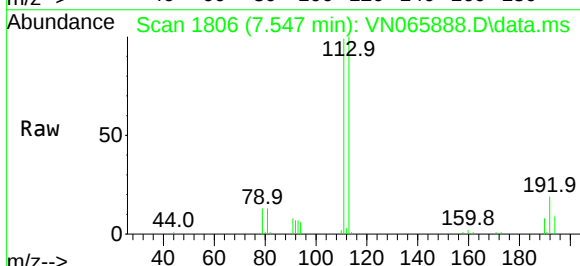
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-478-480



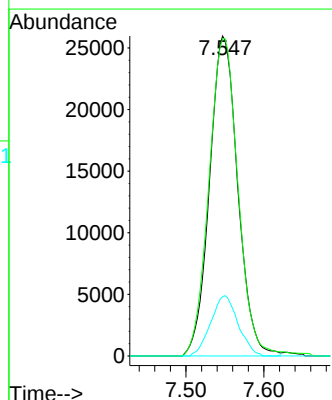
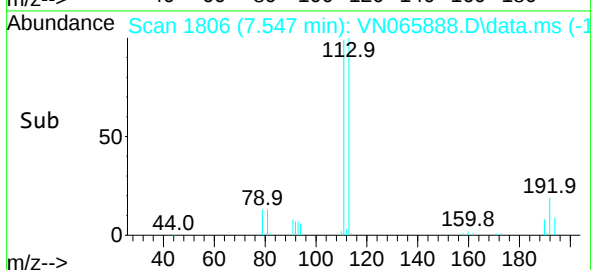
Tgt Ion:114 Resp: 229168
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 16.4 0.0 30.6

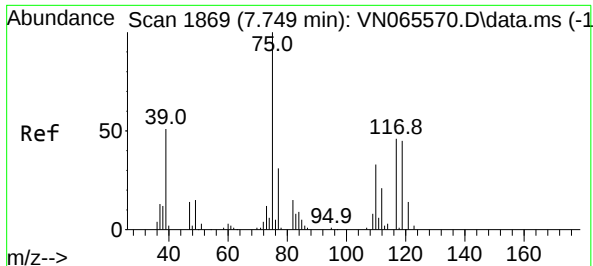


#35
Dibromofluoromethane
Concen: 48.04 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25



Tgt Ion:113 Resp: 65237
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.3 15.4 23.0

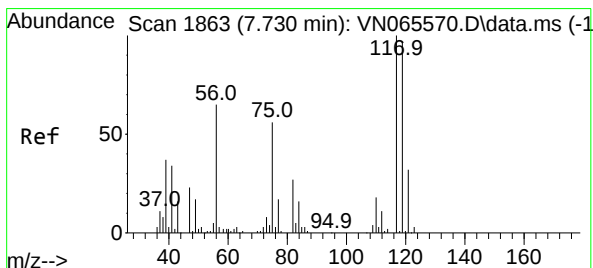
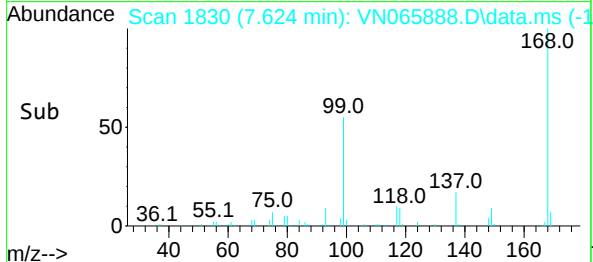
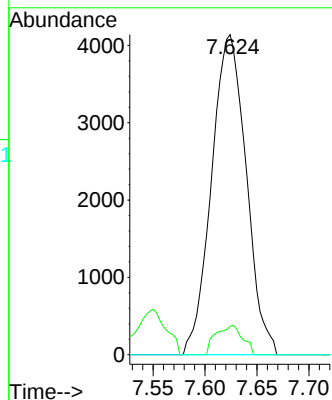
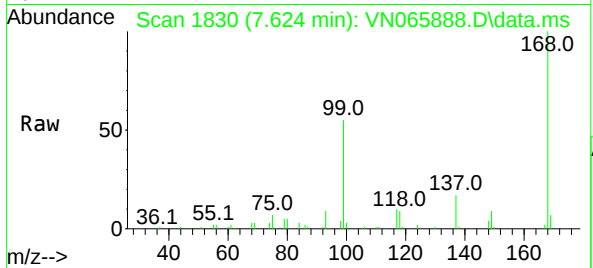




#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

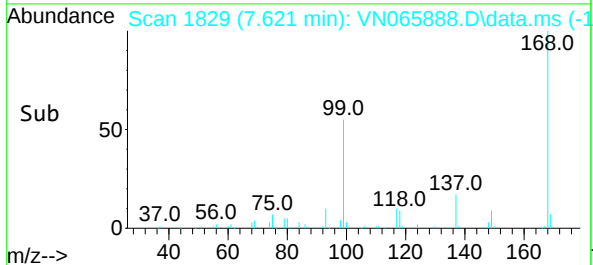
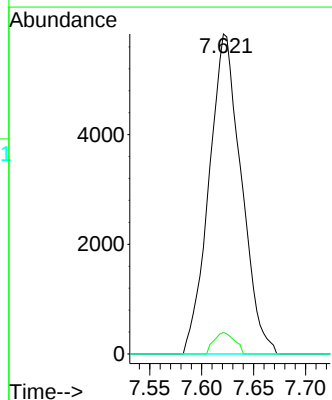
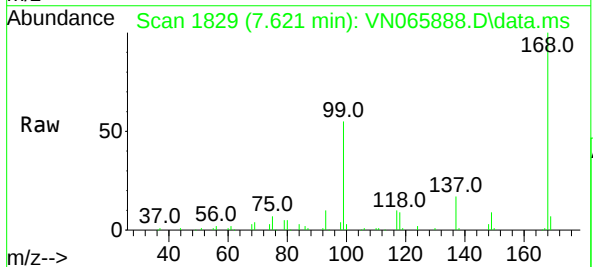
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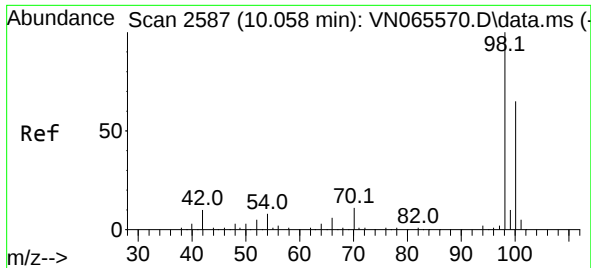
Tgt Ion: 75 Resp: 9609
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

Tgt Ion: 117 Resp: 12626
Ion Ratio Lower Upper
117 100
119 6.7 76.0 114.0#
121 0.0 24.5 36.7#

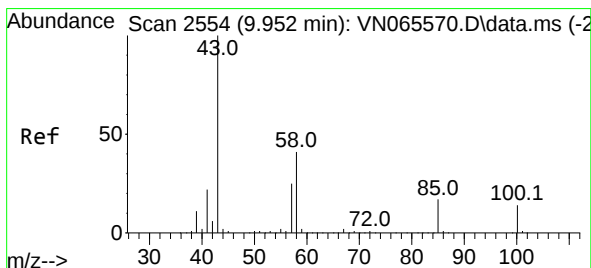
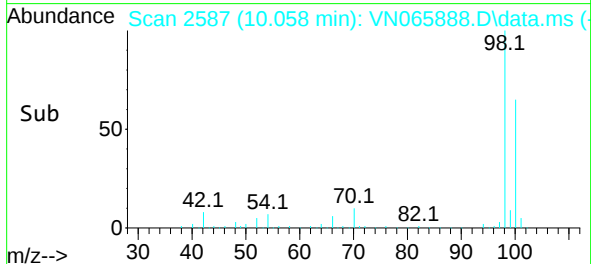
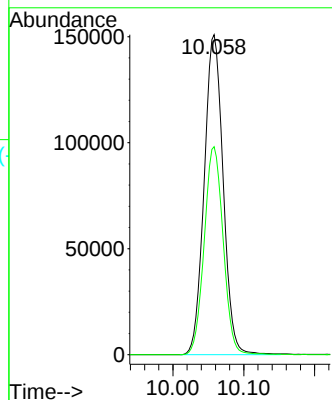
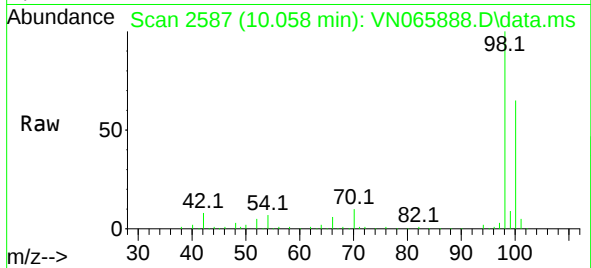




#50
Toluene-d8
Concen: 52.54 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

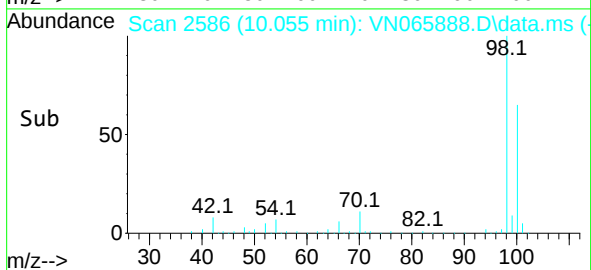
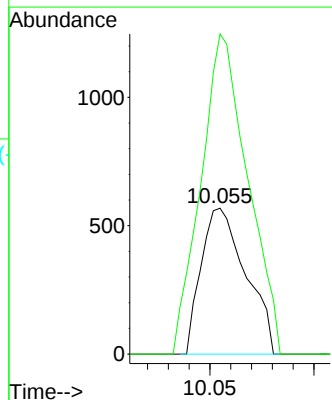
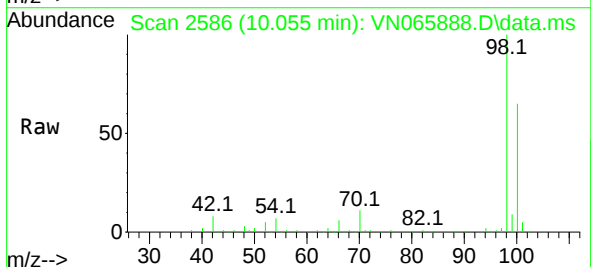
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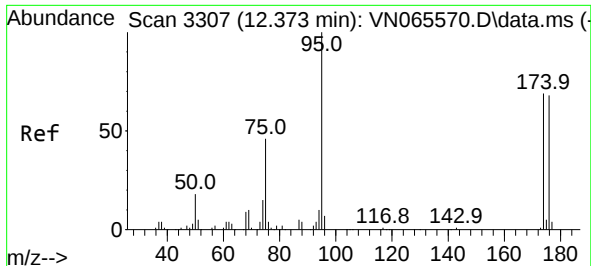
Tgt Ion: 98 Resp: 280489
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 230.5 32.5 48.7#

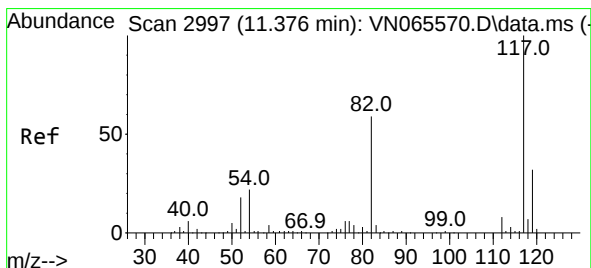
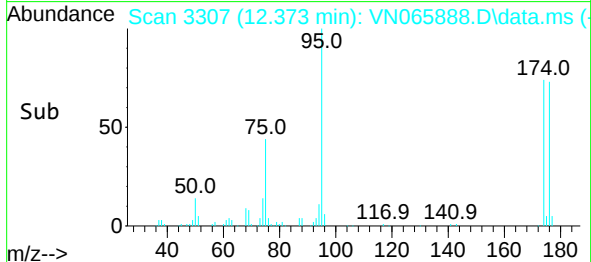
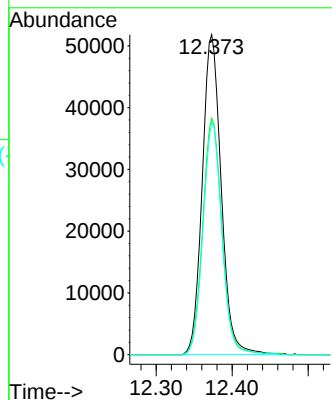
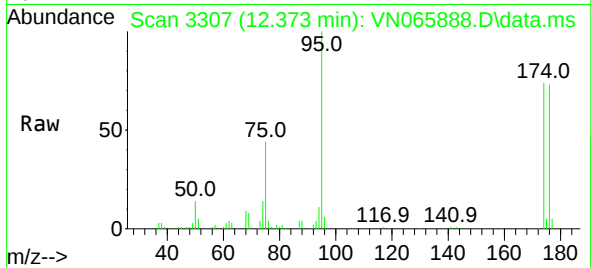




#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

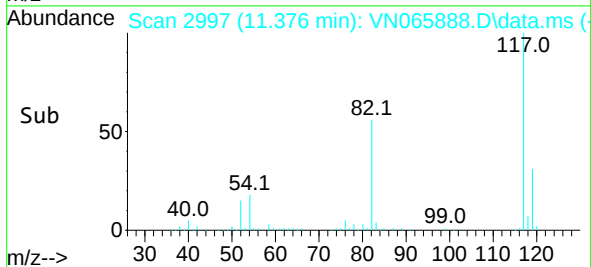
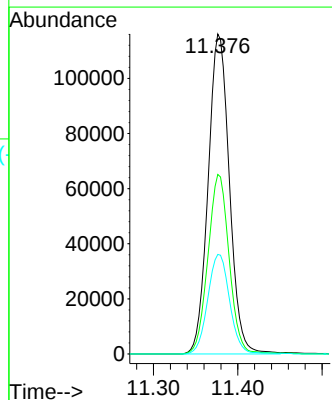
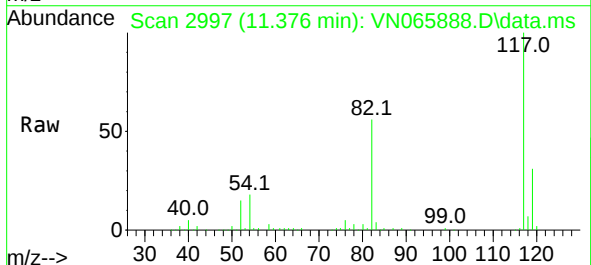
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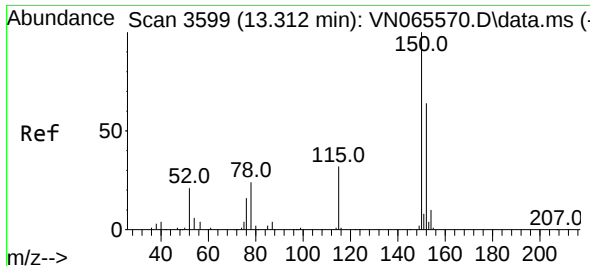
Tgt Ion: 95 Resp: 89891
Ion Ratio Lower Upper
95 100
174 75.1 0.0 169.0
176 72.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

Tgt Ion: 117 Resp: 203733
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 31.1 26.1 39.1

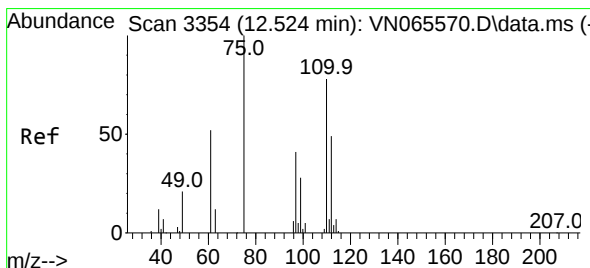
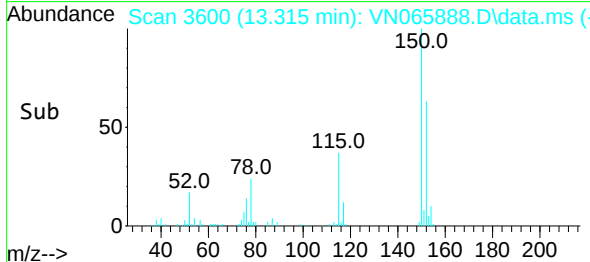
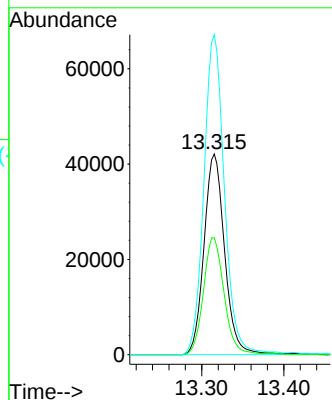
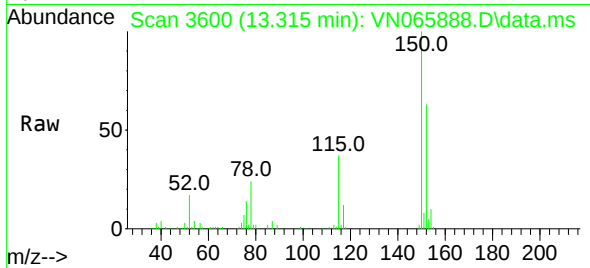




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

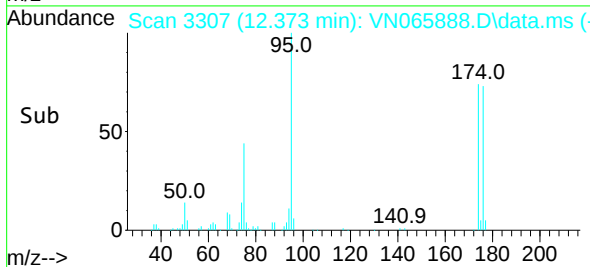
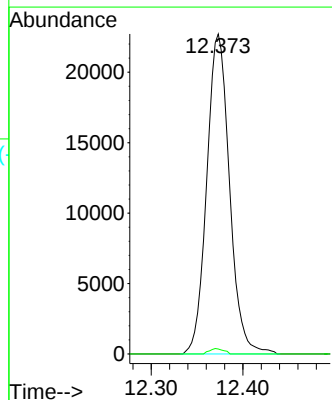
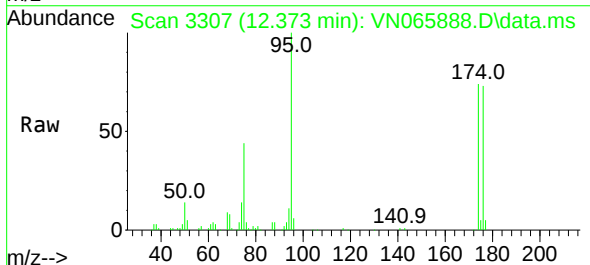
Instrument :
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BP-TT-VPB-RW6-GW-478-480

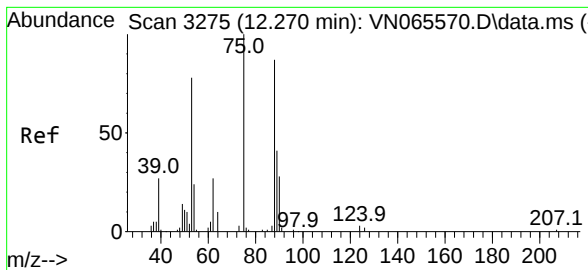
Tgt Ion:152 Resp: 73521
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.6
150 158.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 20.41 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065888.D
Acq: 16 Feb 2021 21:25

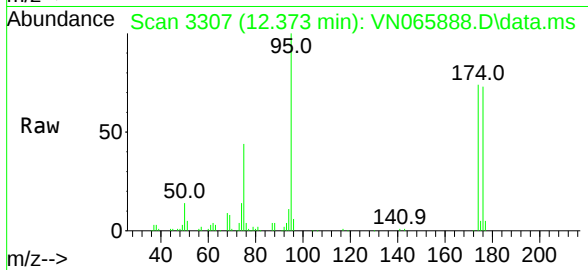
Tgt Ion: 75 Resp: 39231
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.27 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065888.D
 Acq: 16 Feb 2021 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-478-480



Tgt Ion:	75	Resp:	39231
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	35.8	53.8#

