

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066055.D
 Acq On : 26 Feb 2021 16:42
 Operator : JC/MD
 Sample : M1488-04 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41709

Quant Time: Feb 26 23:35:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

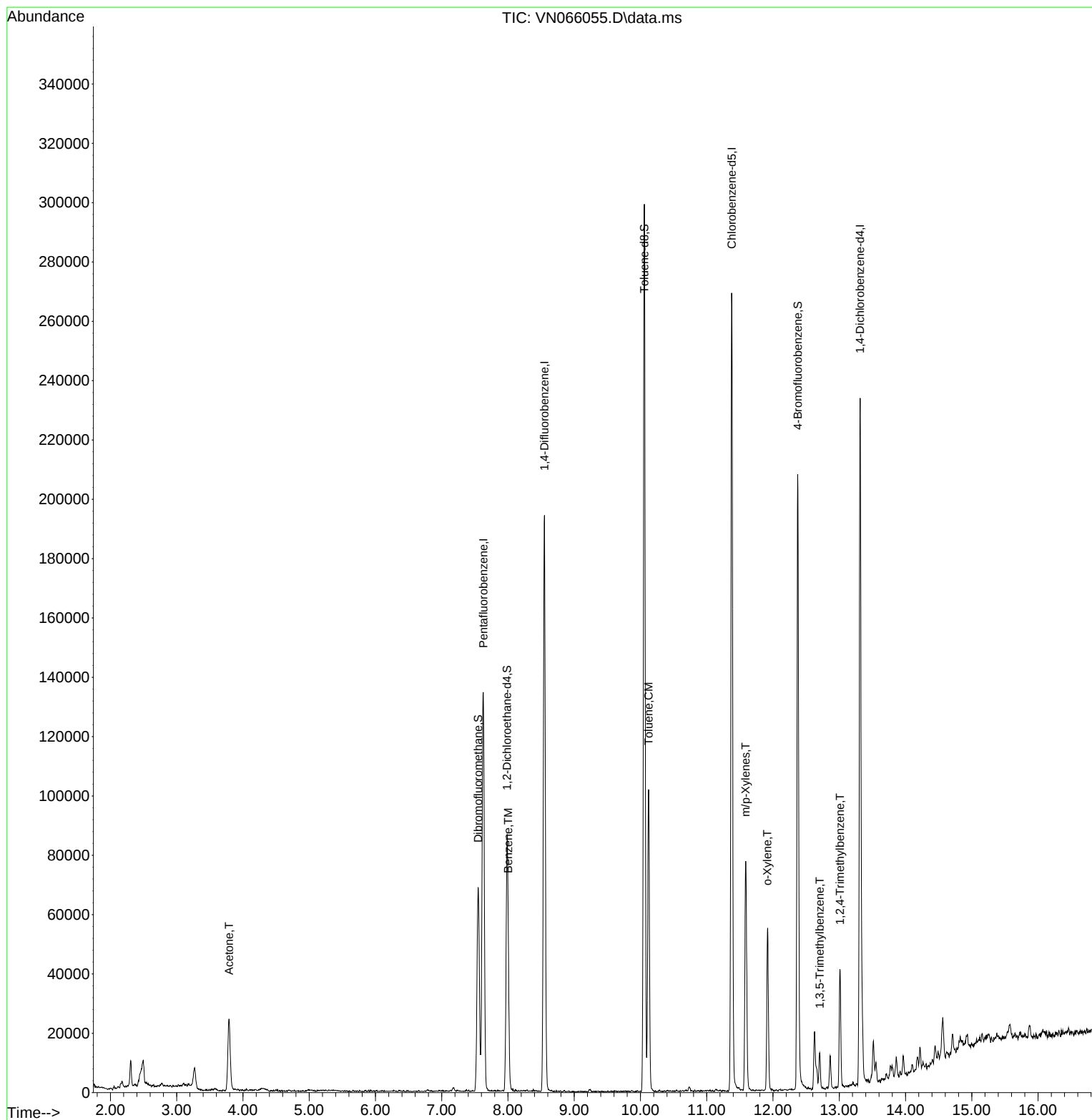
Internal Standards						
1) Pentafluorobenzene	7.627	168	108631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	174489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	165128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	65354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	73490	48.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.76%
35) Dibromofluoromethane	7.550	113	53775	49.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.60%
50) Toluene-d8	10.058	98	211944	47.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.62%
62) 4-Bromofluorobenzene	12.373	95	81032	48.69	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.38%
Target Compounds						
					Qvalue	
16) Acetone	3.788	43	40862	84.57	ug/l	94
40) Benzene	8.004	78	13173	2.50	ug/l	98
52) Toluene	10.122	92	45573	14.06	ug/l	97
68) m/p-Xylenes	11.589	106	25668	11.01	ug/l	93
69) o-Xylene	11.917	106	15972	7.10	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	7777	1.72	ug/l	93
84) 1,2,4-Trimethylbenzene	13.010	105	25230	5.55	ug/l	98

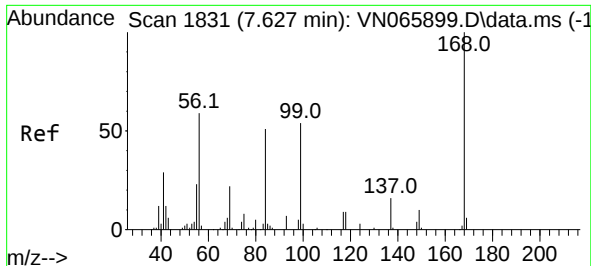
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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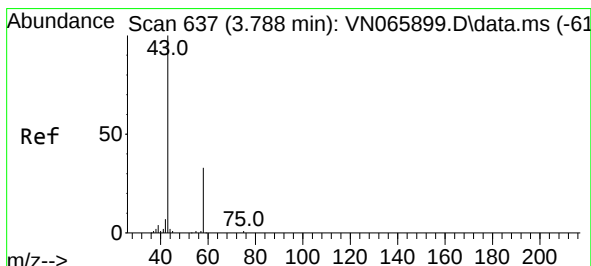
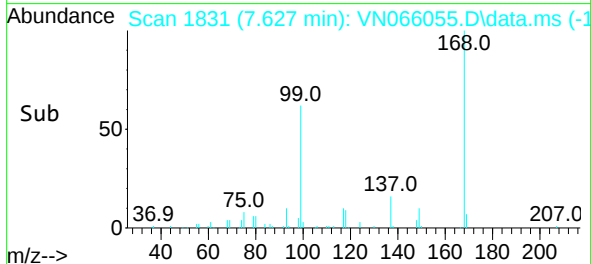
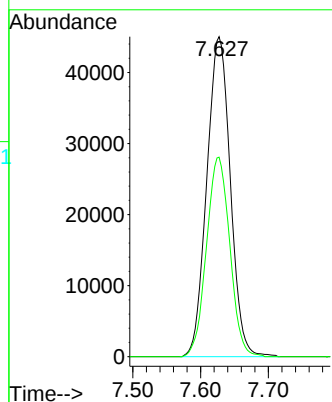
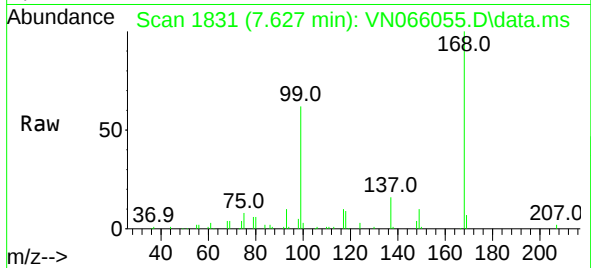




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

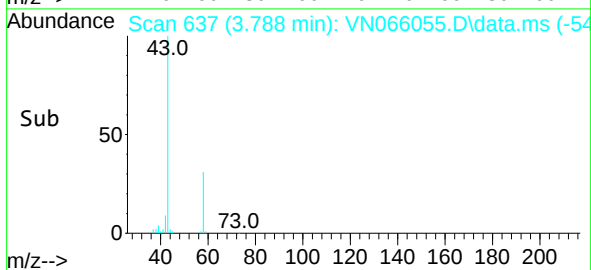
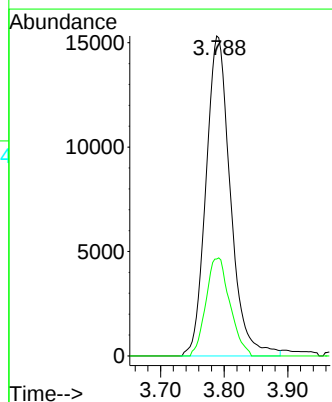
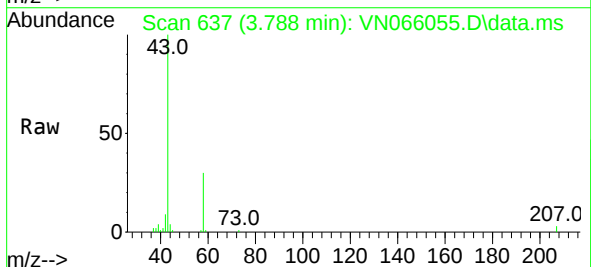
Instrument :
MSVOA_N
ClientSampleId :
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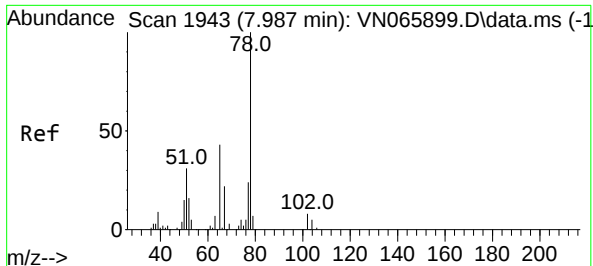
Tgt Ion:168 Resp: 108631
Ion Ratio Lower Upper
168 100
99 62.3 42.6 63.8



#16
Acetone
Concen: 84.57 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion: 43 Resp: 40862
Ion Ratio Lower Upper
43 100
58 30.3 27.0 40.6

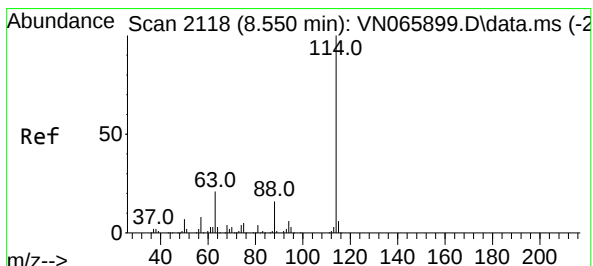
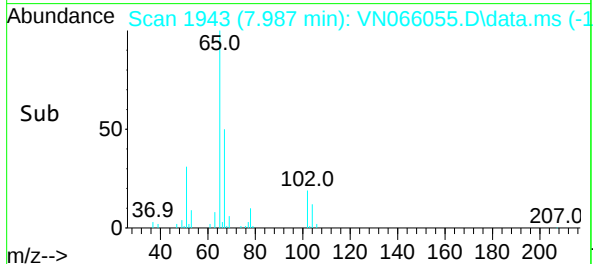
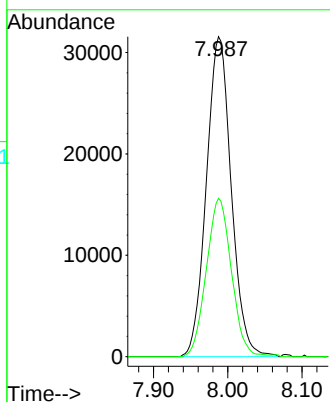
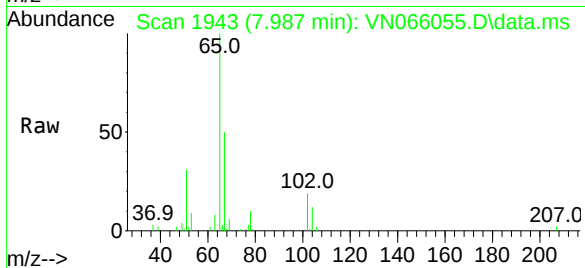




#33
1,2-Dichloroethane-d4
Concen: 48.38 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

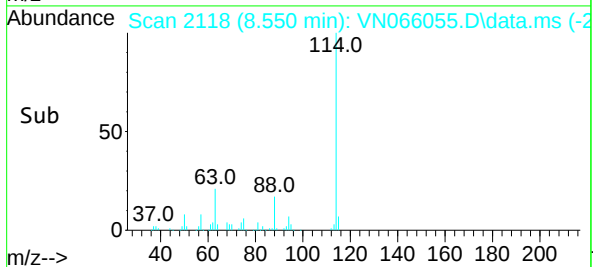
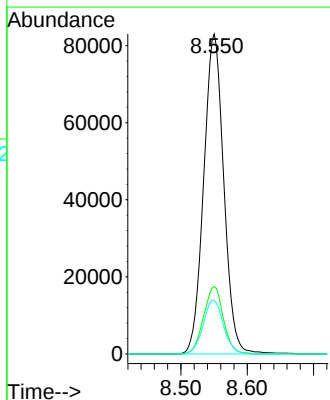
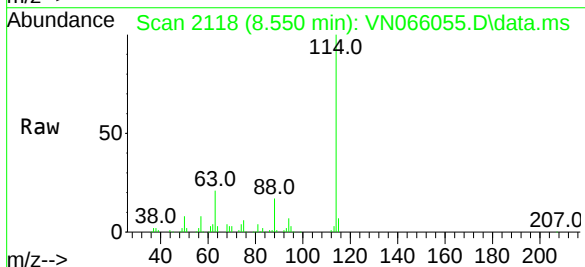
Instrument :
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ClientSampleId :
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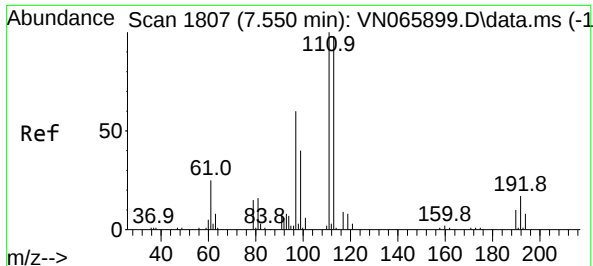
Tgt Ion: 65 Resp: 73490
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion: 114 Resp: 174489
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.8 0.0 30.6

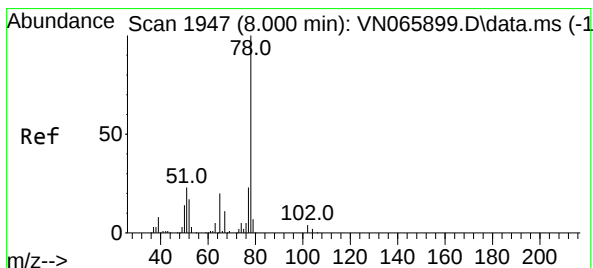
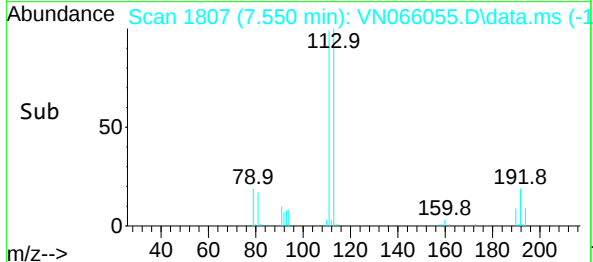
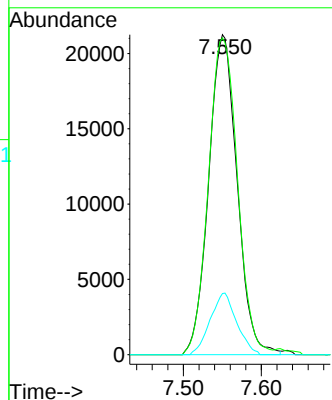
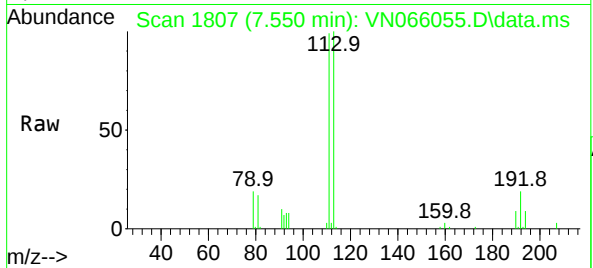




#35
Dibromofluoromethane
Concen: 49.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

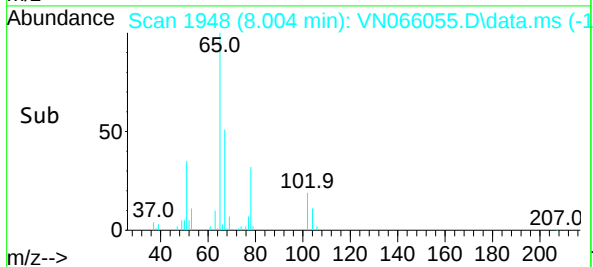
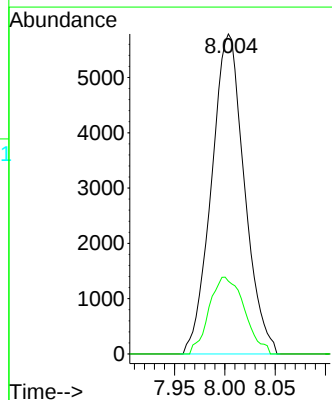
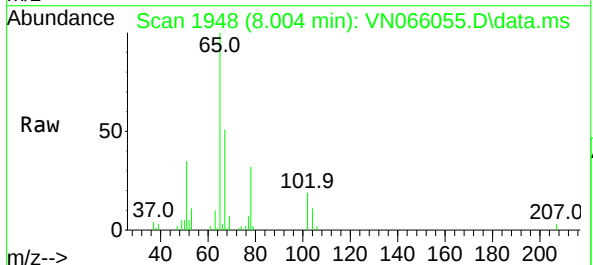
Instrument :
MSVOA_N
ClientSampled :
41709

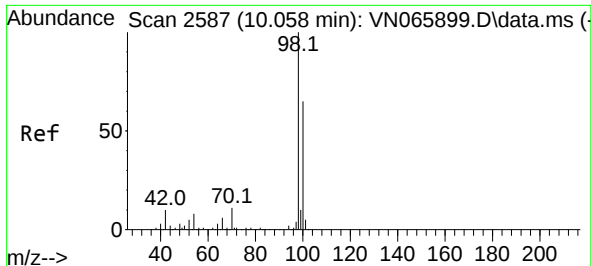
Tgt Ion:113 Resp: 53775
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 18.0 15.4 23.0



#40
Benzene
Concen: 2.50 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.004 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion: 78 Resp: 13173
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

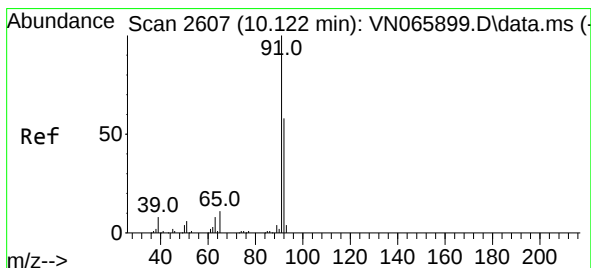
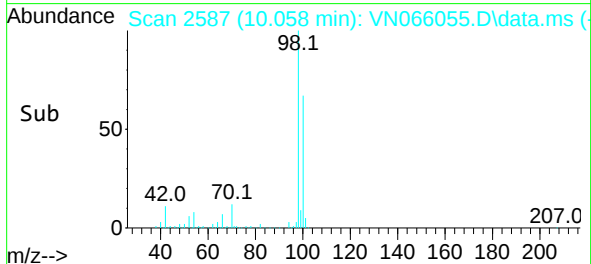
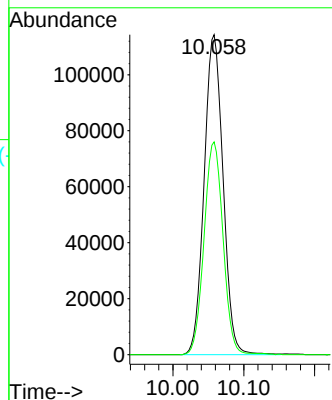
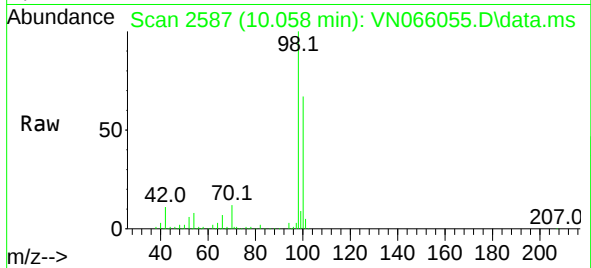




#50
Toluene-d8
Concen: 47.81 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

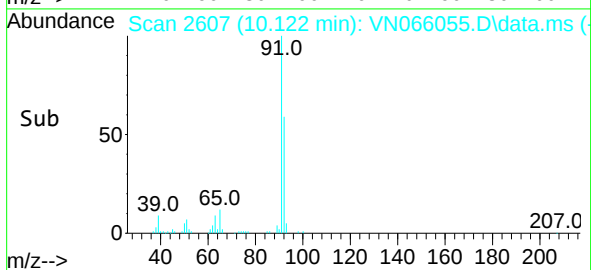
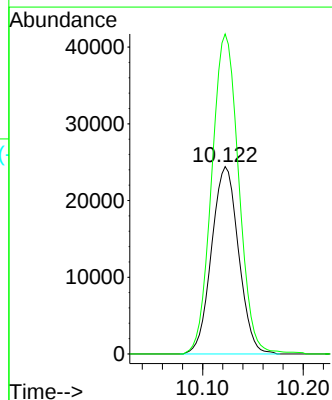
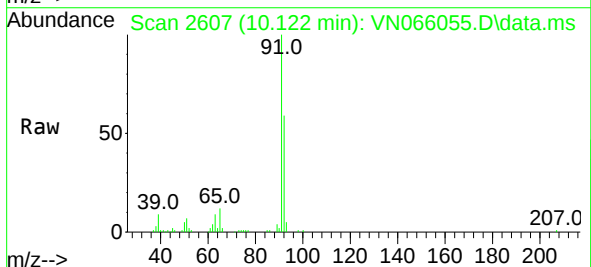
Instrument :
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ClientSampleId :
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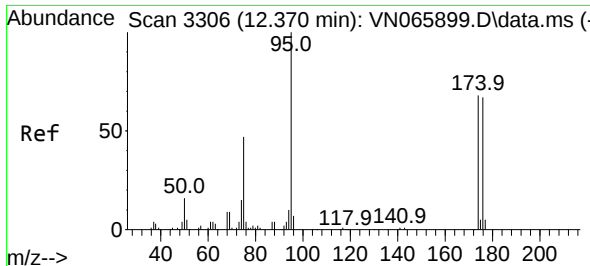
Tgt Ion: 98 Resp: 211944
Ion Ratio Lower Upper
98 100
100 66.8 50.5 75.7



#52
Toluene
Concen: 14.06 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion: 92 Resp: 45573
Ion Ratio Lower Upper
92 100
91 171.2 140.7 211.1

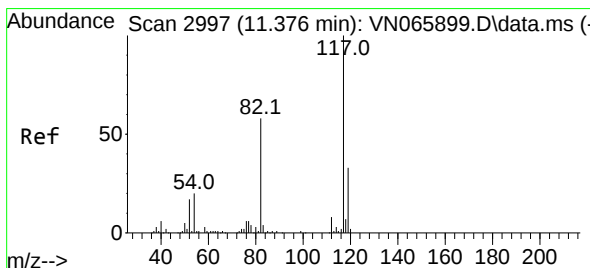
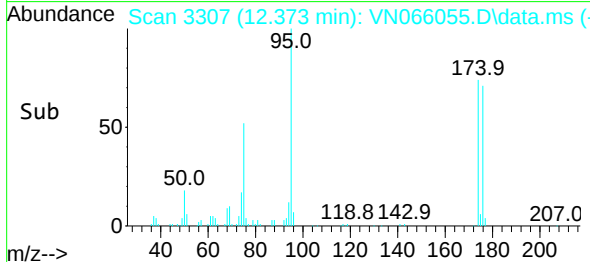
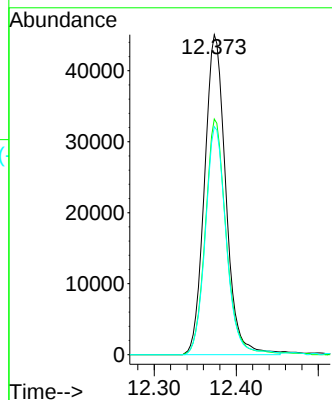
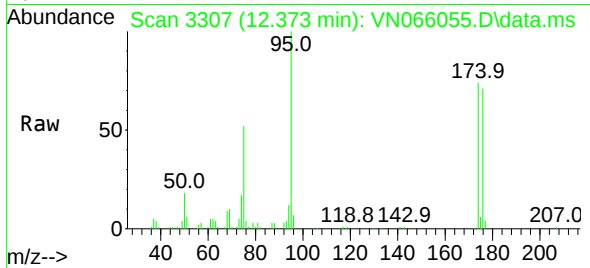




#62
4-Bromofluorobenzene
Concen: 48.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

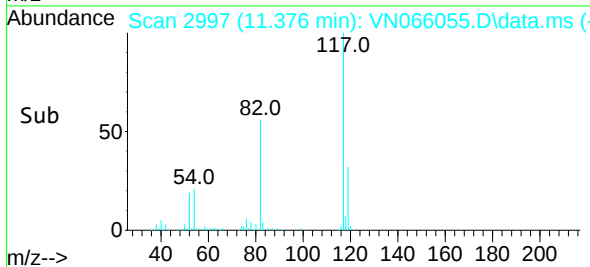
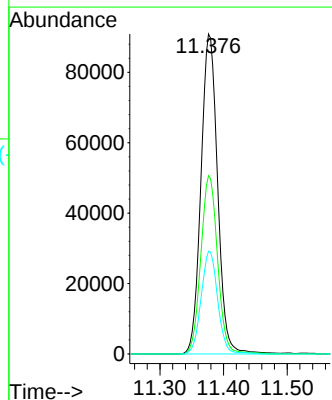
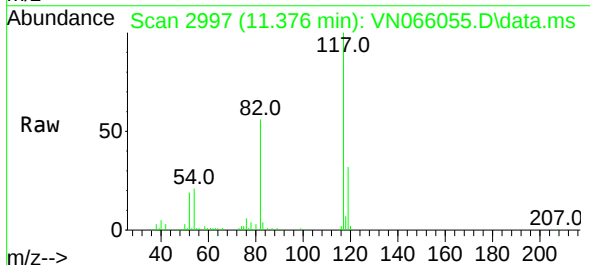
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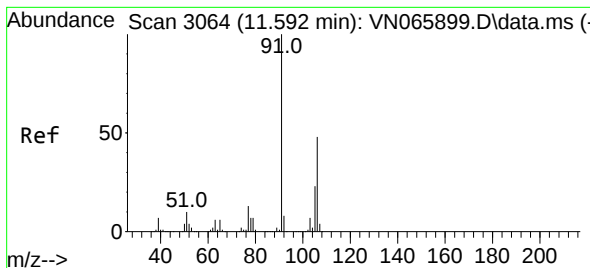
Tgt Ion: 95 Resp: 81032
Ion Ratio Lower Upper
95 100
174 72.2 0.0 169.0
176 69.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion: 117 Resp: 165128
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.1 26.1 39.1

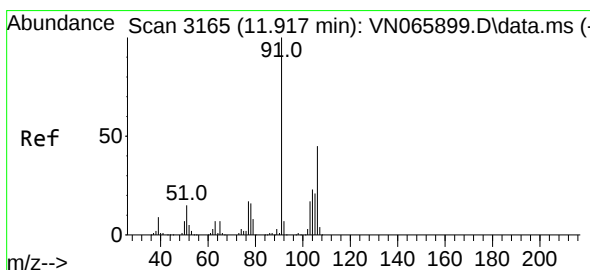
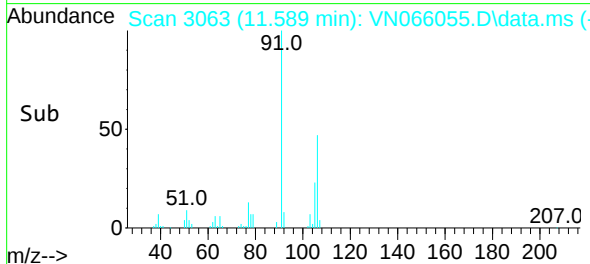
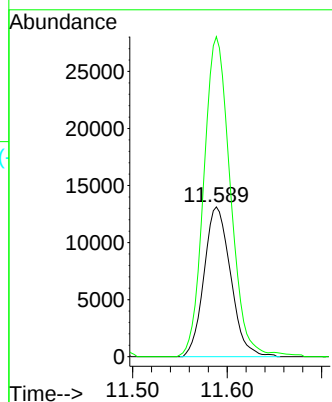
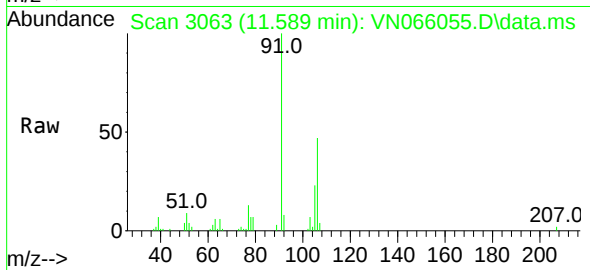




#68
m/p-Xylenes
Concen: 11.01 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

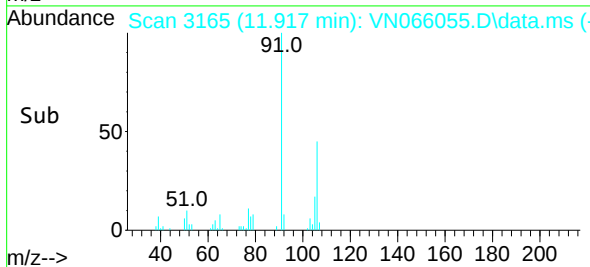
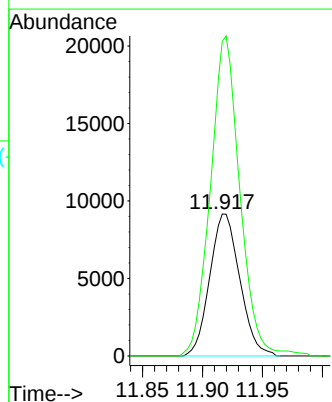
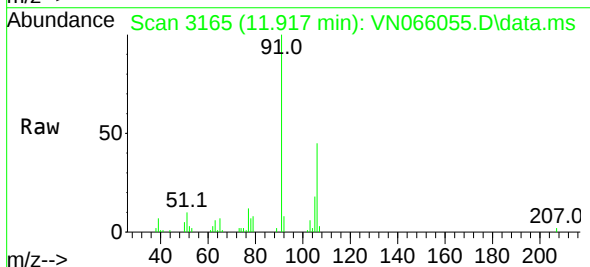
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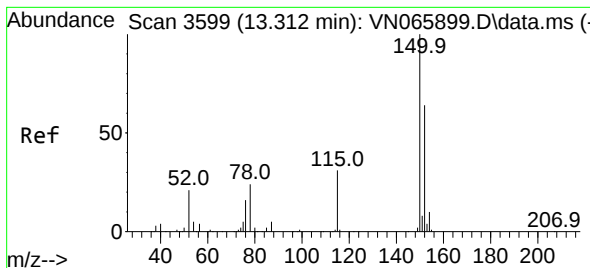
Tgt Ion:106 Resp: 25668
Ion Ratio Lower Upper
106 100
91 211.8 161.4 242.0



#69
o-Xylene
Concen: 7.10 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VN066055.D
Acq: 26 Feb 2021 16:42

Tgt Ion:106 Resp: 15972
Ion Ratio Lower Upper
106 100
91 220.5 106.8 320.4

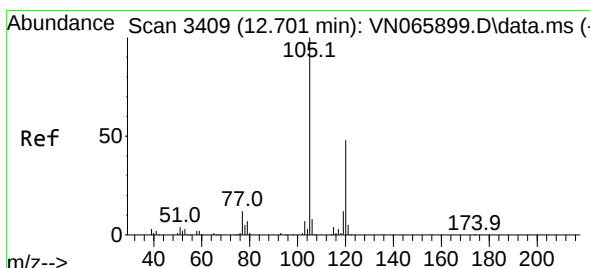
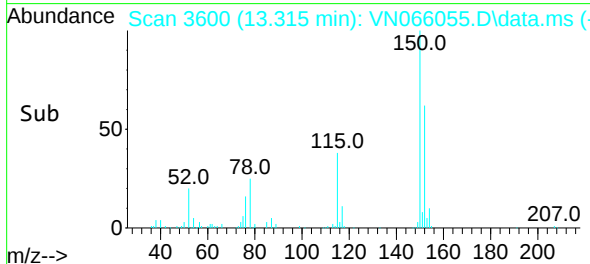
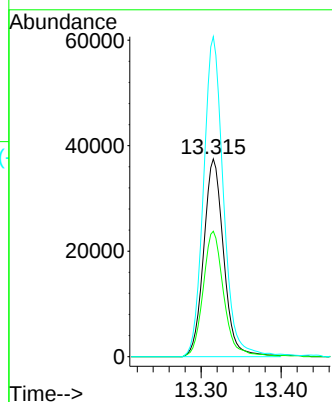
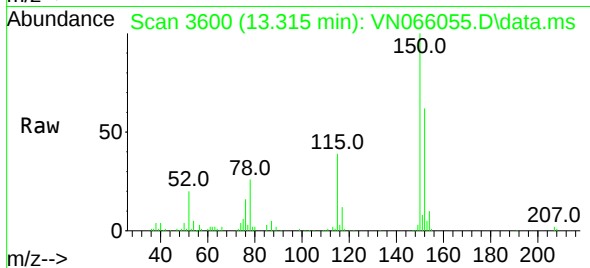




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066055.D
 Acq: 26 Feb 2021 16:42

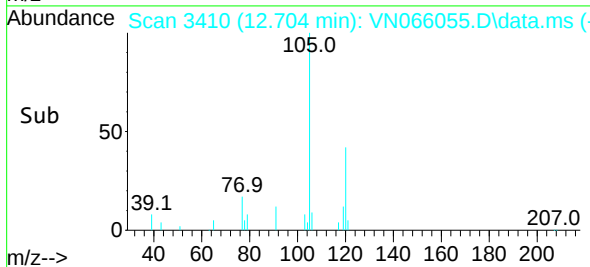
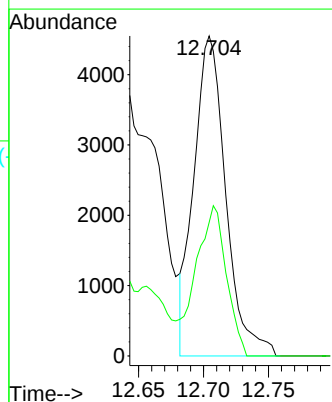
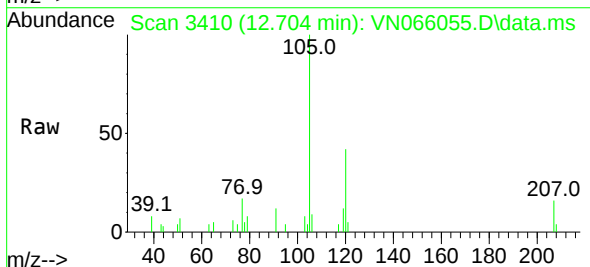
Instrument :
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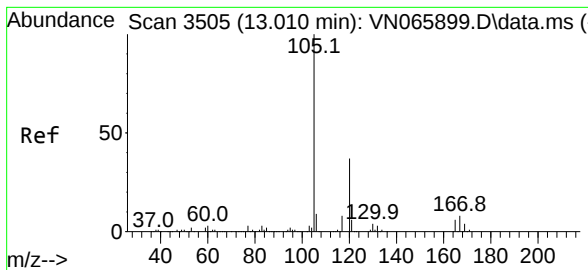
Tgt Ion:152 Resp: 65354
 Ion Ratio Lower Upper
 152 100
 115 65.2 28.5 85.6
 150 160.7 0.0 347.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.72 ug/l
 RT: 12.704 min Scan# 3410
 Delta R.T. 0.003 min
 Lab File: VN066055.D
 Acq: 26 Feb 2021 16:42

Tgt Ion:105 Resp: 7777
 Ion Ratio Lower Upper
 105 100
 120 44.1 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 5.55 ug/l
 RT: 13.010 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: VN066055.D
 Acq: 26 Feb 2021 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:105 Resp: 25230
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.4 67.0

