

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067137.D
 Acq On : 18 May 2021 19:15
 Operator : JC/MD
 Sample : M2366-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JG-SPOILS-5-11-21-C

Quant Time: May 19 02:52:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

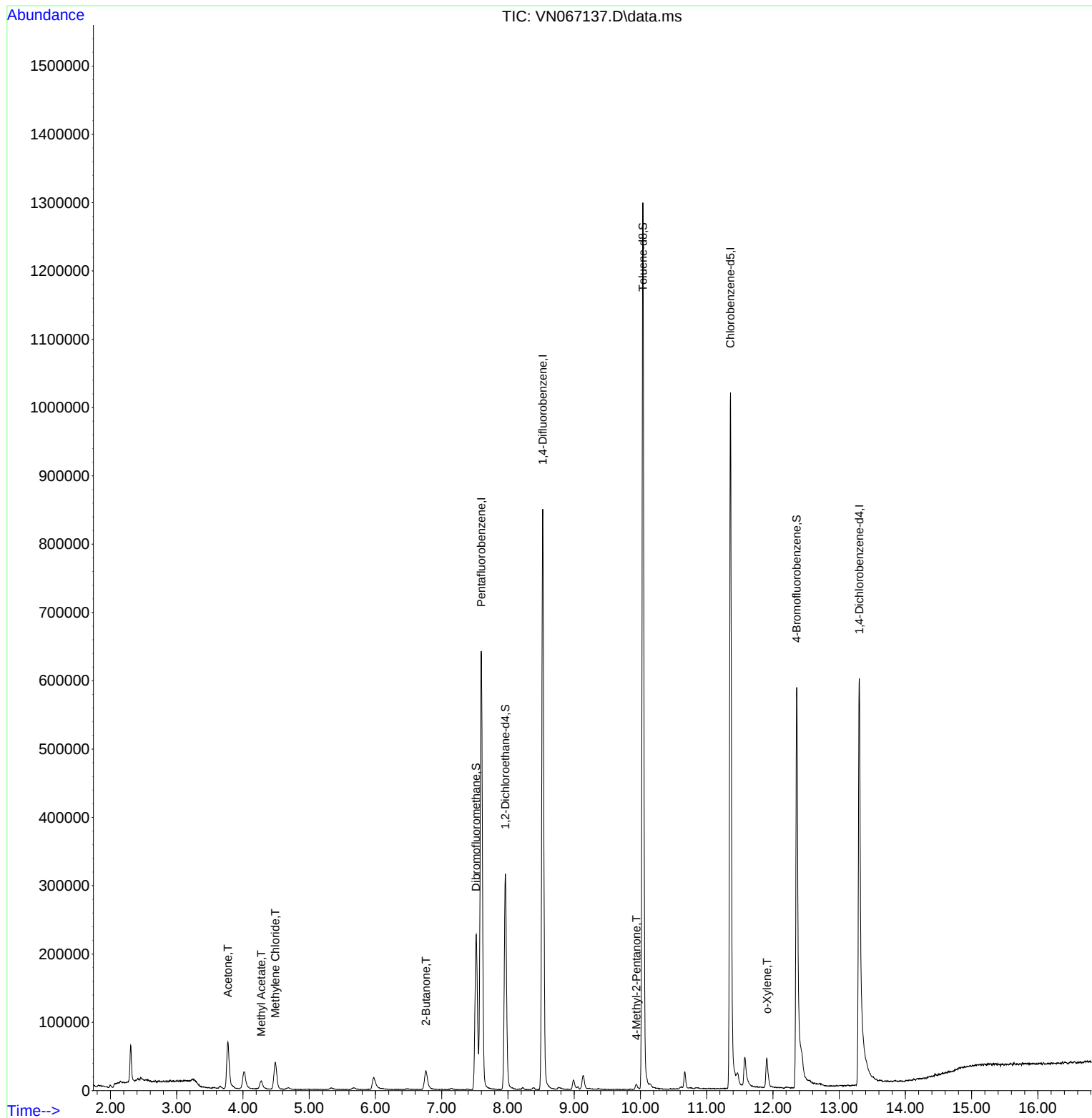
Internal Standards						
1) Pentafluorobenzene	7.597	168	613723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	846210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	723022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	273955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	276985	41.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.56%		
35) Dibromofluoromethane	7.519	113	185242	33.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	66.68%#		
50) Toluene-d8	10.037	98	987115	46.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.74%		
62) 4-Bromofluorobenzene	12.360	95	293790	41.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.30%		
Target Compounds						
						Qvalue
16) Acetone	3.772	43	118830	57.67	ug/l	98
18) Methyl Acetate	4.277	43	23969	3.91	ug/l	97
20) Methylene Chloride	4.488	84	33458	5.03	ug/l	93
25) 2-Butanone	6.763	43	42499	13.23	ug/l	95
51) 4-Methyl-2-Pentanone	9.941	43	6540	6.34	ug/l	99
69) o-Xylene	11.909	106	18875	1.79	ug/l	92

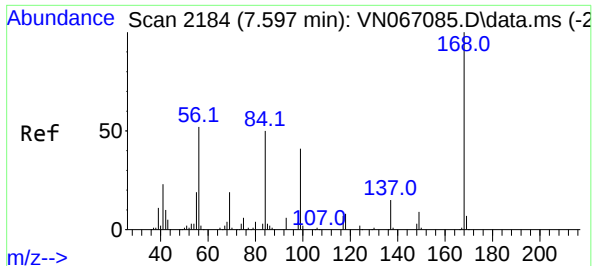
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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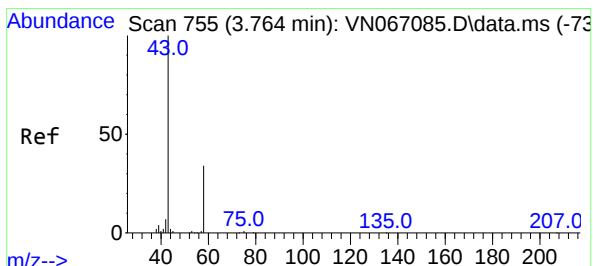
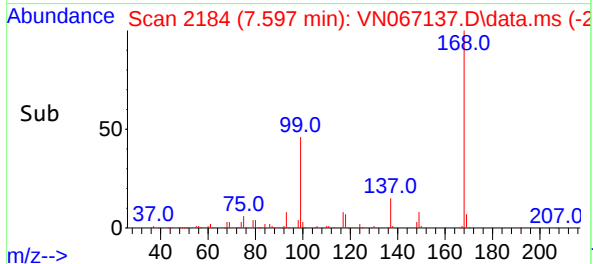
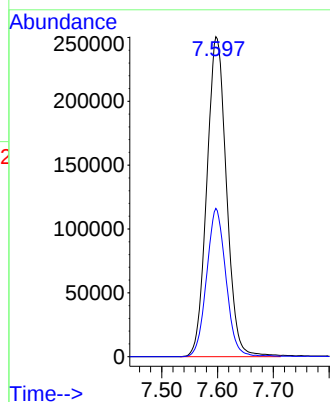
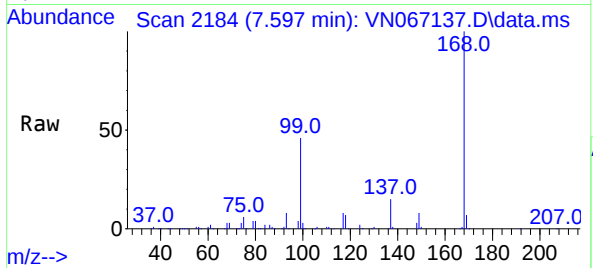




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

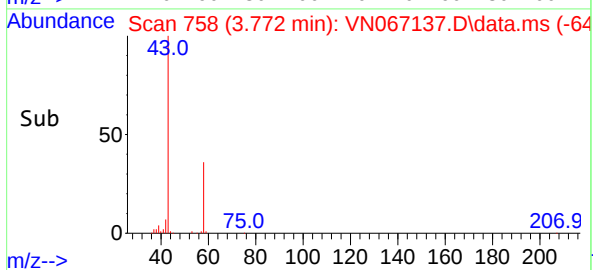
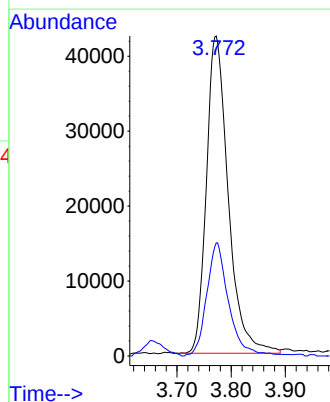
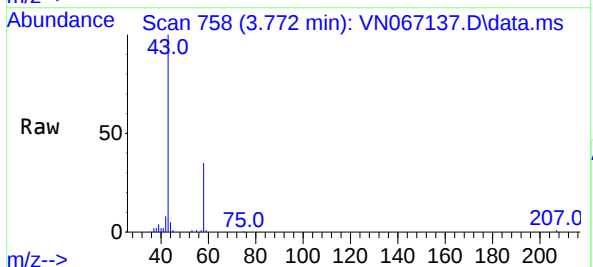
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-C

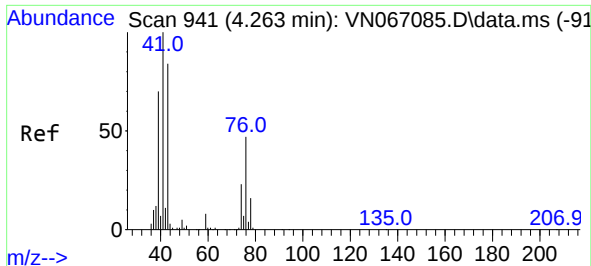
Tgt Ion:168 Resp: 613723
Ion Ratio Lower Upper
168 100
99 46.3 38.5 57.7



#16
Acetone
Concen: 57.67 ug/l
RT: 3.772 min Scan# 758
Delta R.T. 0.008 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

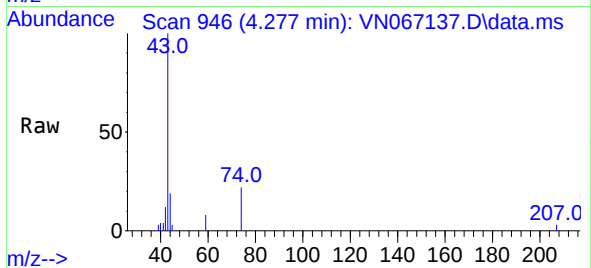
Tgt Ion: 43 Resp: 118830
Ion Ratio Lower Upper
43 100
58 35.1 27.2 40.8



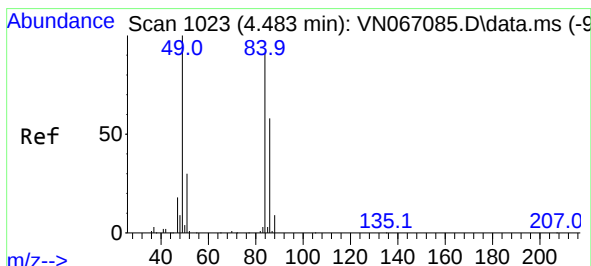
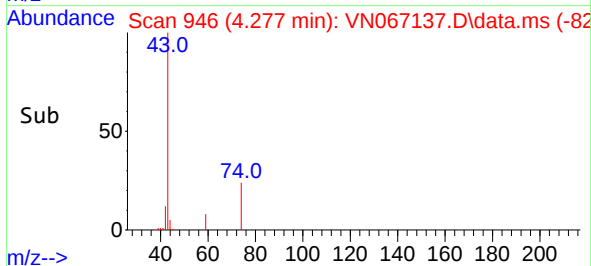
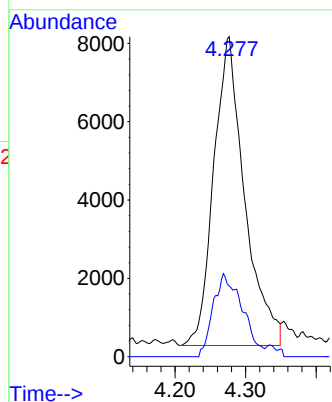


#18
Methyl Acetate
Concen: 3.91 ug/l
RT: 4.277 min Scan# 946
Delta R.T. 0.014 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-C

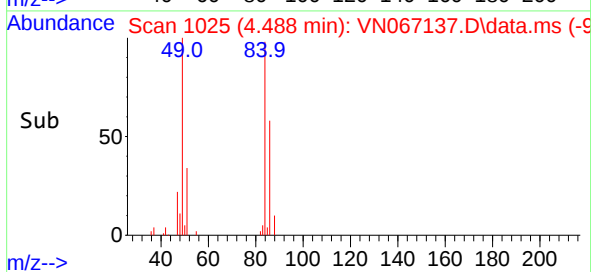
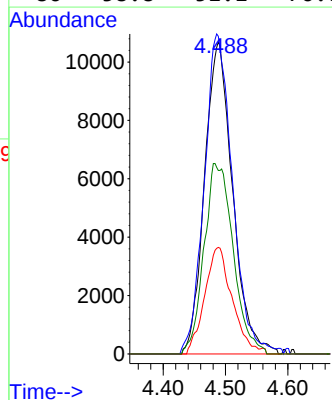
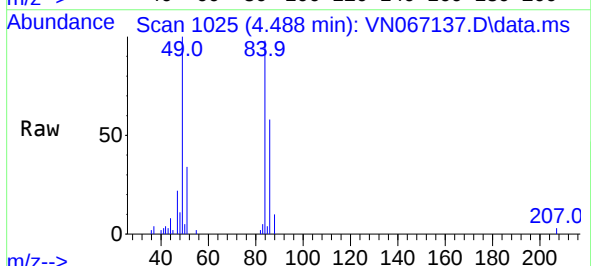


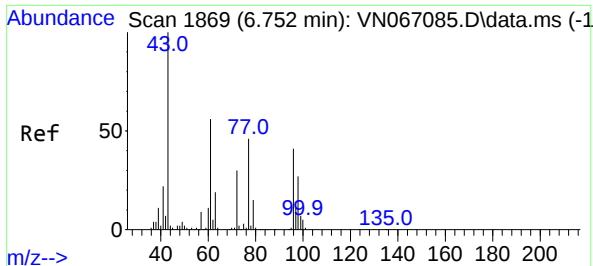
Tgt Ion: 43 Resp: 23969
Ion Ratio Lower Upper
43 100
74 25.4 21.4 32.2



#20
Methylene Chloride
Concen: 5.03 ug/l
RT: 4.488 min Scan# 1025
Delta R.T. 0.005 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Tgt Ion: 84 Resp: 33458
Ion Ratio Lower Upper
84 100
49 101.8 88.3 132.5
51 34.1 26.7 40.1
86 58.8 51.1 76.7

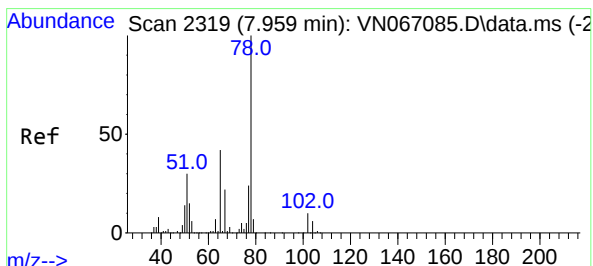
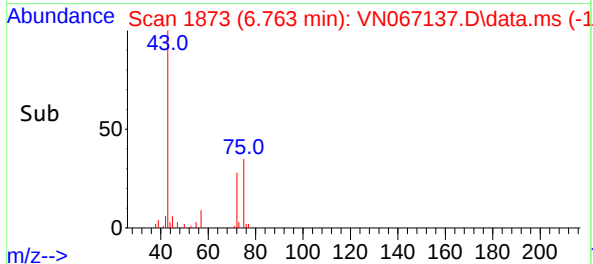
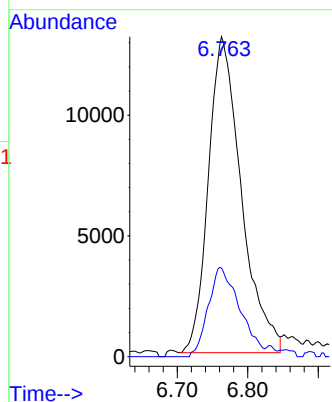
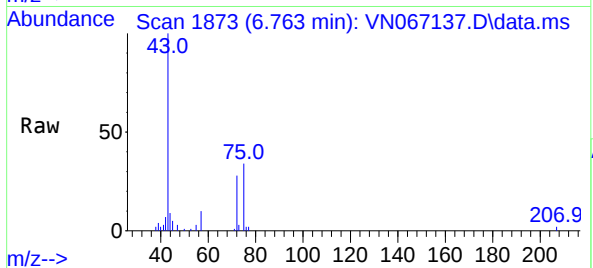




#25
2-Butanone
Concen: 13.23 ug/l
RT: 6.763 min Scan# 1873
Delta R.T. 0.011 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

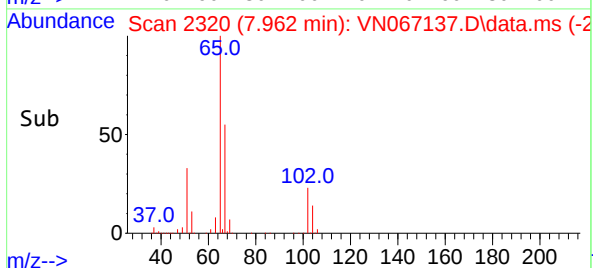
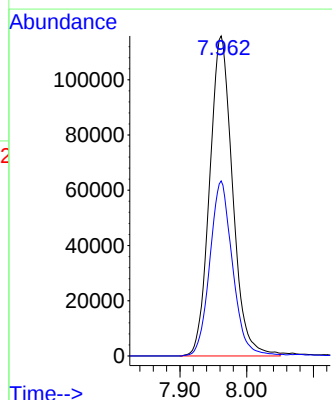
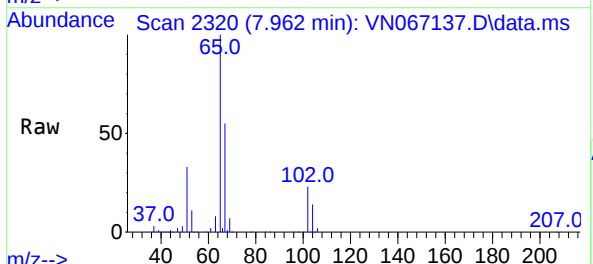
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-C

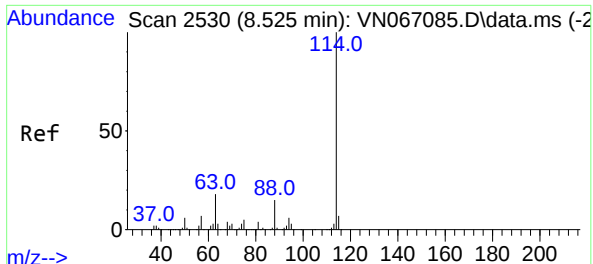
Tgt Ion: 43 Resp: 42499
Ion Ratio Lower Upper
43 100
72 28.0 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 41.78 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Tgt Ion: 65 Resp: 276985
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.4



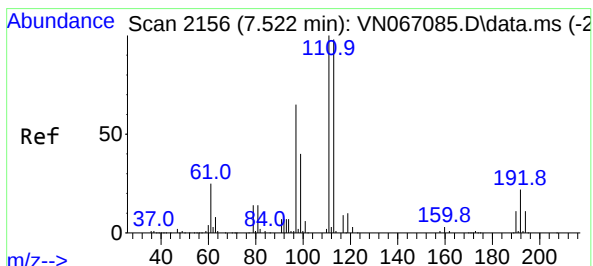
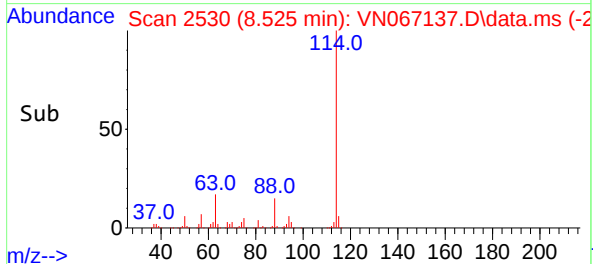
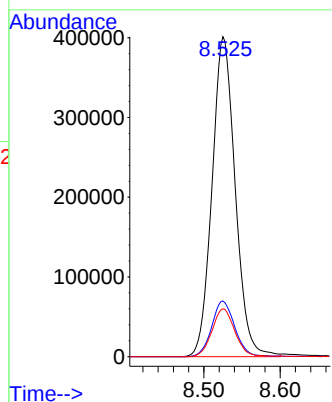
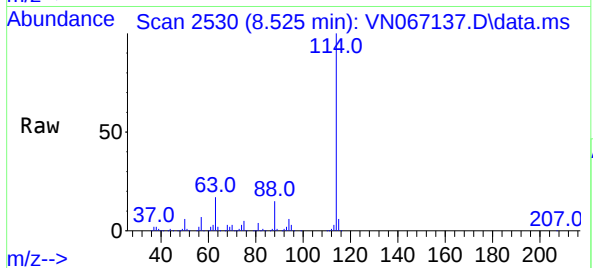


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Instrument :
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ClientSampleId :
JG-SPOILS-5-11-21-C

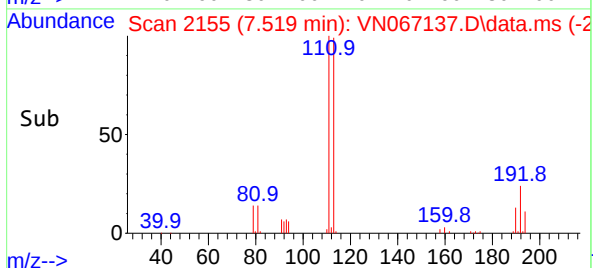
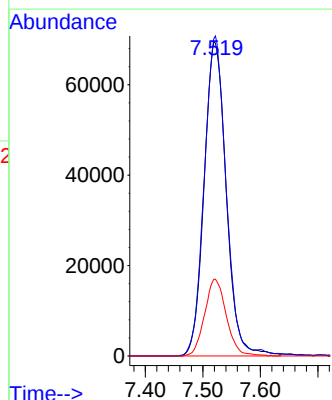
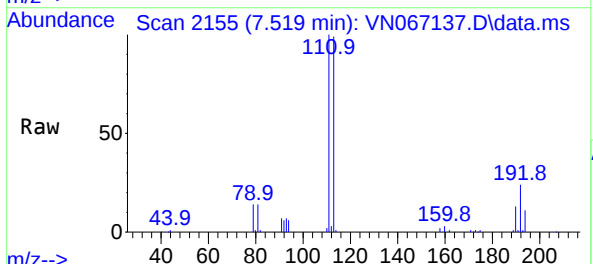
Tgt Ion:114 Resp: 846210
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.8
88 15.0 0.0 30.4

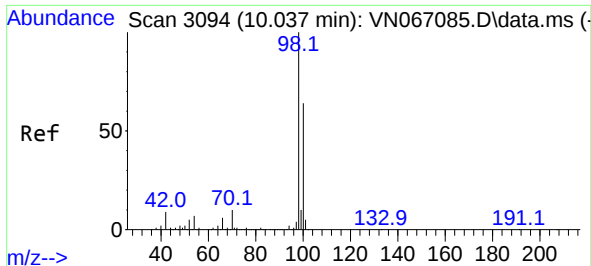


#35

Dibromofluoromethane
Concen: 33.34 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

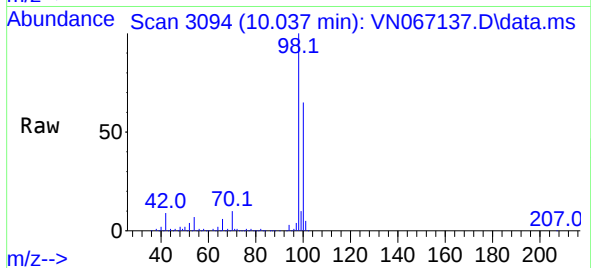
Tgt Ion:113 Resp: 185242
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 24.1 18.2 27.4



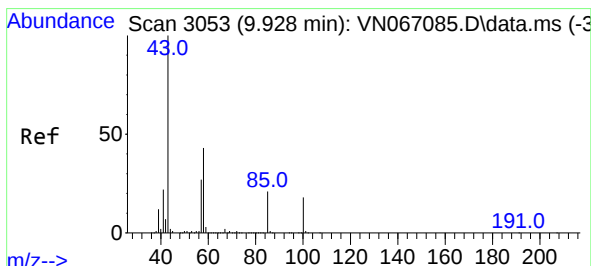
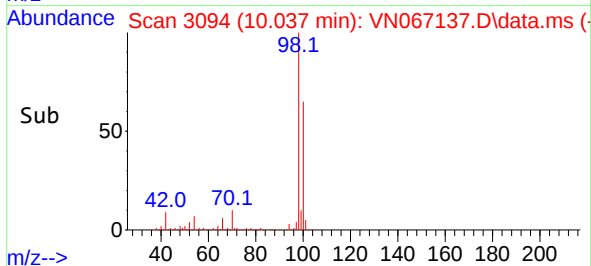
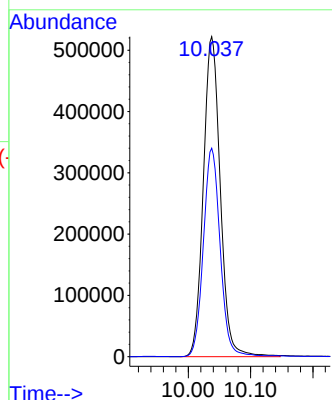


#50
Toluene-d8
Concen: 46.87 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-C

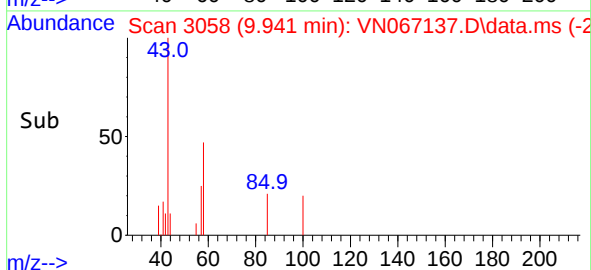
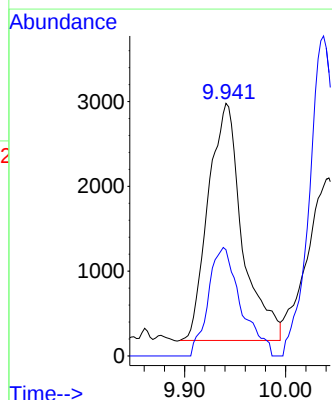
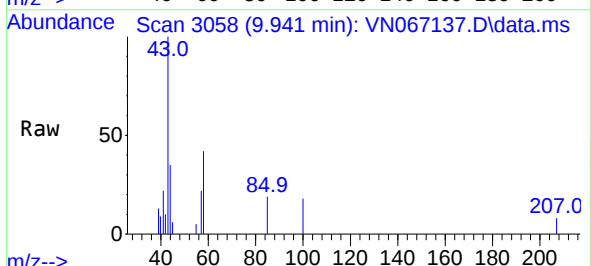


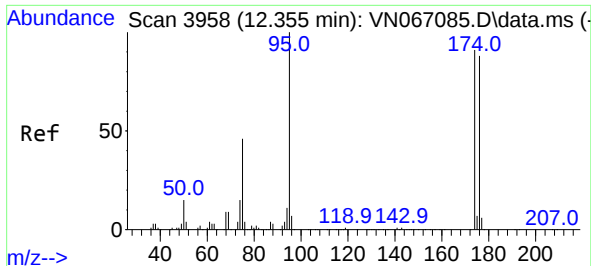
Tgt Ion: 98 Resp: 987115
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 6.34 ug/l
RT: 9.941 min Scan# 3058
Delta R.T. 0.013 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
58 43.8 34.5 51.7

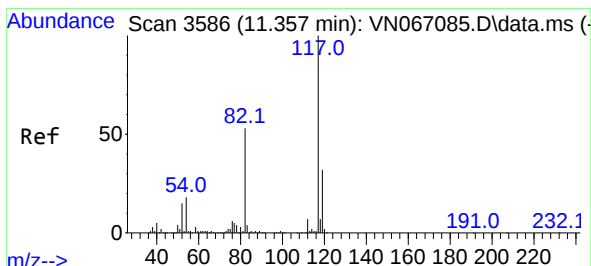
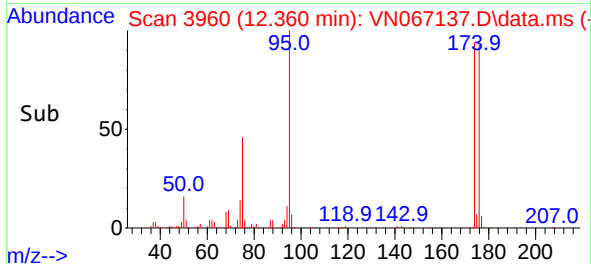
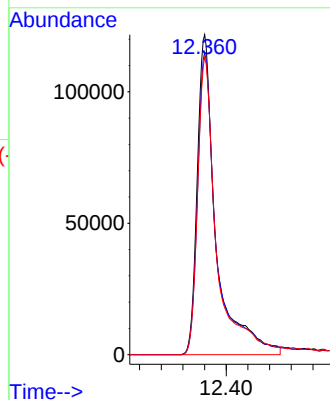
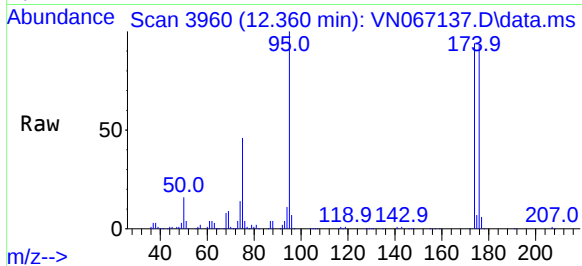




#62
4-Bromofluorobenzene
Concen: 41.65 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

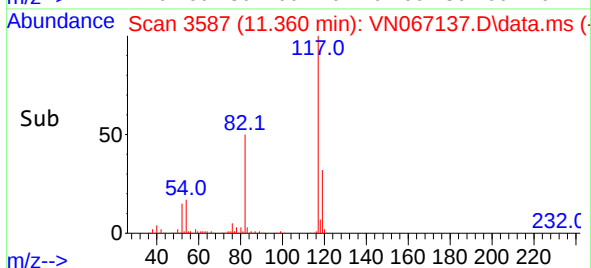
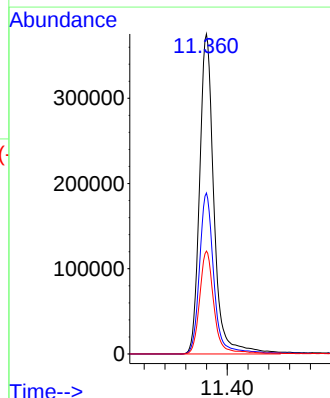
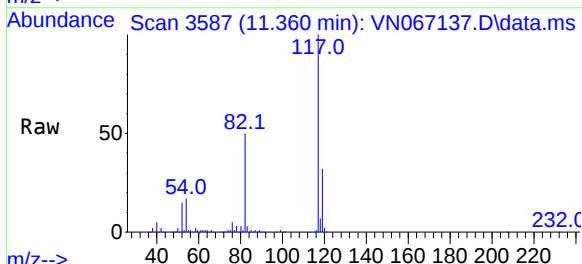
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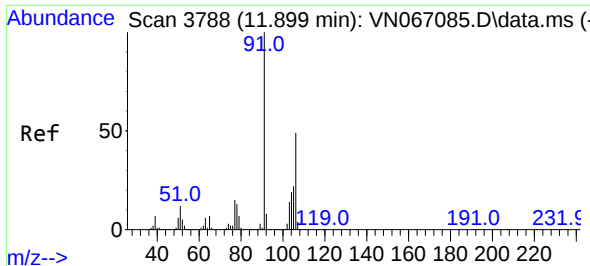
Tgt Ion: 95 Resp: 293790
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.8
176 93.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Tgt Ion: 117 Resp: 723022
Ion Ratio Lower Upper
117 100
82 50.3 42.2 63.2
119 32.2 25.8 38.6

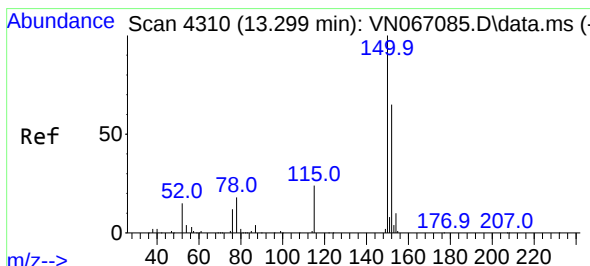
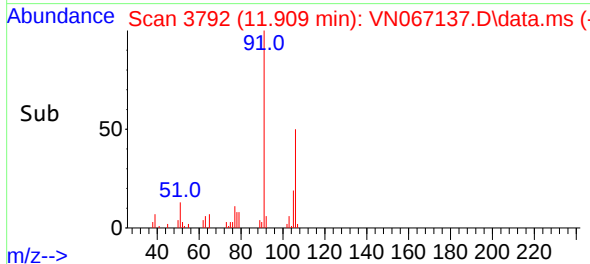
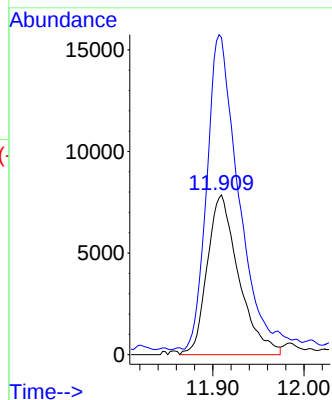
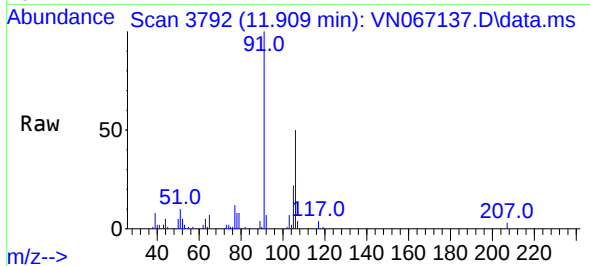




#69
o-Xylene
Concen: 1.79 ug/l
RT: 11.909 min Scan# 3792
Delta R.T. 0.010 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-C

Tgt Ion:106 Resp: 18875
Ion Ratio Lower Upper
106 100
91 192.5 102.3 306.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067137.D
Acq: 18 May 2021 19:15

Tgt Ion:152 Resp: 273955
Ion Ratio Lower Upper
152 100
115 54.2 27.0 80.8
150 161.9 0.0 350.2

