

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067153.D
 Acq On : 19 May 2021 15:54
 Operator : JC/MD
 Sample : M2366-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 20 01:56:33 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)

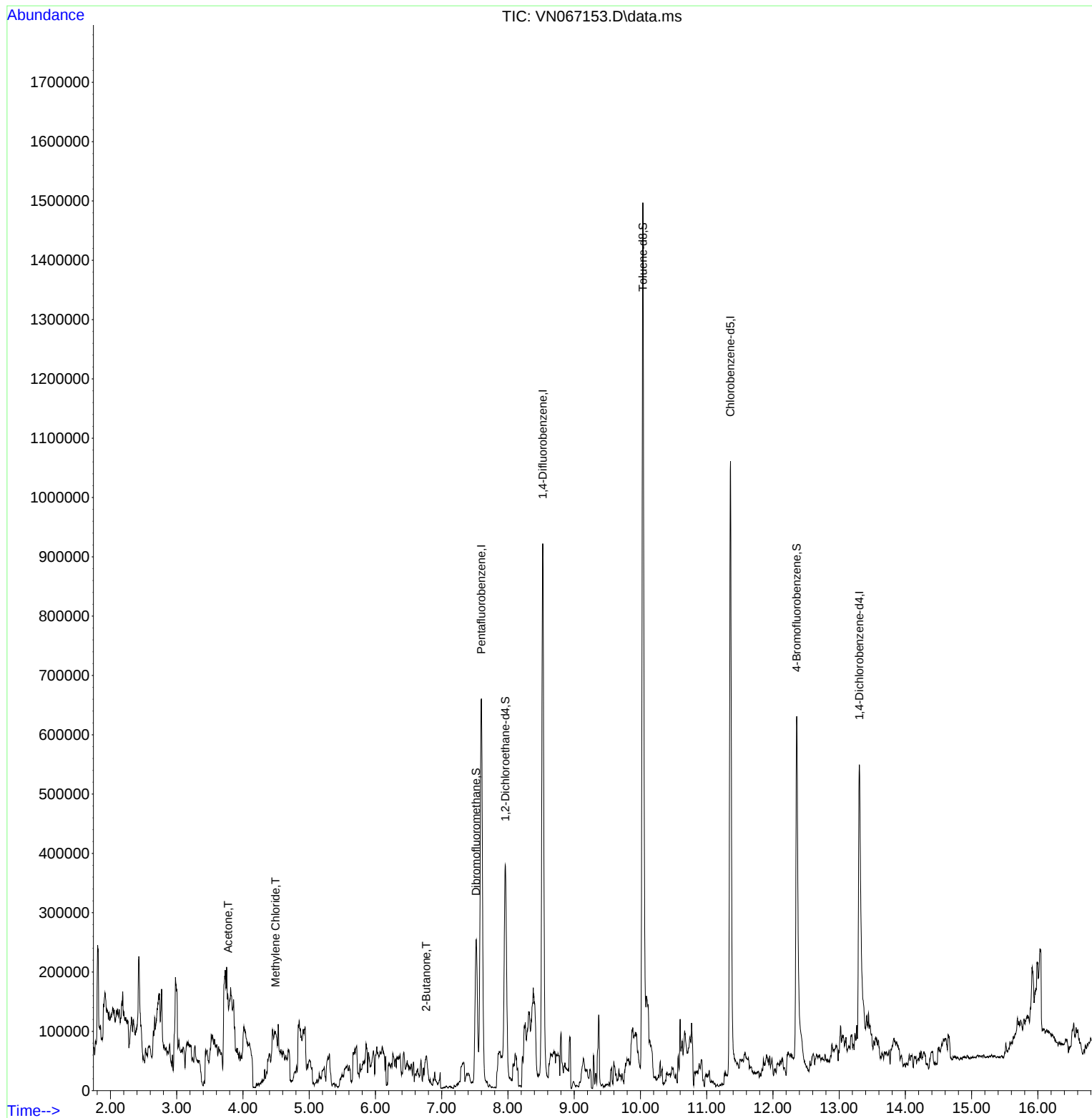
Internal Standards						
1) Pentafluorobenzene	7.599	168	636249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	870945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	747233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	252895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	301470	43.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.72%		
35) Dibromofluoromethane	7.519	113	197874	34.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	69.20%		
50) Toluene-d8	10.037	98	1089405	50.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.52%		
62) 4-Bromofluorobenzene	12.360	95	308247	42.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.92%		
Target Compounds						Qvalue
16) Acetone	3.775	43	126382	59.16	ug/l	100
20) Methylene Chloride	4.491	84	31665	4.60	ug/l	92
25) 2-Butanone	6.765	43	31946	9.59	ug/l	90

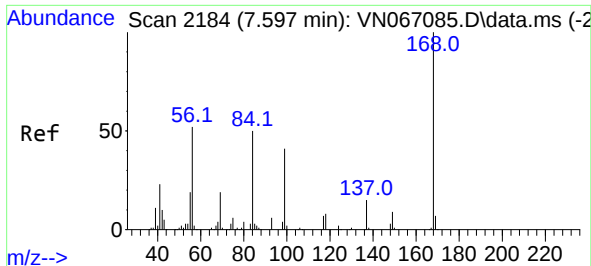
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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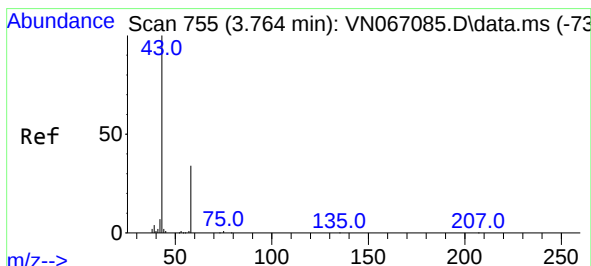
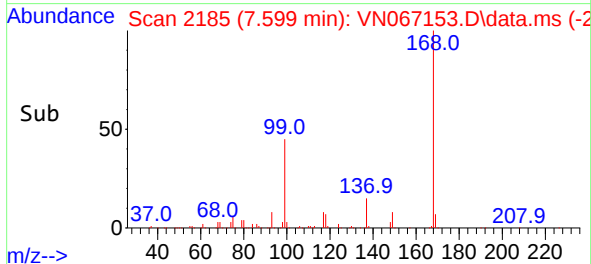
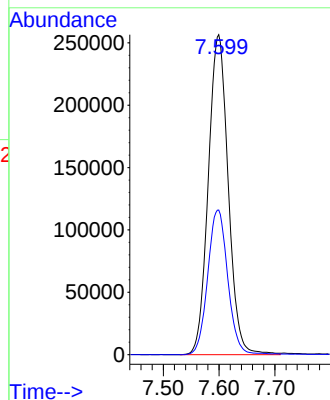
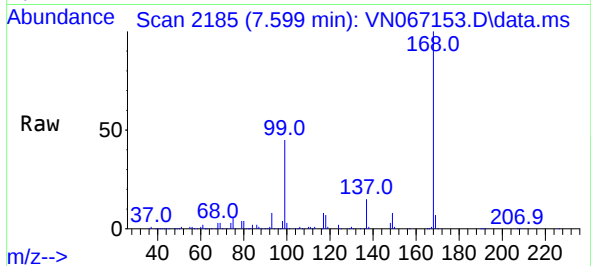




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.599 min Scan# 2185
Delta R.T. 0.002 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

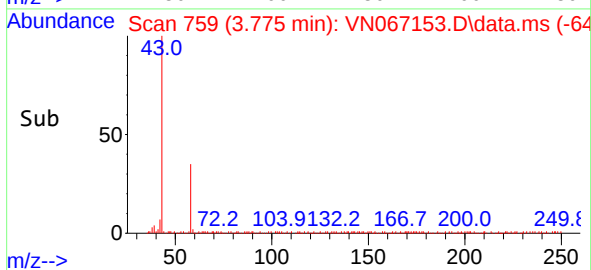
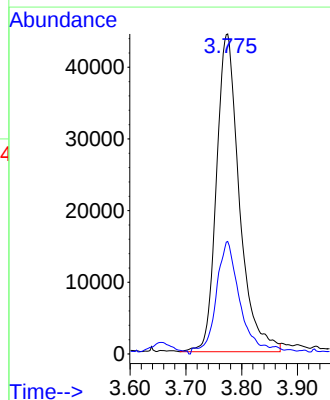
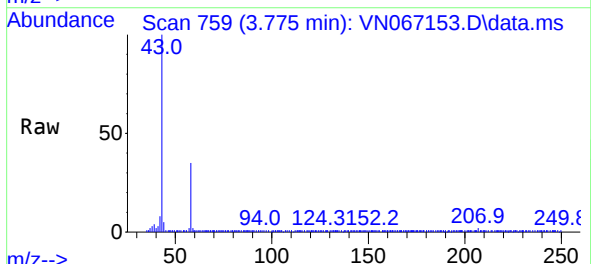
Instrument :
MSVOA_N
ClientSampleId :
JG-SPOILS-5-11-21-BRE

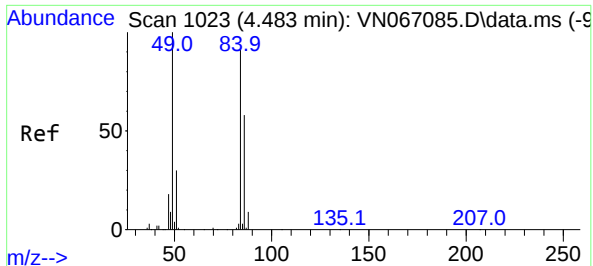
Tgt Ion:168 Resp: 636249
Ion Ratio Lower Upper
168 100
99 45.2 38.5 57.7



#16
Acetone
Concen: 59.16 ug/l
RT: 3.775 min Scan# 759
Delta R.T. 0.011 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

Tgt Ion: 43 Resp: 126382
Ion Ratio Lower Upper
43 100
58 34.3 27.2 40.8

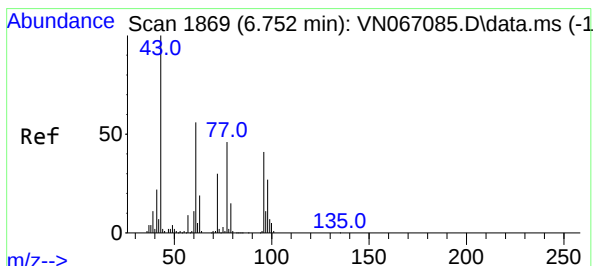
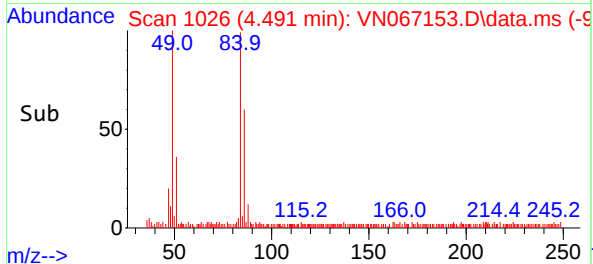
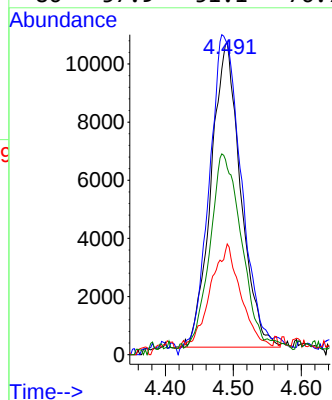
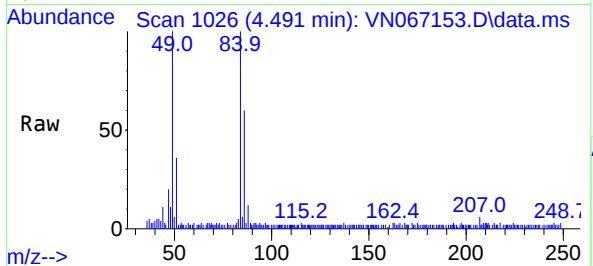




#20
Methylene Chloride
Concen: 4.60 ug/l
RT: 4.491 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

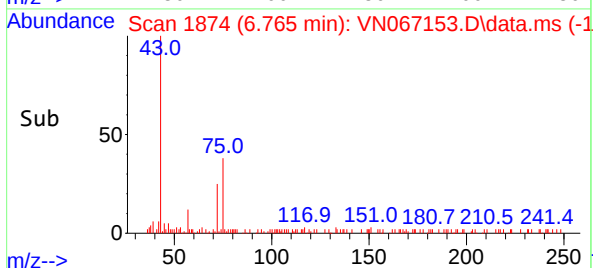
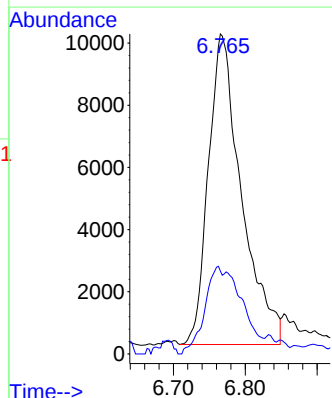
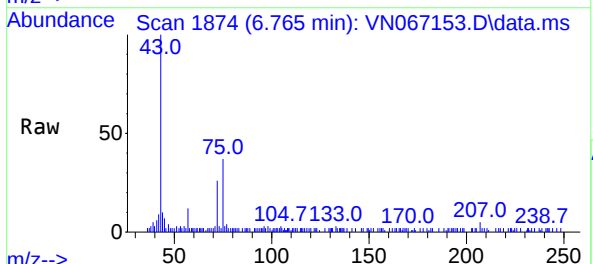
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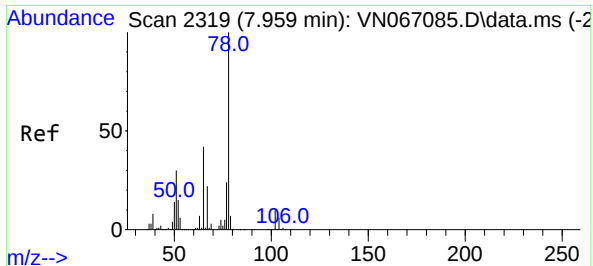
Tgt Ion:	84	Resp:	31665
Ion	Ratio	Lower	Upper
84	100		
49	100.2	88.3	132.5
51	34.3	26.7	40.1
86	57.9	51.1	76.7



#25
2-Butanone
Concen: 9.59 ug/l
RT: 6.765 min Scan# 1874
Delta R.T. 0.013 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

Tgt Ion:	43	Resp:	31946
Ion	Ratio	Lower	Upper
43	100		
72	24.8	24.4	36.6

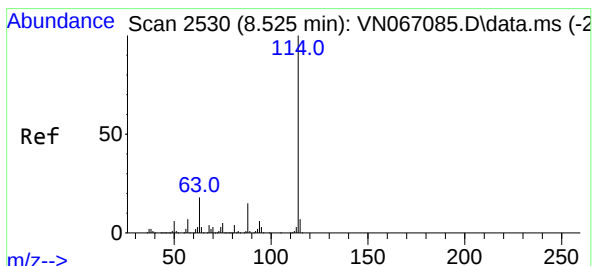
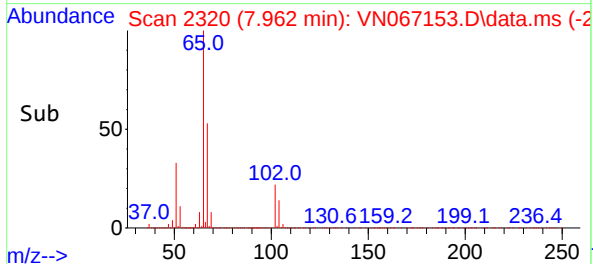
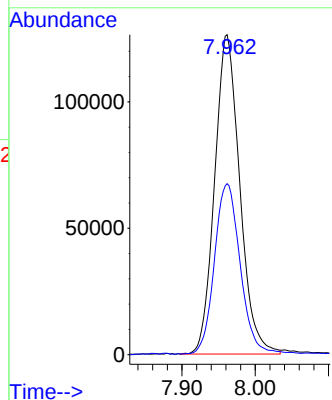
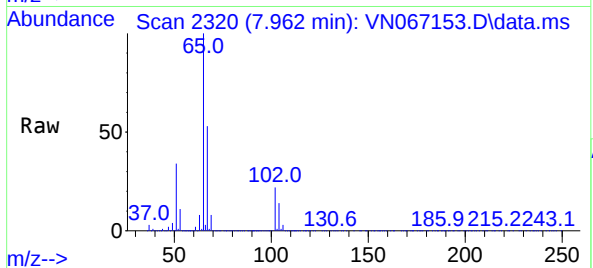




#33
1,2-Dichloroethane-d4
Concen: 43.86 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

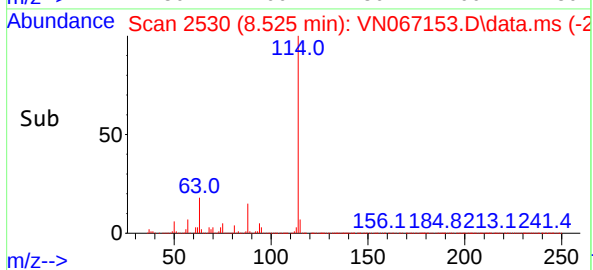
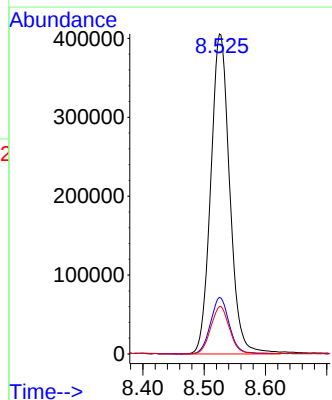
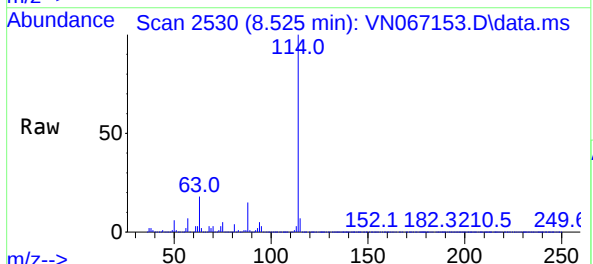
Instrument :
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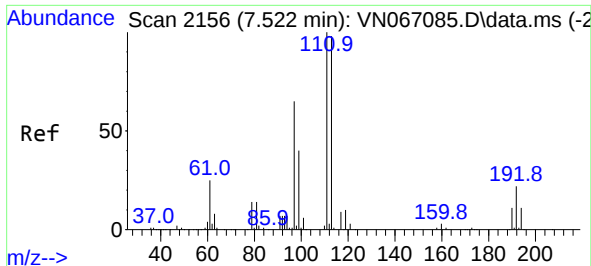
Tgt Ion: 65 Resp: 301470
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

Tgt Ion: 114 Resp: 870945
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 14.7 0.0 30.4

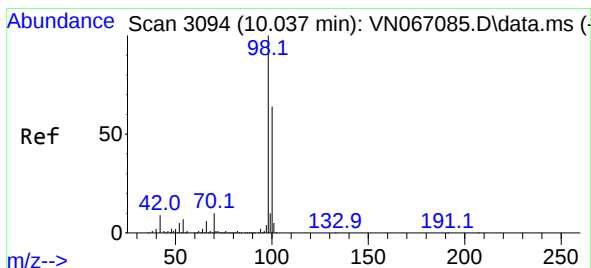
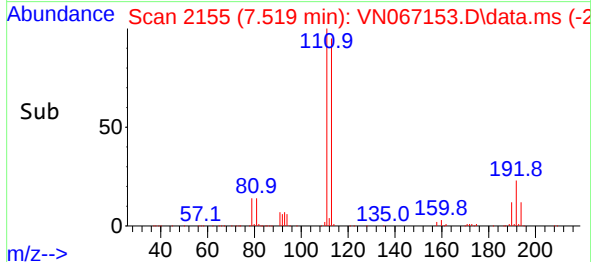
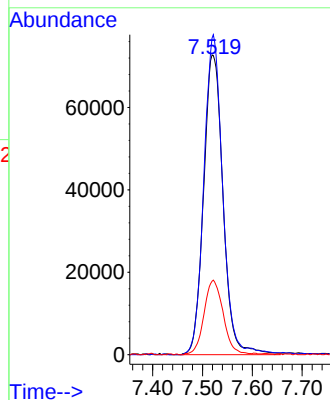
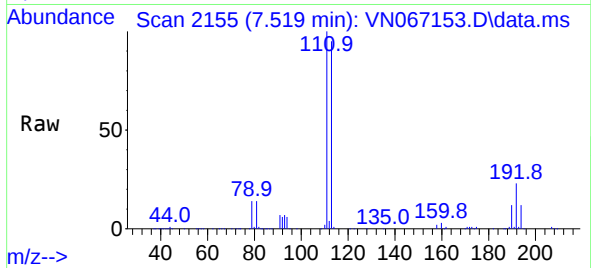




#35
Dibromofluoromethane
Concen: 34.60 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

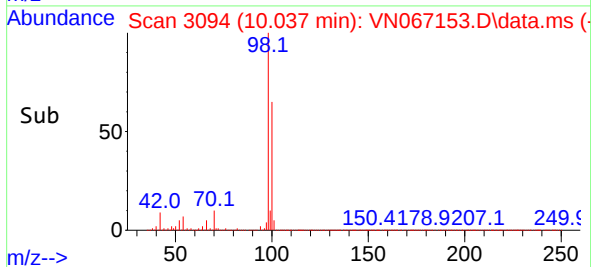
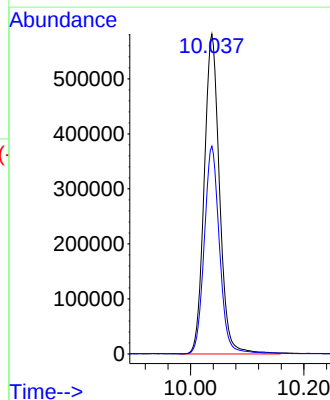
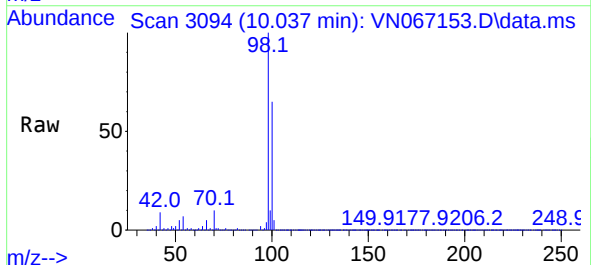
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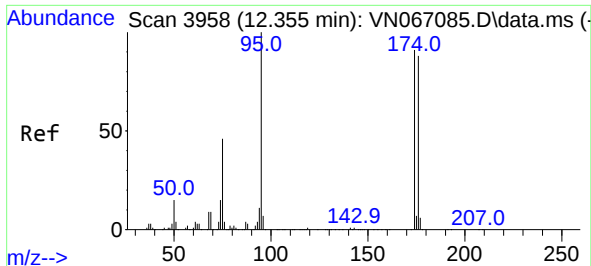
Tgt Ion:113 Resp: 197874
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 24.5 18.2 27.4



#50
Toluene-d8
Concen: 50.26 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

Tgt Ion: 98 Resp: 1089405
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

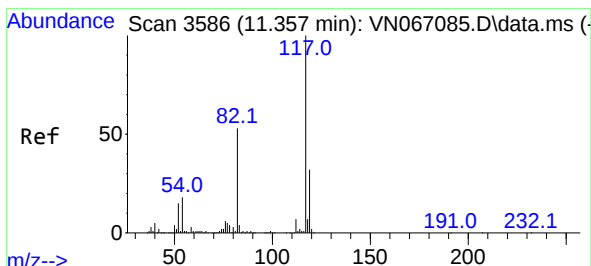
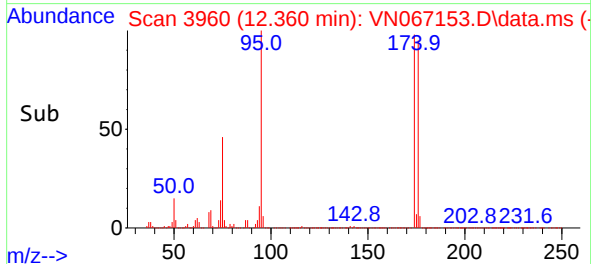
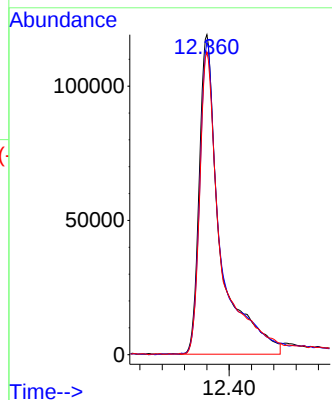
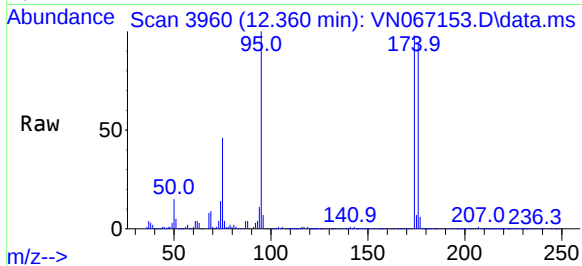




#62
4-Bromofluorobenzene
Concen: 42.46 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

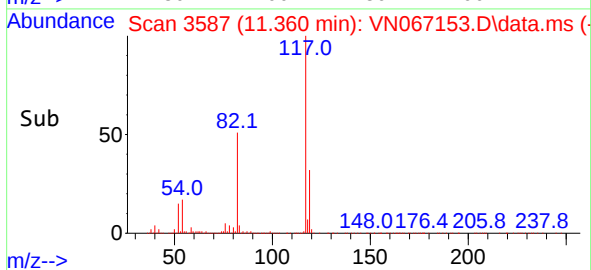
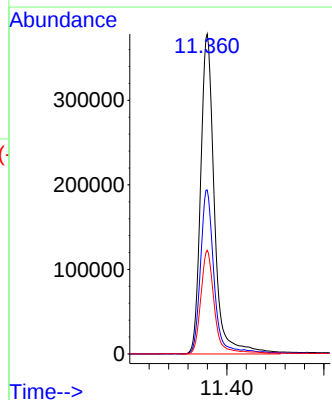
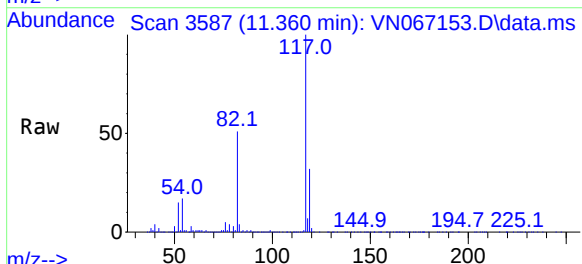
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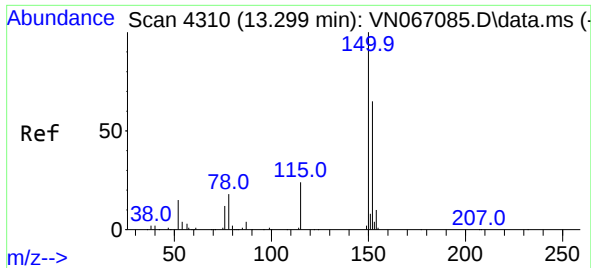
Tgt Ion: 95 Resp: 308247
Ion Ratio Lower Upper
95 100
174 97.1 0.0 182.8
176 95.3 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067153.D
Acq: 19 May 2021 15:54

Tgt Ion: 117 Resp: 747233
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 32.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.304 min Scan# 4312
 Delta R.T. 0.005 min
 Lab File: VN067153.D
 Acq: 19 May 2021 15:54

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

Tgt Ion:	152	Resp:	252895
Ion	Ratio	Lower	Upper
152	100		
115	52.3	27.0	80.8
150	174.3	0.0	350.2

