

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067152.D
 Acq On : 19 May 2021 15:31
 Operator : JC/MD
 Sample : M2366-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 20 01:56:10 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)

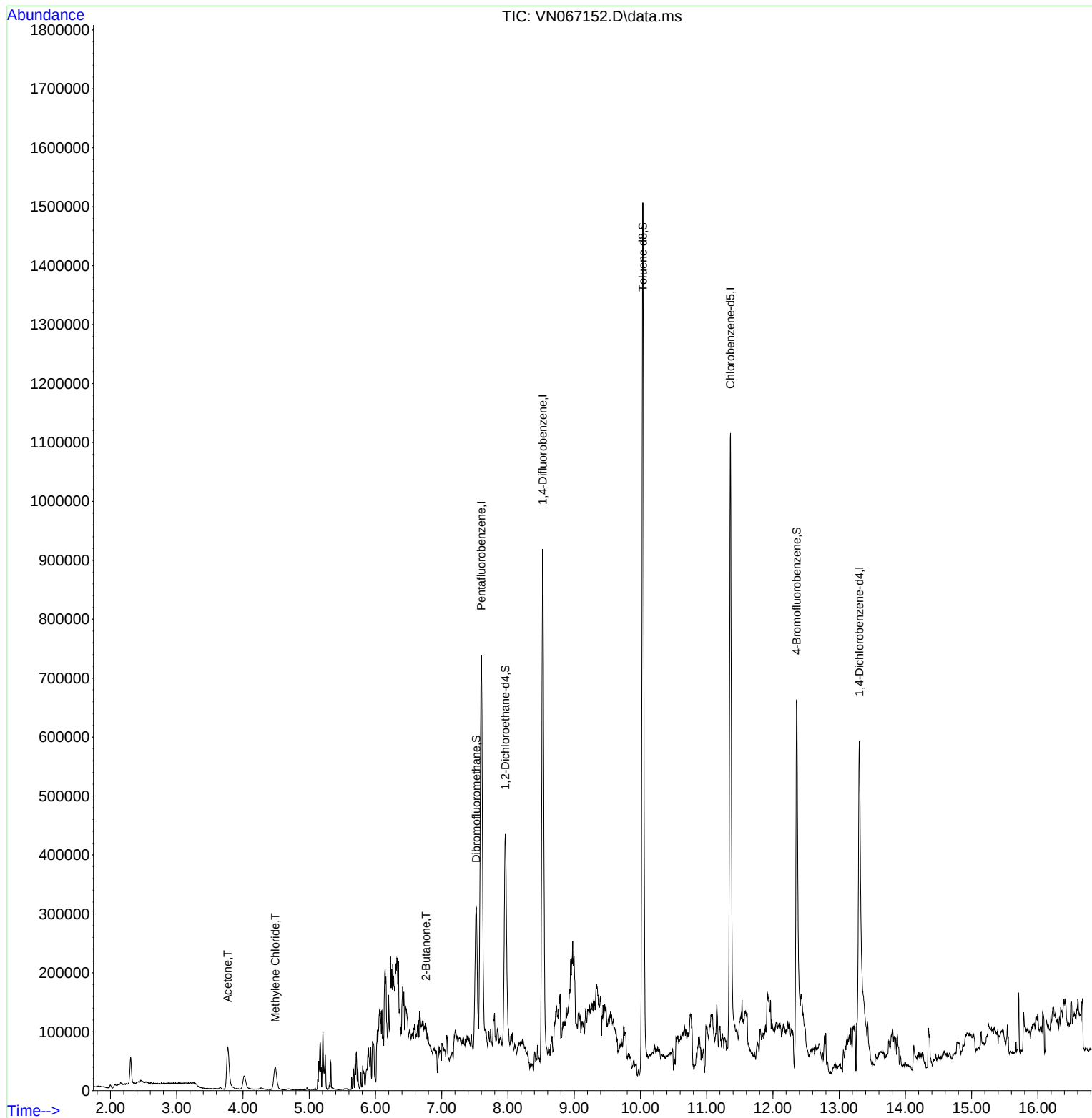
Internal Standards						
1) Pentafluorobenzene	7.600	168	653916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	897361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	744842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	300945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	311927	44.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.30%
35) Dibromofluoromethane	7.522	113	197353	33.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	66.98%#
50) Toluene-d8	10.037	98	1136796	50.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.360	95	337498	45.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.24%
Target Compounds						
					Qvalue	
16) Acetone	3.770	43	124802	56.84	ug/l	95
20) Methylene Chloride	4.488	84	33026	4.67	ug/l	96
25) 2-Butanone	6.763	43	34885	10.19	ug/l	89

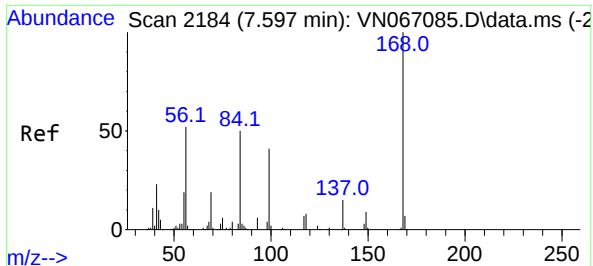
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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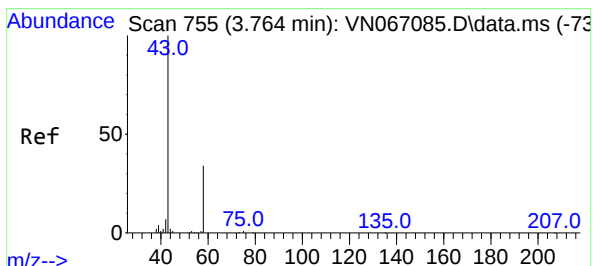
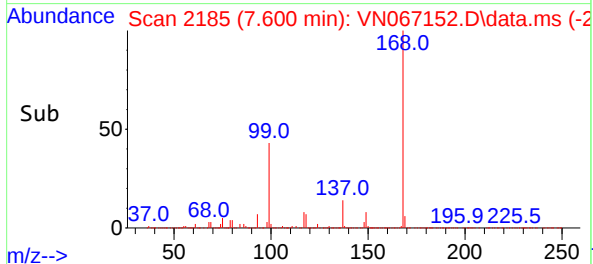
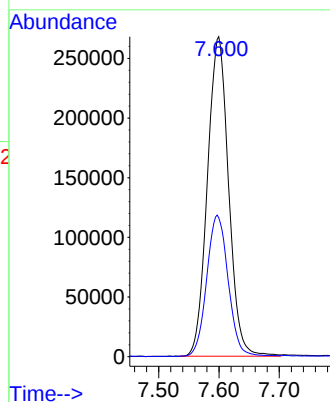
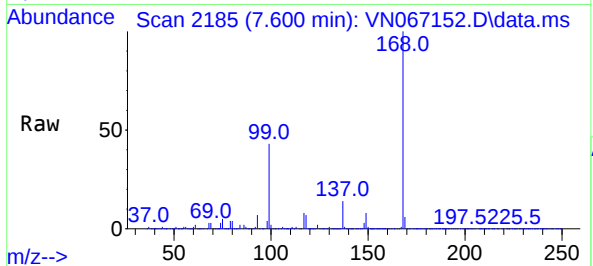




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

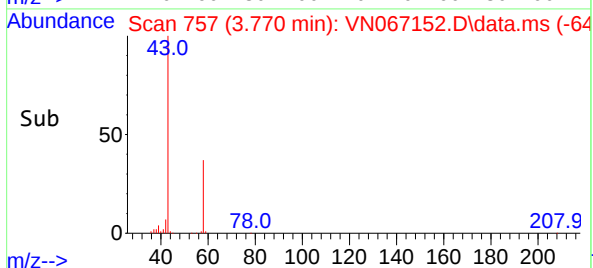
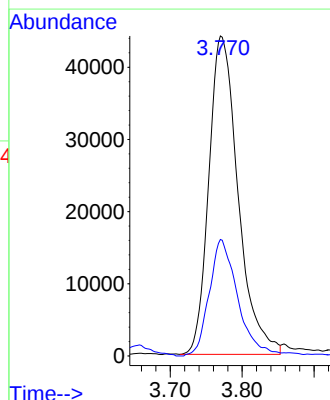
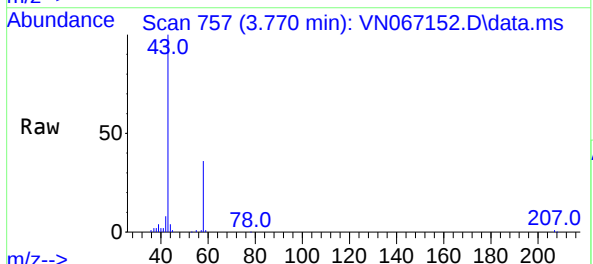
Instrument :
MSVOA_N
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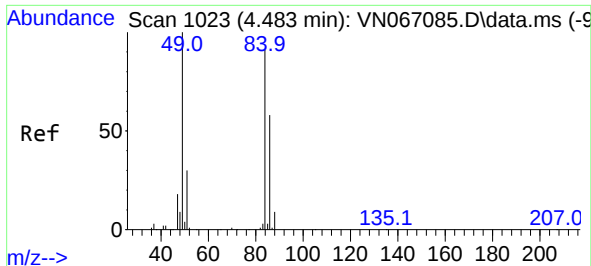
Tgt Ion:168 Resp: 653916
Ion Ratio Lower Upper
168 100
99 43.3 38.5 57.7



#16
Acetone
Concen: 56.84 ug/l
RT: 3.770 min Scan# 757
Delta R.T. 0.006 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

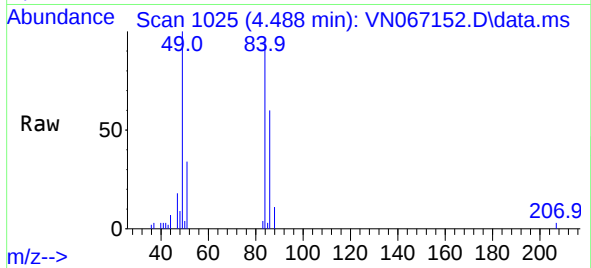
Tgt Ion: 43 Resp: 124802
Ion Ratio Lower Upper
43 100
58 36.6 27.2 40.8



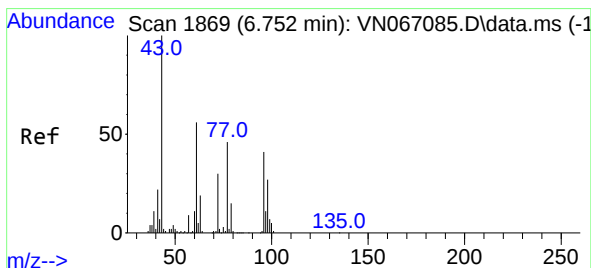
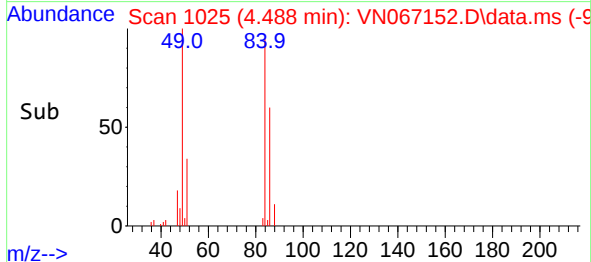
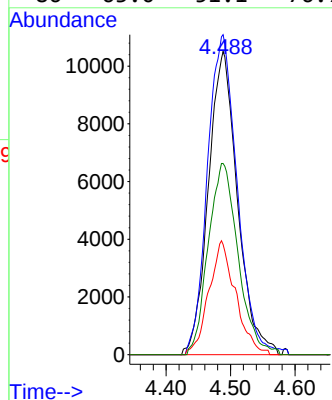


#20
Methylene Chloride
Concen: 4.67 ug/l
RT: 4.488 min Scan# 1025
Delta R.T. 0.005 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

Instrument :
MSVOA_N
ClientSampleId :
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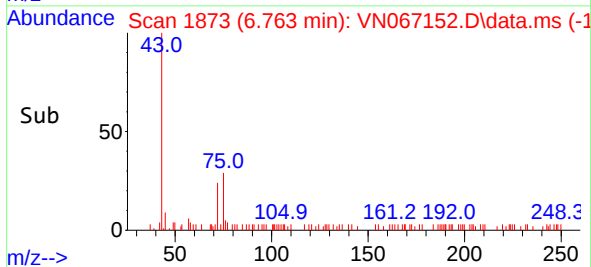
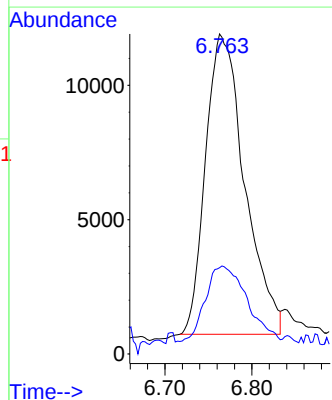
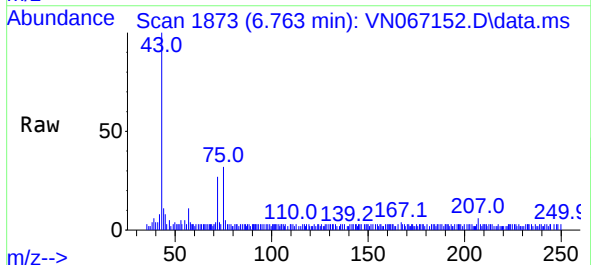


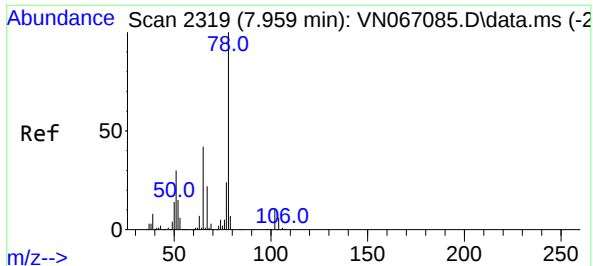
Tgt Ion:	84	Resp:	33026
Ion	Ratio	Lower	Upper
84	100		
49	105.5	88.3	132.5
51	36.4	26.7	40.1
86	63.0	51.1	76.7



#25
2-Butanone
Concen: 10.19 ug/l
RT: 6.763 min Scan# 1873
Delta R.T. 0.011 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

Tgt Ion:	43	Resp:	34885
Ion	Ratio	Lower	Upper
43	100		
72	24.6	24.4	36.6

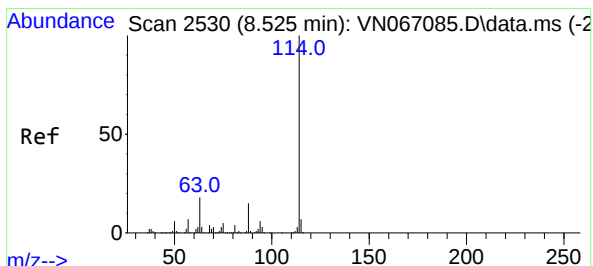
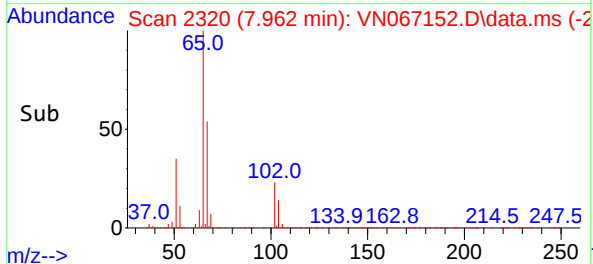
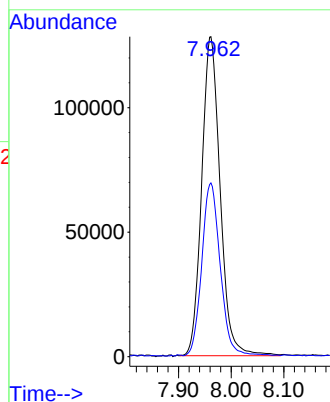
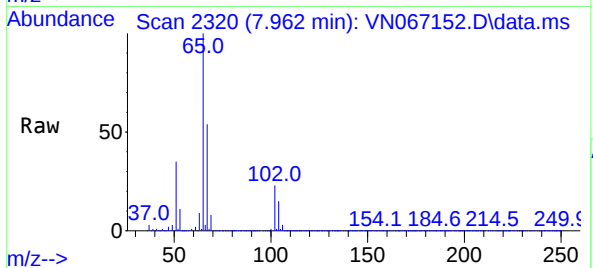




#33
1,2-Dichloroethane-d4
Concen: 44.15 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

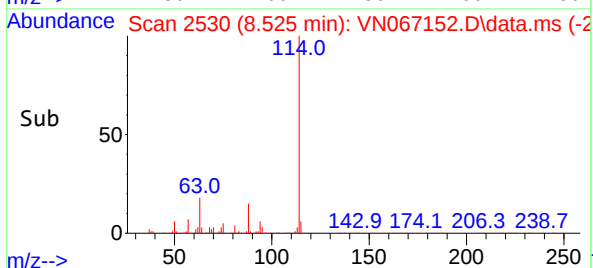
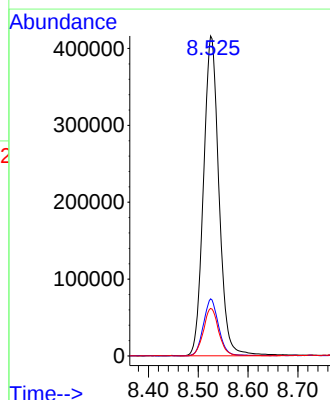
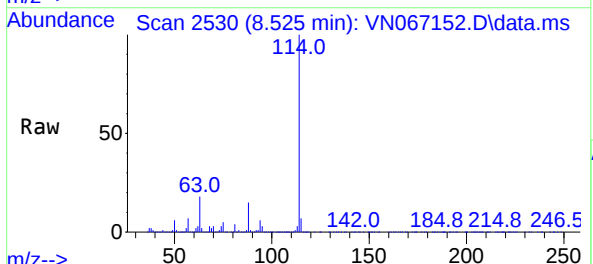
Instrument :
MSVOA_N
ClientSampleId :
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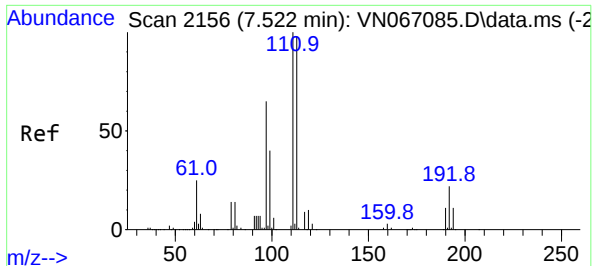
Tgt Ion: 65 Resp: 311927
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

Tgt Ion:114 Resp: 897361
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.8
88 14.8 0.0 30.4

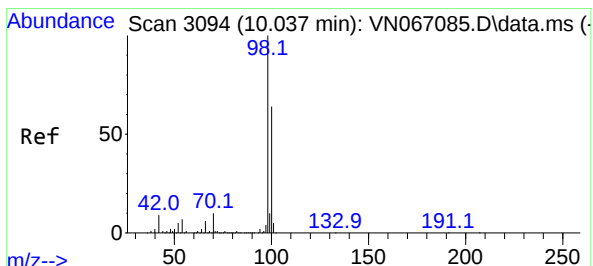
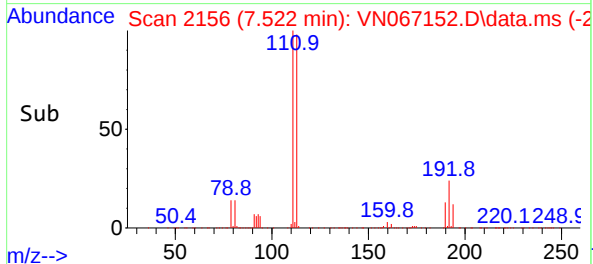
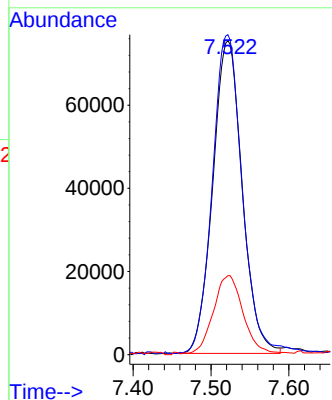
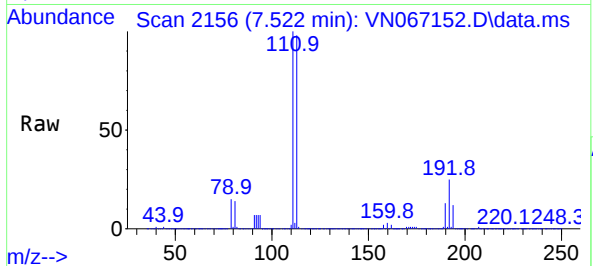




#35
Dibromofluoromethane
Concen: 33.49 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

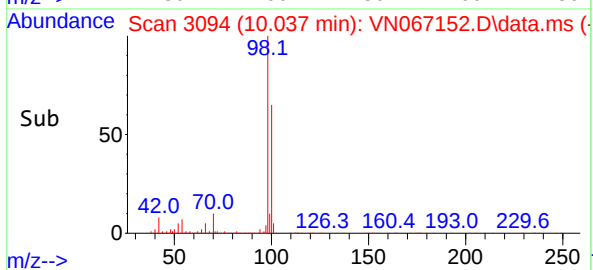
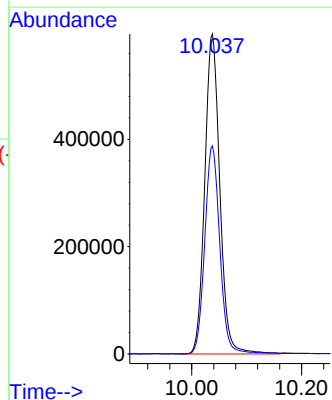
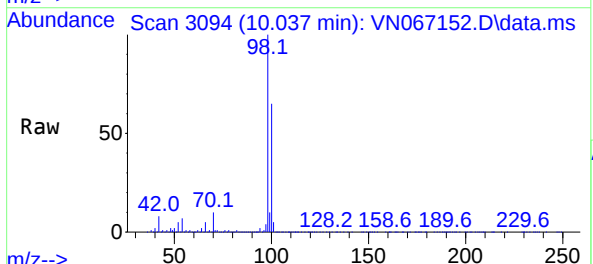
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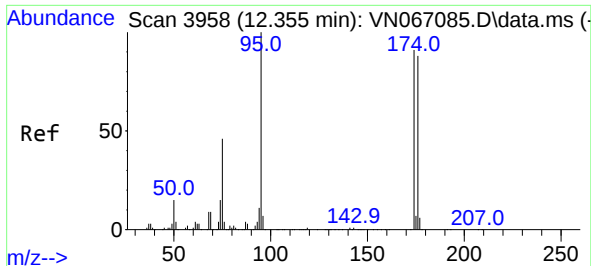
Tgt Ion:113 Resp: 197353
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 24.8 18.2 27.4



#50
Toluene-d8
Concen: 50.90 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

Tgt Ion: 98 Resp: 1136796
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

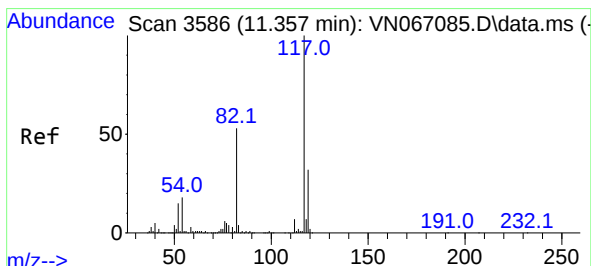
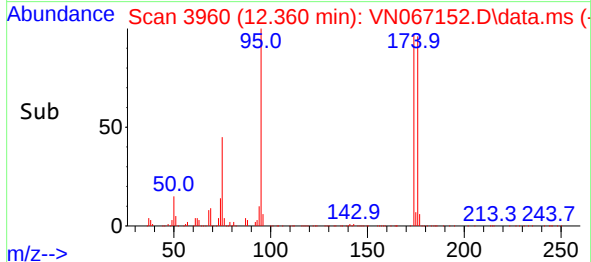
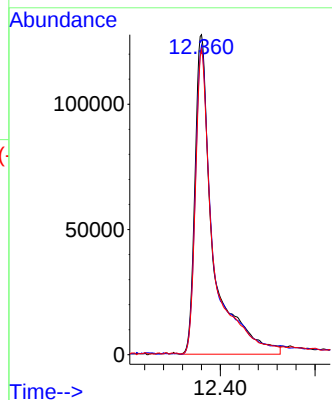
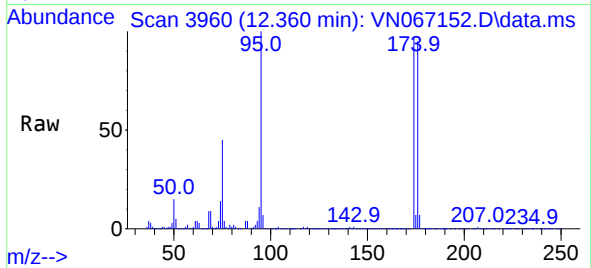




#62
4-Bromofluorobenzene
Concen: 45.12 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

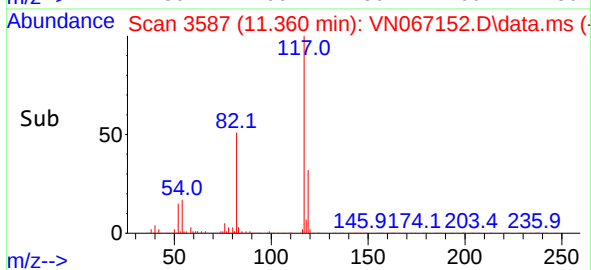
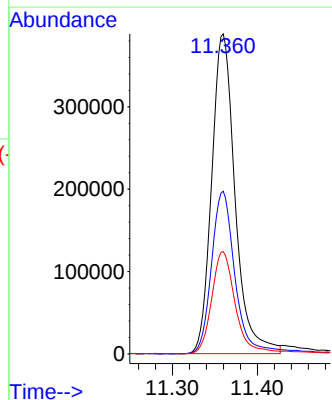
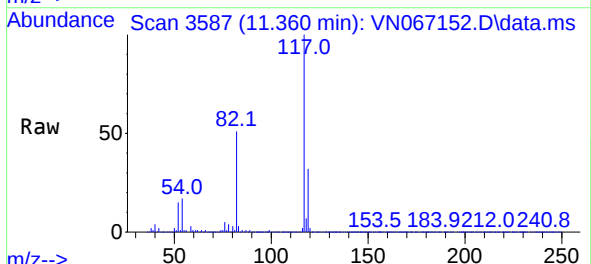
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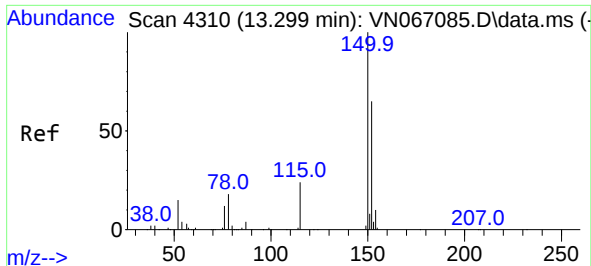
Tgt Ion: 95 Resp: 337498
Ion Ratio Lower Upper
95 100
174 95.0 0.0 182.8
176 94.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067152.D
Acq: 19 May 2021 15:31

Tgt Ion: 117 Resp: 744842
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.2
119 32.0 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: VN067152.D
 Acq: 19 May 2021 15:31

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

Tgt Ion:152 Resp: 300945

Ion	Ratio	Lower	Upper
152	100		
115	49.1	27.0	80.8
150	150.9	0.0	350.2

