

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067139.D
 Acq On : 18 May 2021 20:03
 Operator : JC/MD
 Sample : M2366-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
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 5/19/2021 4:00:12 PM

Quant Time: May 19 02:53:06 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	627822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	861938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	742363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	293509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	285746	42.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.26%		
35) Dibromofluoromethane	7.522	113	193766	34.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	68.48%#		
50) Toluene-d8	10.038	98	1001067	46.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.34%		
62) 4-Bromofluorobenzene	12.357	95	302966	42.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.32%		
Target Compounds						
						Qvalue
16) Acetone	3.772	43	121326	57.56	ug/l	98
18) Methyl Acetate	4.269	43	15453m	2.47	ug/l	
20) Methylene Chloride	4.491	84	31618	4.65	ug/l	97
25) 2-Butanone	6.763	43	34284	10.43	ug/l	93
51) 4-Methyl-2-Pentanone	9.936	43	7807	6.50	ug/l	88

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

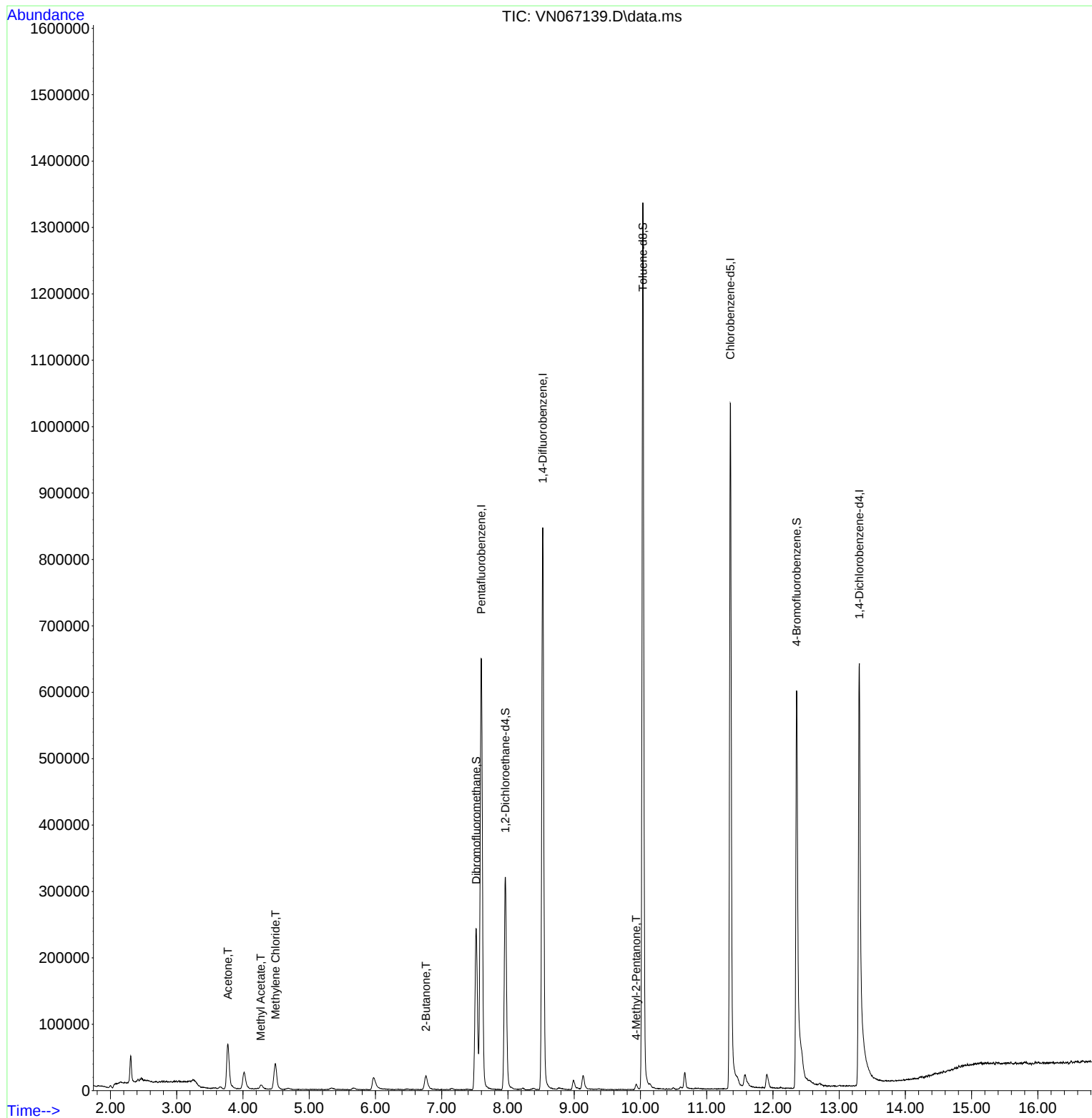
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
Data File : VN067139.D
Acq On : 18 May 2021 20:03
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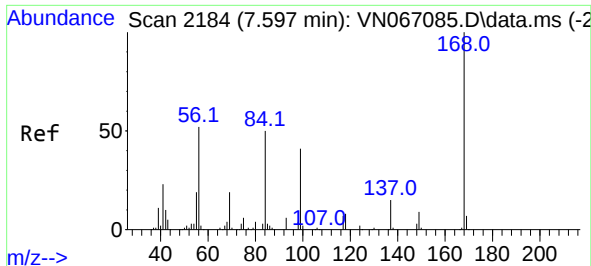
Instrument :
MSVOA_N
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JG-SPOILS-5-11-21-B

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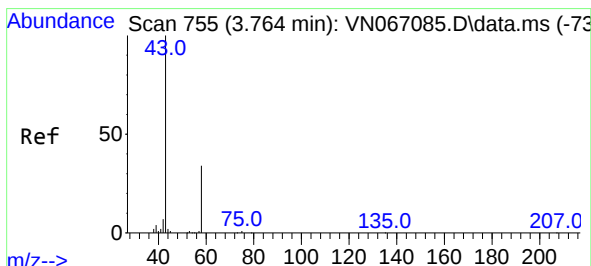
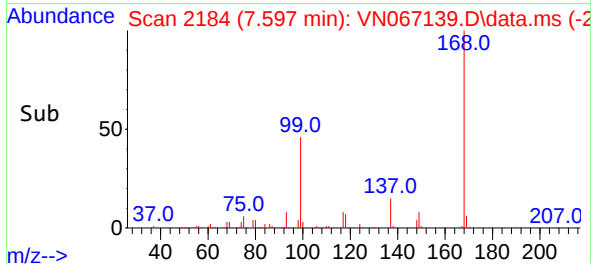
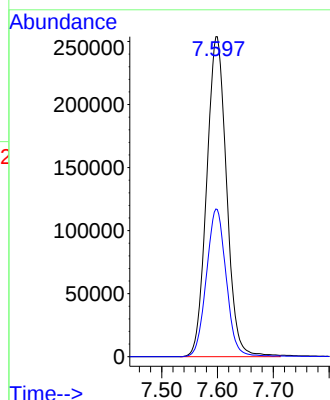
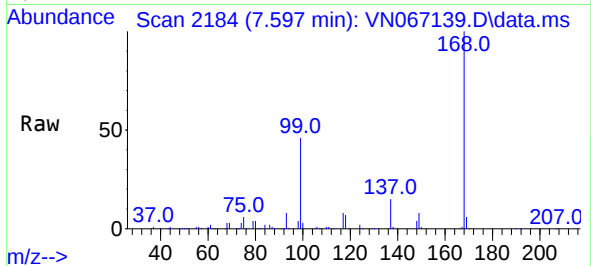
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion:168 Resp: 627822
Ion Ratio Lower Upper
168 100
99 46.2 38.5 57.7

Instrument :
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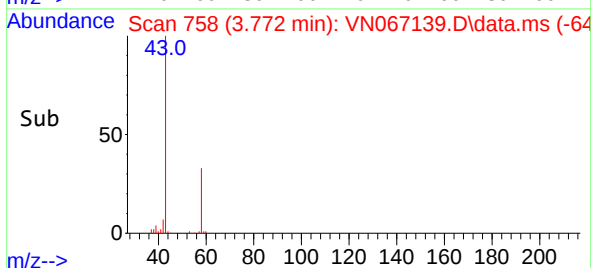
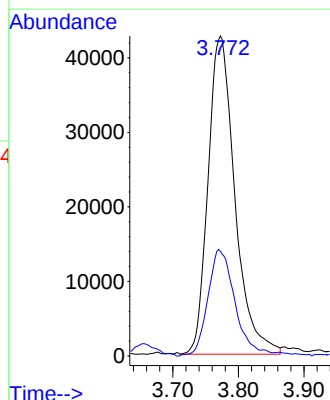
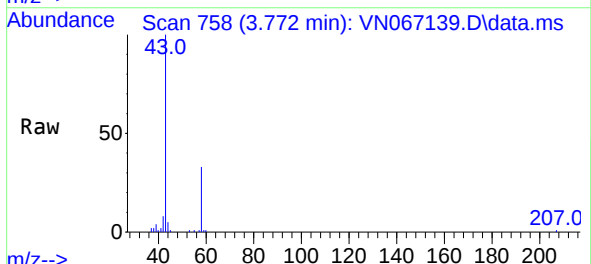
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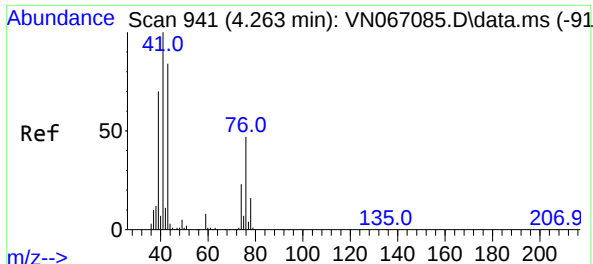
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#16
Acetone
Concen: 57.56 ug/l
RT: 3.772 min Scan# 758
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

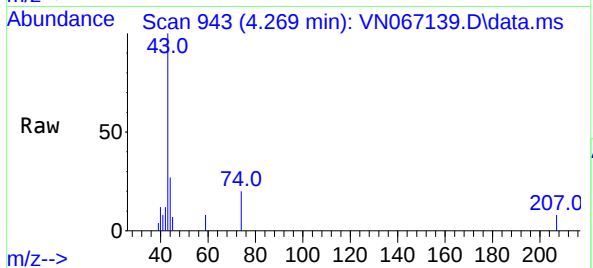
Tgt Ion: 43 Resp: 121326
Ion Ratio Lower Upper
43 100
58 32.9 27.2 40.8





#18
Methyl Acetate
Concen: 2.47 ug/l m
RT: 4.269 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

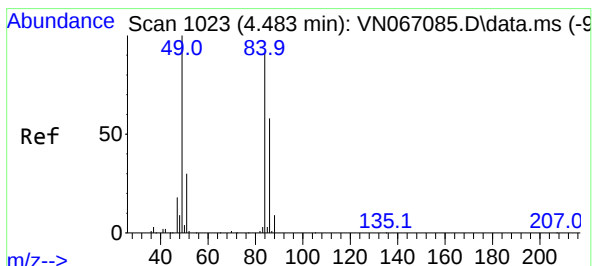
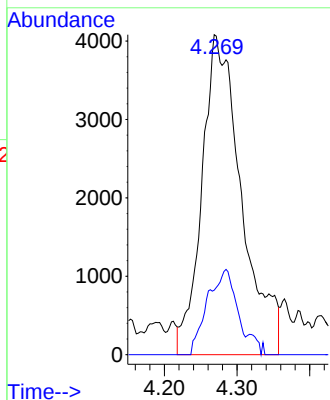
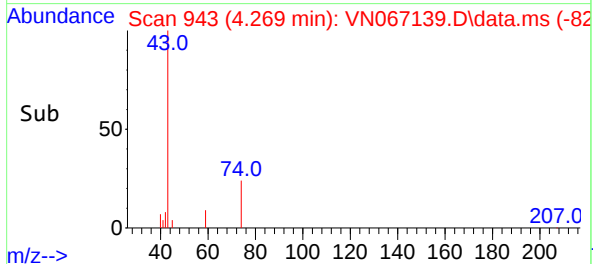
Instrument :
MSVOA_N
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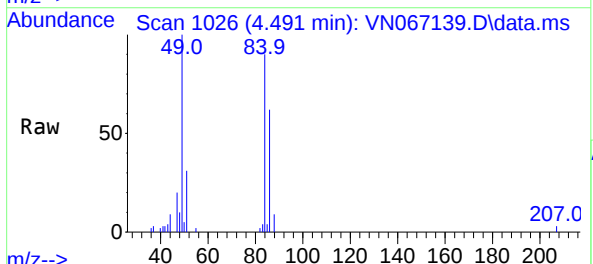
Tgt Ion: 43 Resp: 15453
Ion Ratio Lower Upper
43 100
74 19.1 21.4 32.2#

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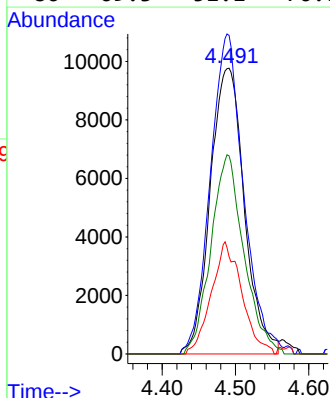
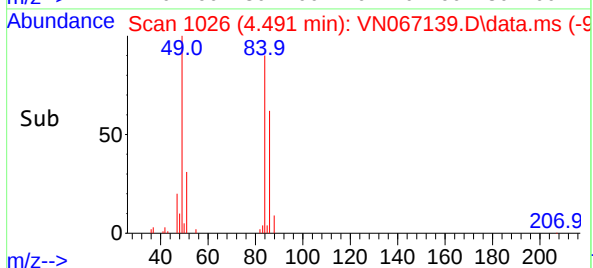
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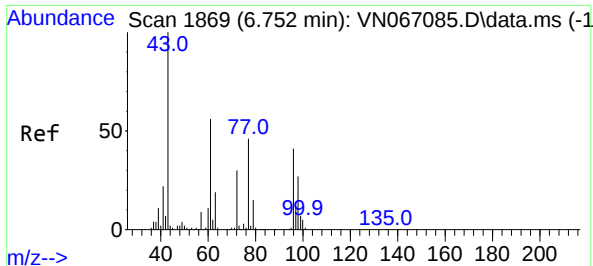


#20
Methylene Chloride
Concen: 4.65 ug/l
RT: 4.491 min Scan# 1026
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



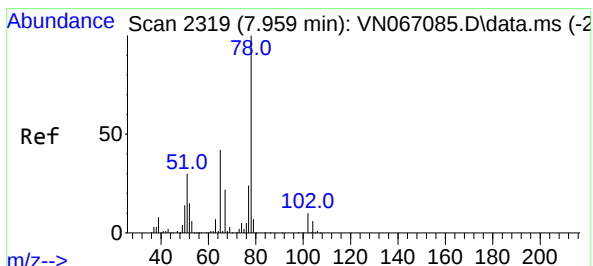
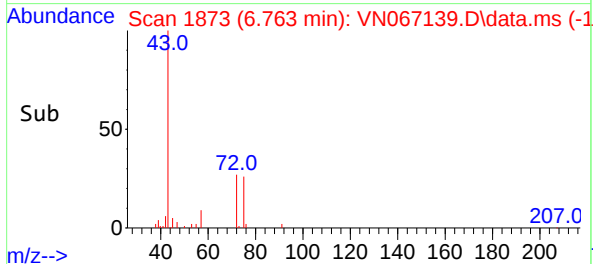
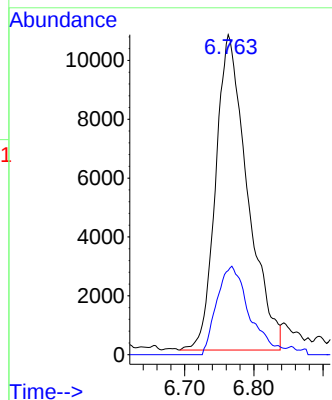
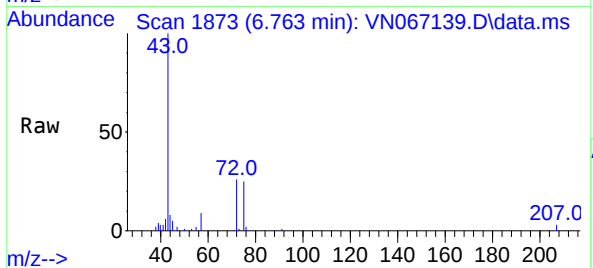
Tgt Ion: 84 Resp: 31618
Ion Ratio Lower Upper
84 100
49 111.5 88.3 132.5
51 34.1 26.7 40.1
86 69.3 51.1 76.7





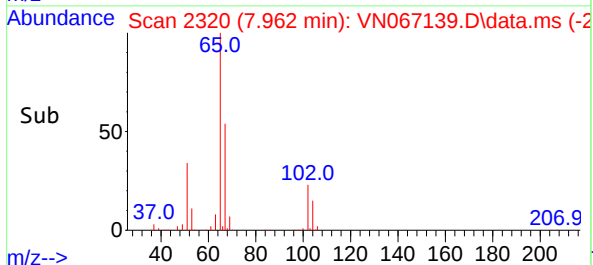
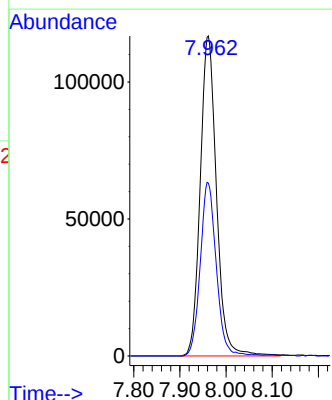
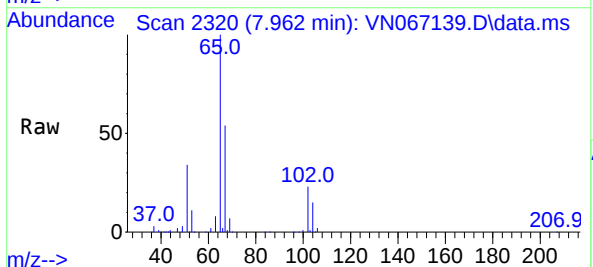
#25
2-Butanone
Concen: 10.43 ug/l
RT: 6.763 min Scan# 1873
Delta R.T. 0.011 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion: 43 Resp: 34284
Ion Ratio Lower Upper
43 100
72 26.7 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 42.13 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

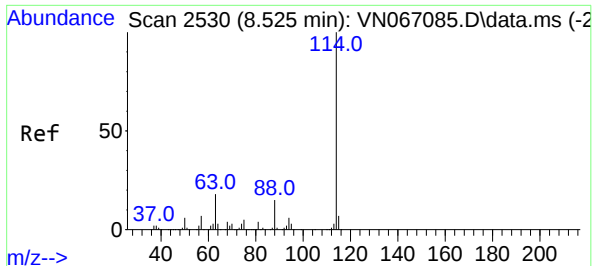
Tgt Ion: 65 Resp: 285746
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.4



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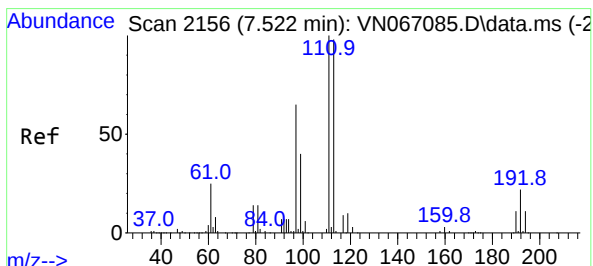
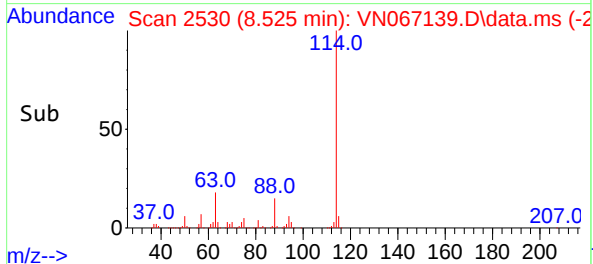
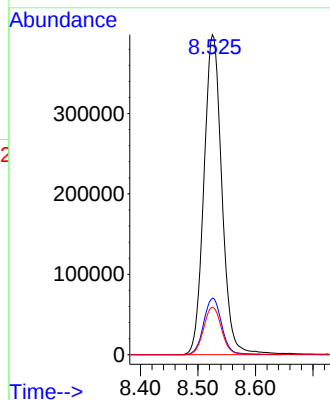
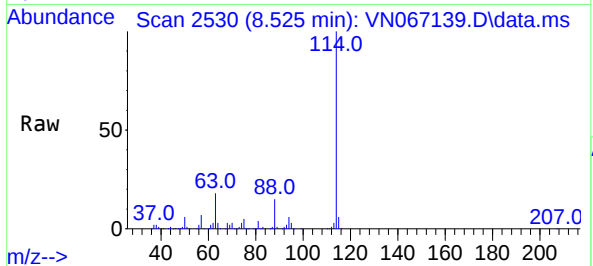
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion:114 Resp: 861938
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 14.9 0.0 30.4

Instrument :
MSVOA_N
ClientSampleId :
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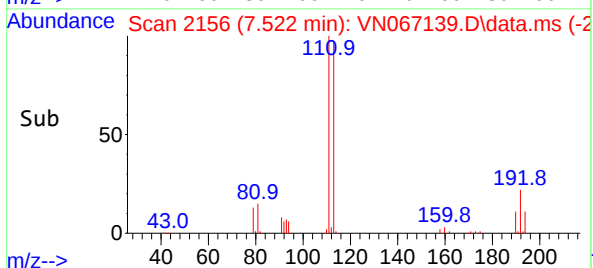
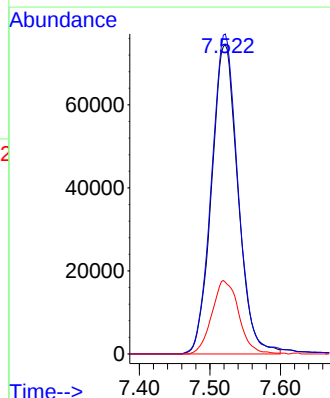
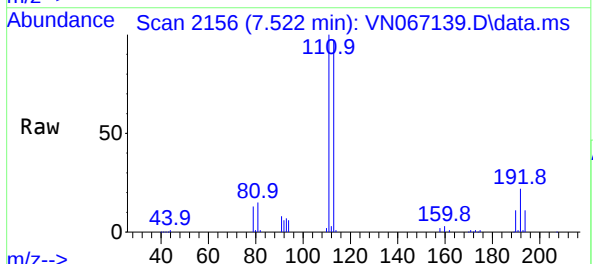
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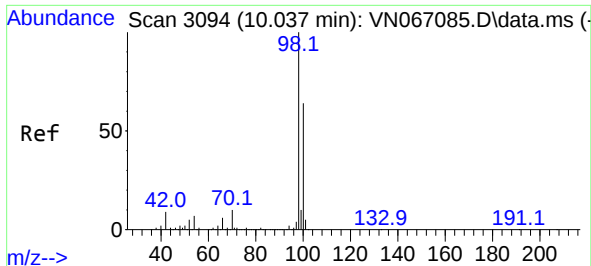
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#35
Dibromofluoromethane
Concen: 34.24 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

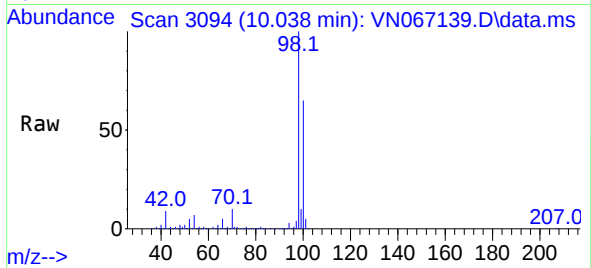
Tgt Ion:113 Resp: 193766
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 24.2 18.2 27.4





#50
Toluene-d8
Concen: 46.67 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

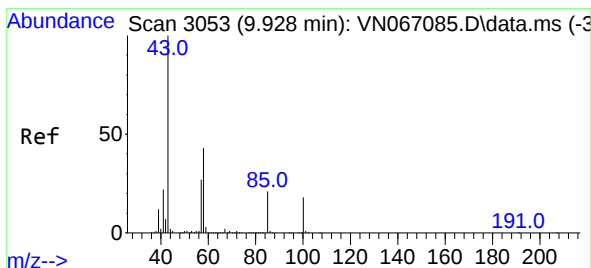
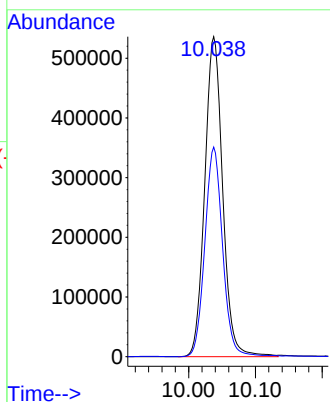
Instrument :
MSVOA_N
ClientSampleId :
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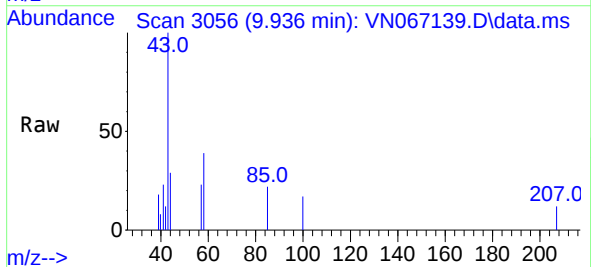
Tgt Ion: 98 Resp: 1001067
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8

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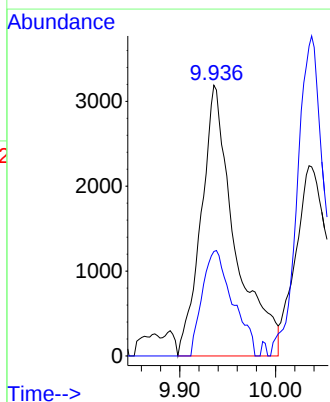
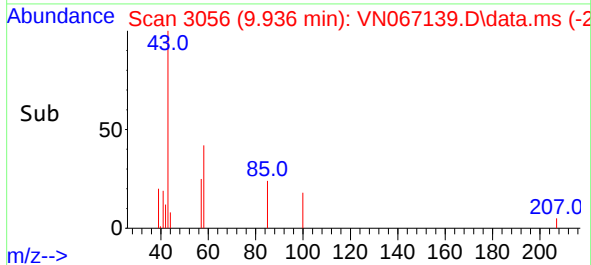
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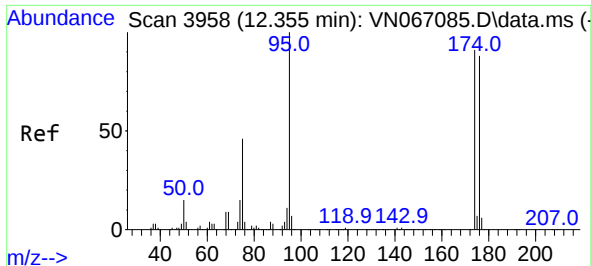


#51
4-Methyl-2-Pentanone
Concen: 6.50 ug/l
RT: 9.936 min Scan# 3056
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



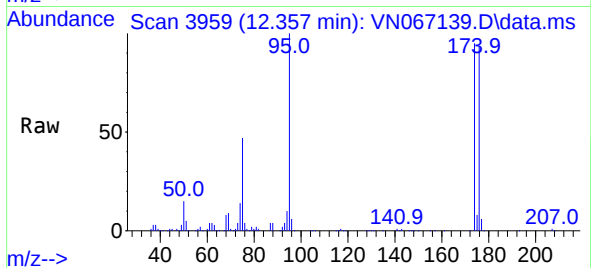
Tgt Ion: 43 Resp: 7807
Ion Ratio Lower Upper
43 100
58 35.1 34.5 51.7





#62
4-Bromofluorobenzene
Concen: 42.16 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

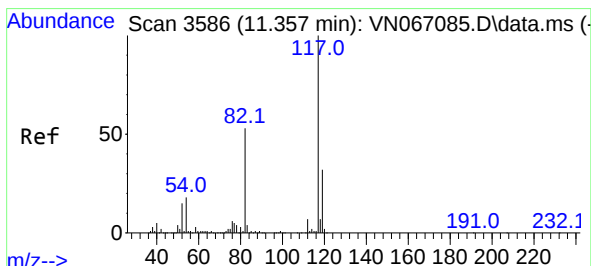
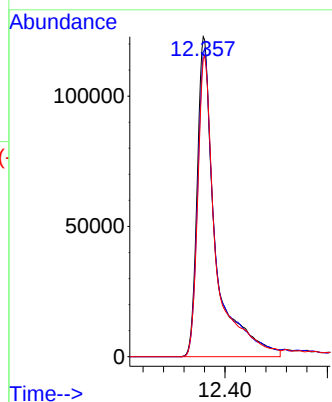
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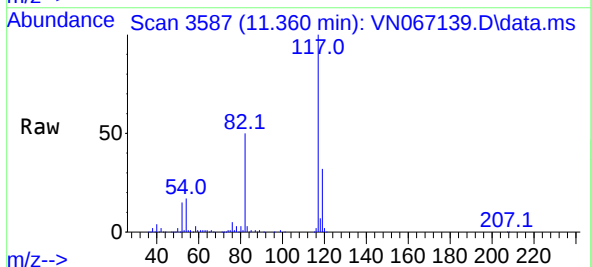
Tgt Ion:	95	Resp:	302966
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	182.8
176	93.2	0.0	176.6

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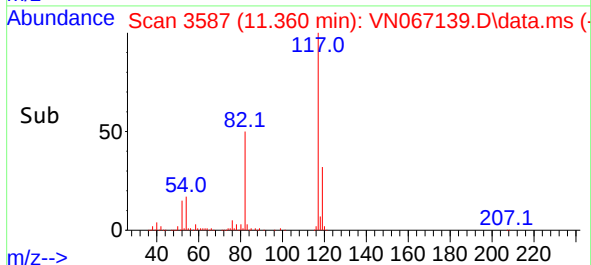
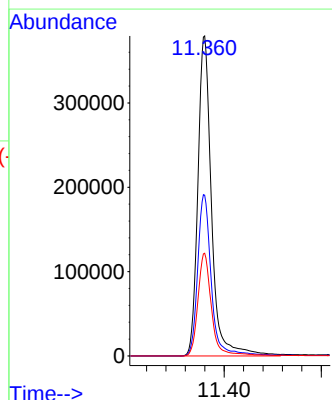
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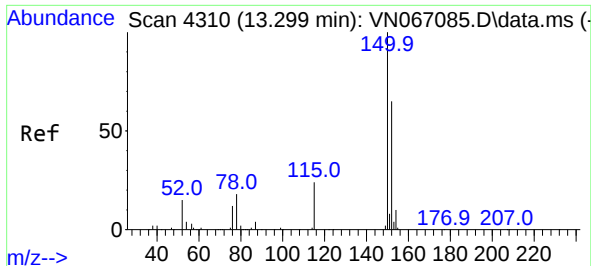


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

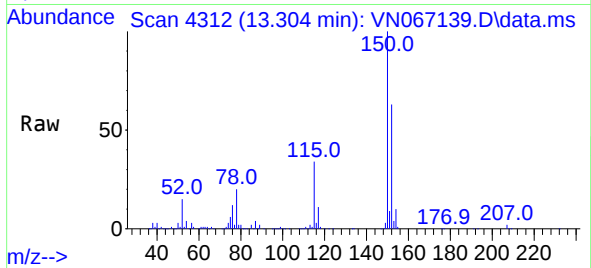


Tgt Ion:	117	Resp:	742363
Ion Ratio	Lower	Upper	
117	100		
82	50.3	42.2	63.2
119	32.1	25.8	38.6



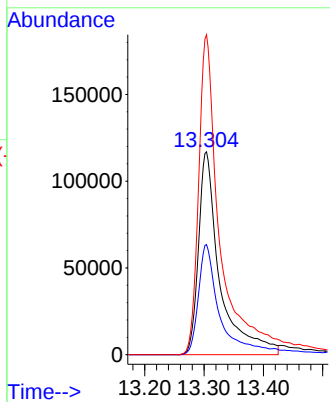
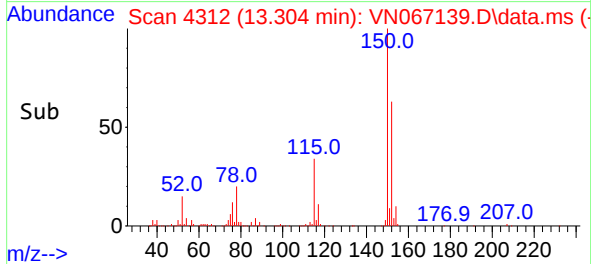


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.304 min Scan# 4312
 Delta R.T. 0.005 min
 Lab File: VN067139.D
 Acq: 18 May 2021 20:03



Tgt Ion:152 Resp: 293509

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.0	80.8
150	159.9	0.0	350.2



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