

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067154.D
 Acq On : 19 May 2021 16:16
 Operator : JC/MD
 Sample : M2366-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 20 01:56:55 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	633641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	873314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	745393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.307	152	269799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	303651	44.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.72%		
35) Dibromofluoromethane	7.522	113	179452	31.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	62.58%#		
50) Toluene-d8	10.038	98	1084910	49.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.84%		
62) 4-Bromofluorobenzene	12.360	95	306218	42.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.12%		
Target Compounds					Qvalue	
16) Acetone	3.773	43	128521	60.41	ug/l	98
20) Methylene Chloride	4.489	84	34472	5.02	ug/l	94
25) 2-Butanone	6.768	43	44162	13.31	ug/l	98
51) 4-Methyl-2-Pentanone	9.938	43	8218m	6.55	ug/l	
69) o-Xylene	11.907	106	16784	1.54	ug/l	92

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

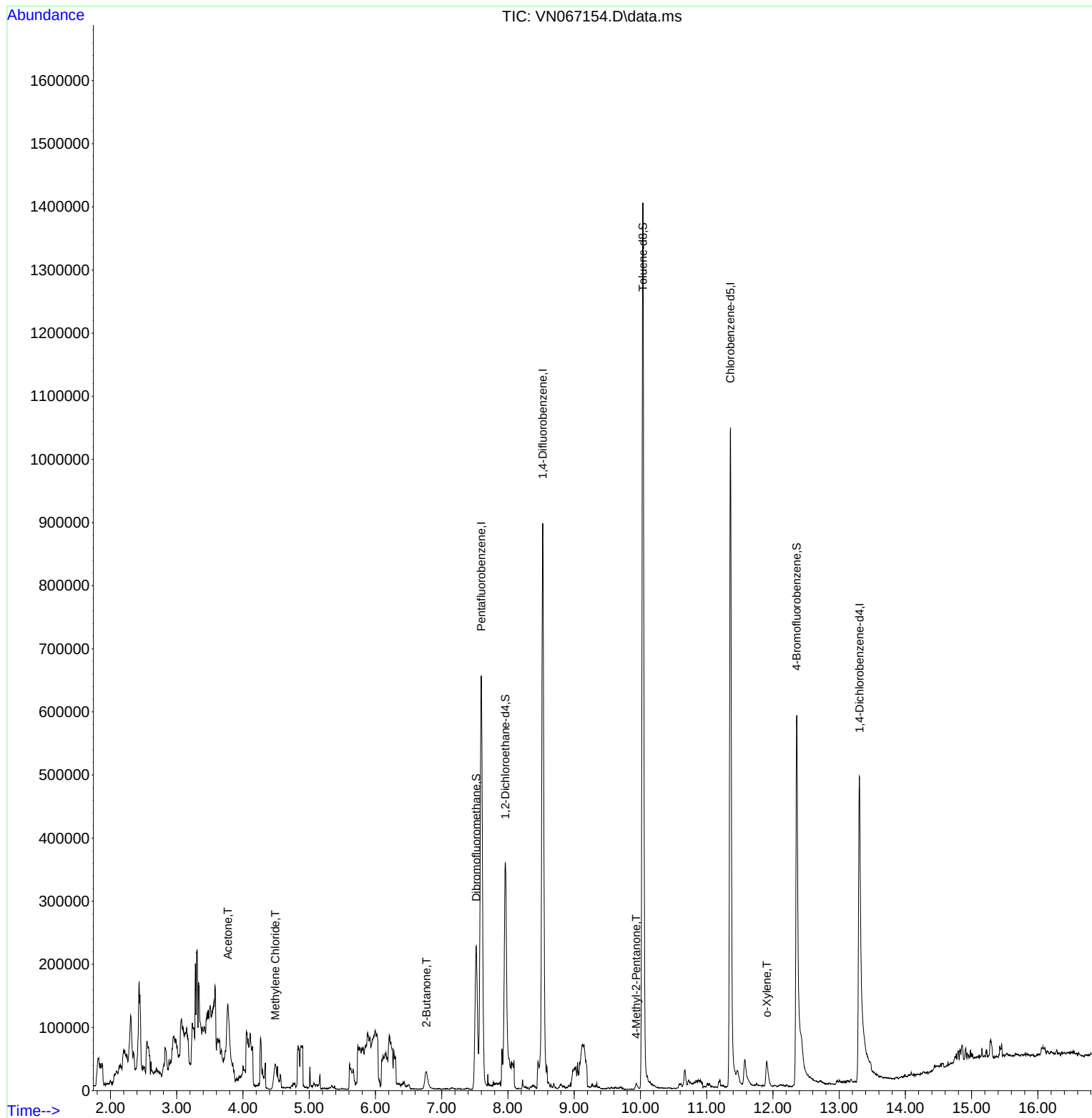
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
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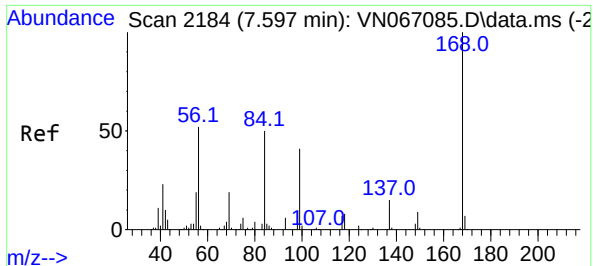
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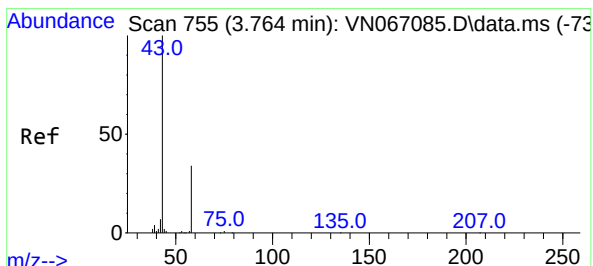
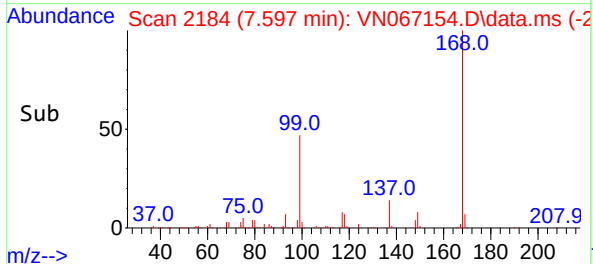
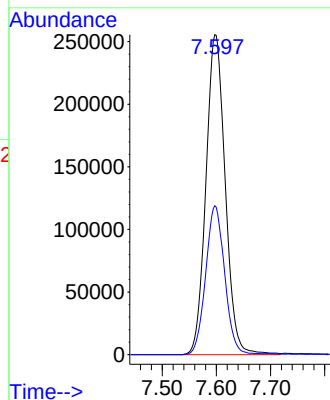
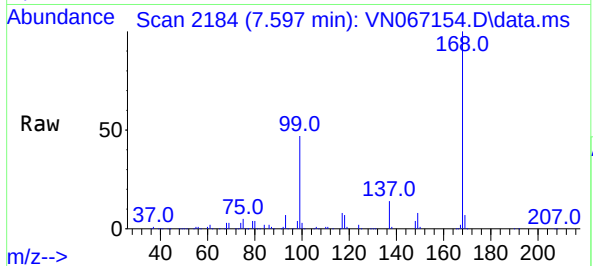
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

Tgt Ion: 168 Resp: 633641
Ion Ratio Lower Upper
168 100
99 46.6 38.5 57.7

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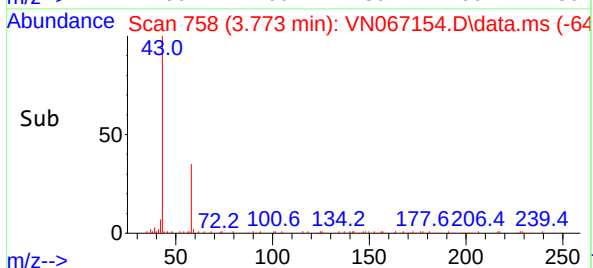
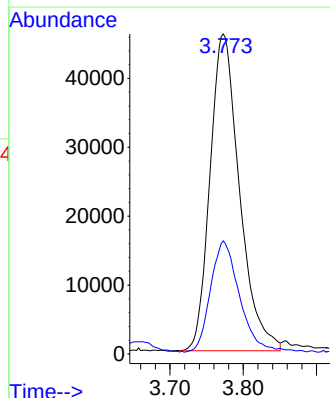
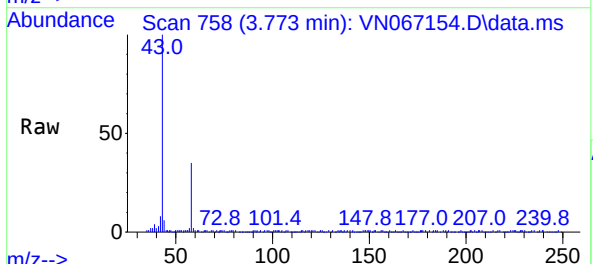
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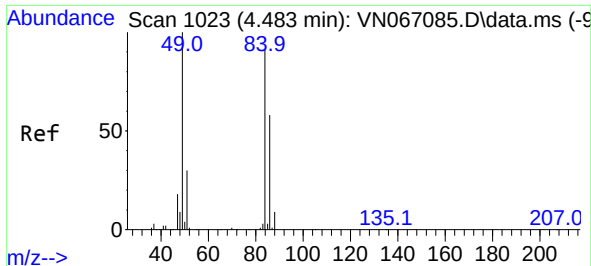
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#16
Acetone
Concen: 60.41 ug/l
RT: 3.773 min Scan# 758
Delta R.T. 0.009 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

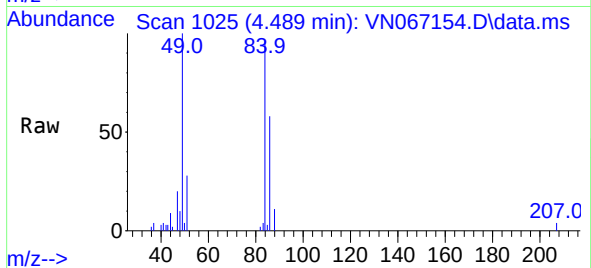
Tgt Ion: 43 Resp: 128521
Ion Ratio Lower Upper
43 100
58 35.1 27.2 40.8





#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.489 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

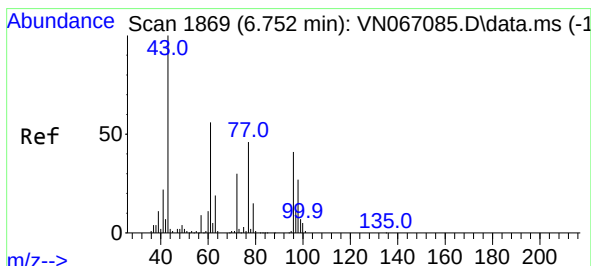
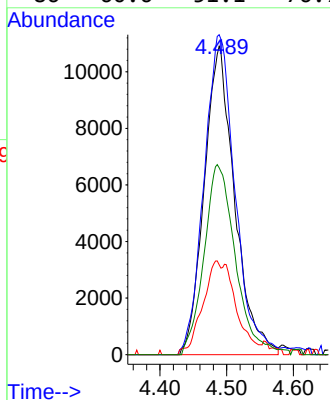
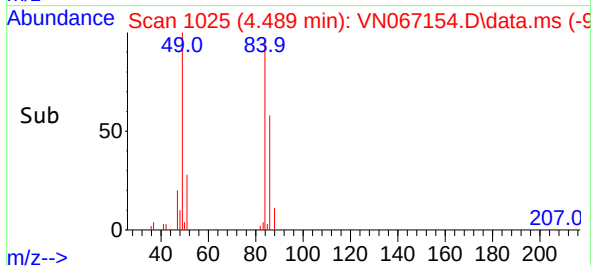
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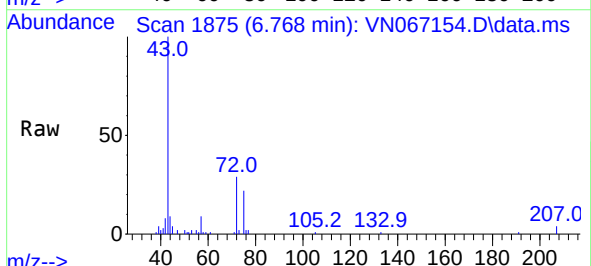
Tgt Ion:	84	Resp:	34472
Ion	Ratio	Lower	Upper
84	100		
49	103.8	88.3	132.5
51	29.2	26.7	40.1
86	60.6	51.1	76.7

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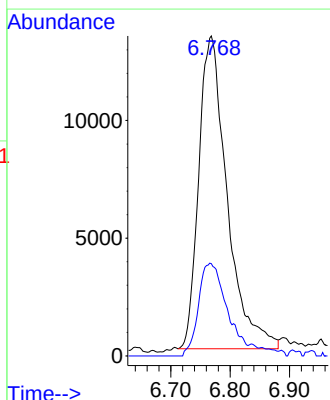
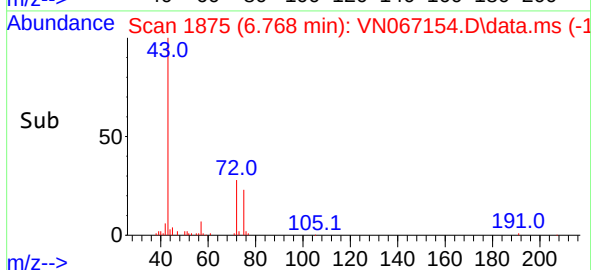
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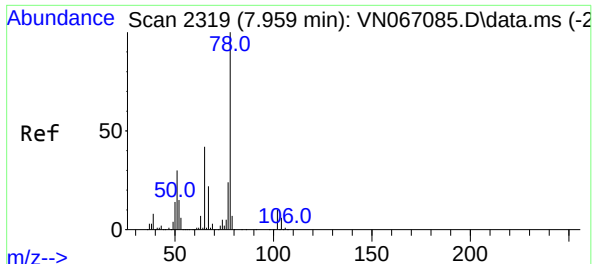


#25
2-Butanone
Concen: 13.31 ug/l
RT: 6.768 min Scan# 1875
Delta R.T. 0.016 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16



Tgt Ion:	43	Resp:	44162
Ion	Ratio	Lower	Upper
43	100		
72	29.5	24.4	36.6





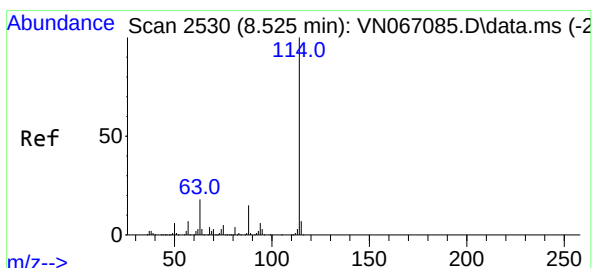
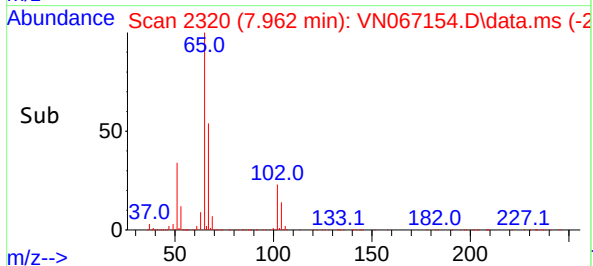
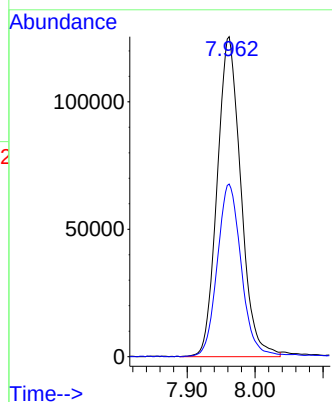
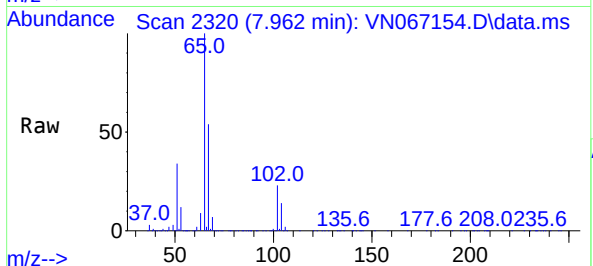
#33
1,2-Dichloroethane-d4
Concen: 44.36 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

Tgt Ion: 65 Resp: 303651
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.4

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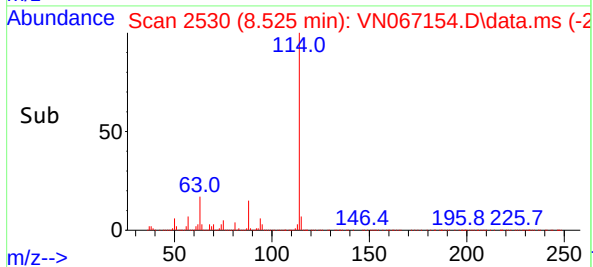
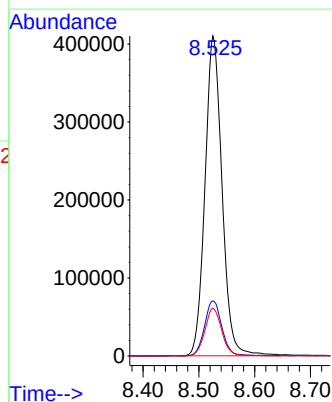
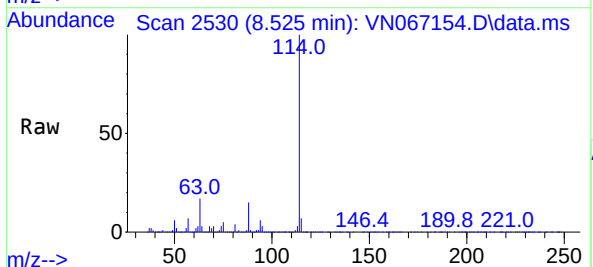
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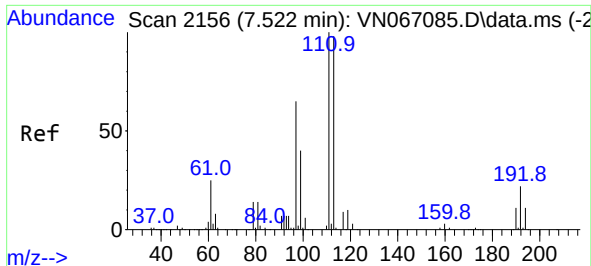
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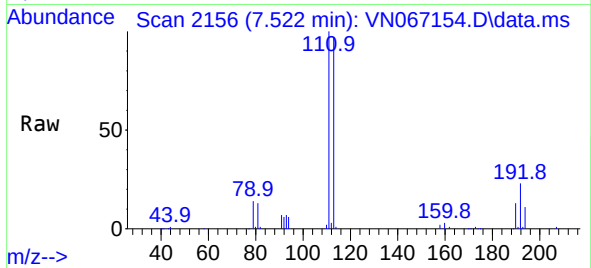
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

Tgt Ion: 114 Resp: 873314
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.8
88 15.0 0.0 30.4

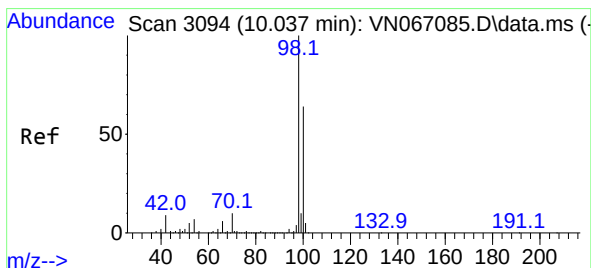
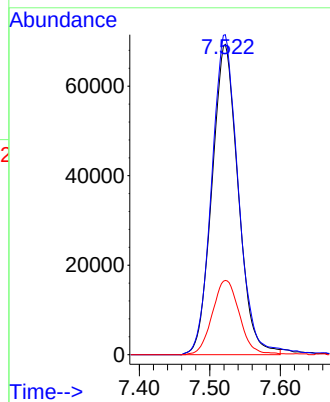
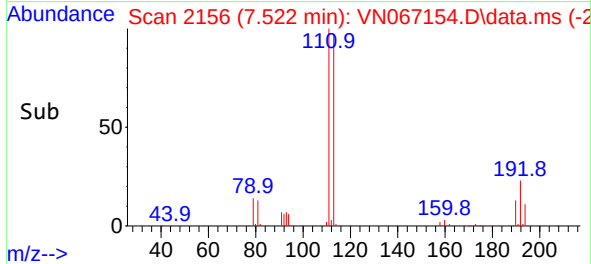




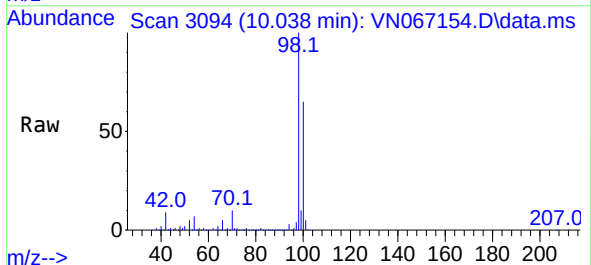
#35
Dibromofluoromethane
Concen: 31.29 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16



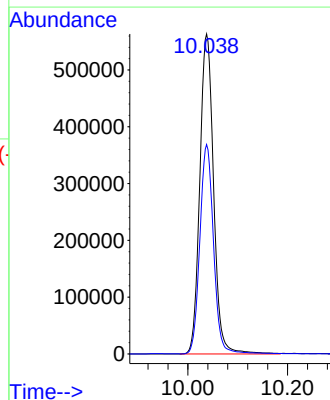
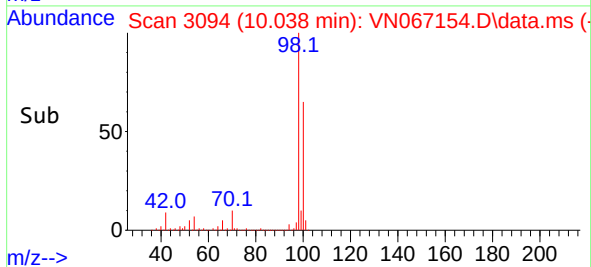
Tgt Ion: 113 Resp: 179452
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 24.8 18.2 27.4



#50
Toluene-d8
Concen: 49.92 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16



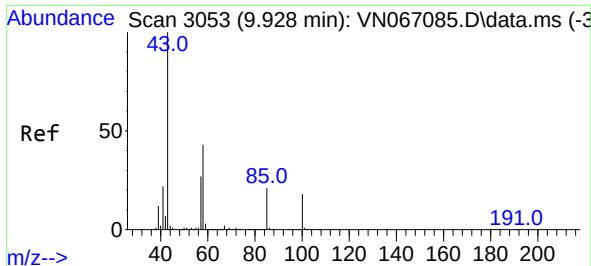
Tgt Ion: 98 Resp: 1084910
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



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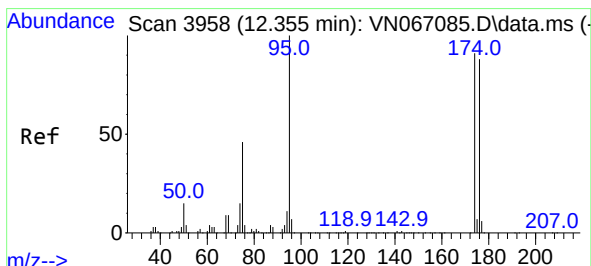
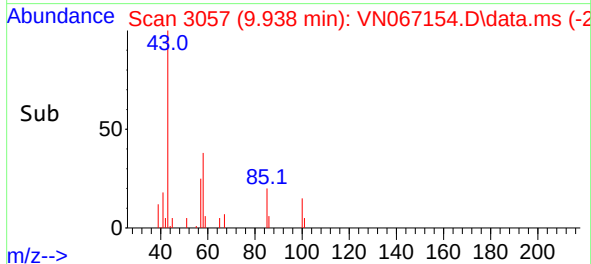
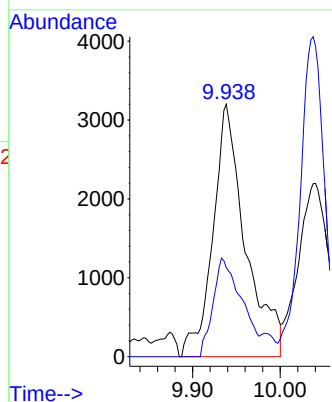
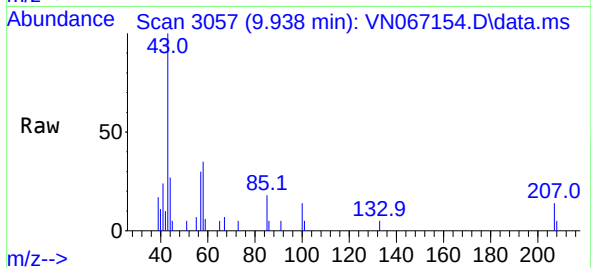
#51
4-Methyl-2-Pentanone
Concen: 6.55 ug/l m
RT: 9.938 min Scan# 3057
Delta R.T. 0.010 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

Tgt Ion: 43 Resp: 8218
Ion Ratio Lower Upper
43 100
58 34.5 34.5 51.7#

Instrument :
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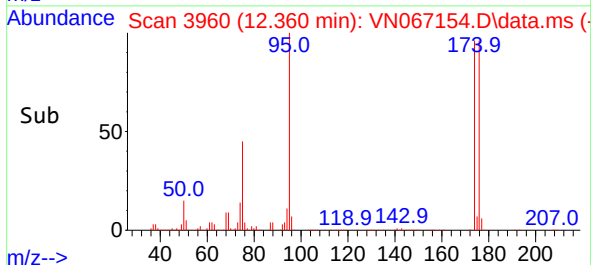
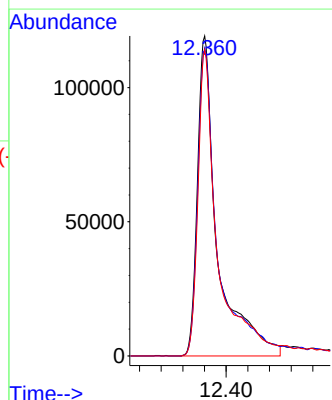
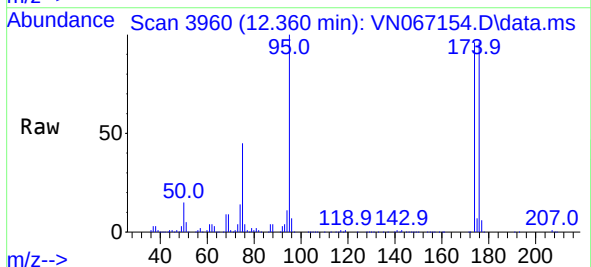
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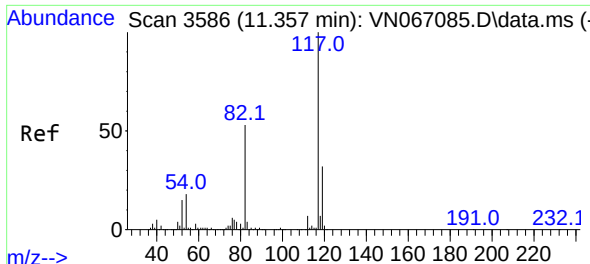
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#62
4-Bromofluorobenzene
Concen: 42.06 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

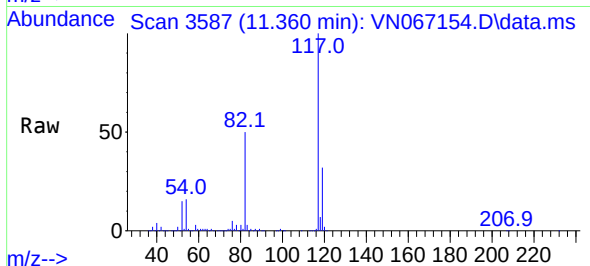
Tgt Ion: 95 Resp: 306218
Ion Ratio Lower Upper
95 100
174 96.6 0.0 182.8
176 94.4 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

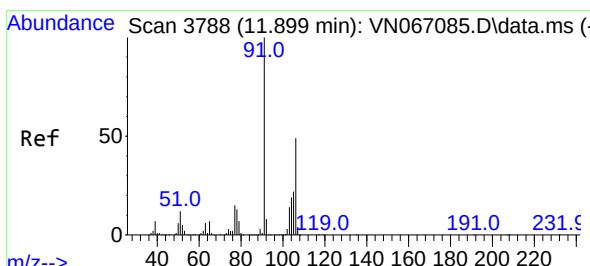
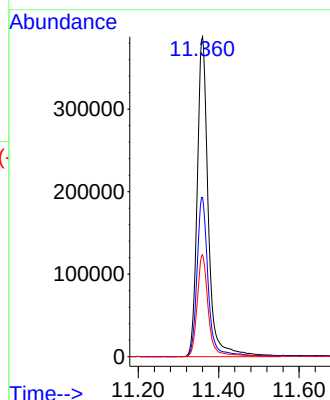
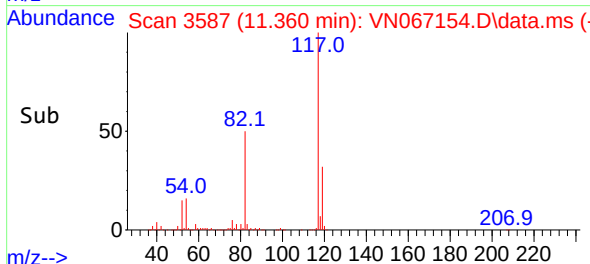
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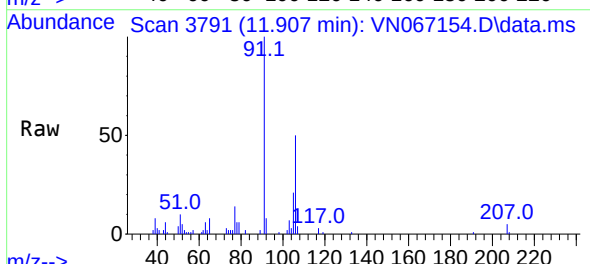
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Ion Ratio Lower Upper
117 100
82 49.8 42.2 63.2
119 31.8 25.8 38.6

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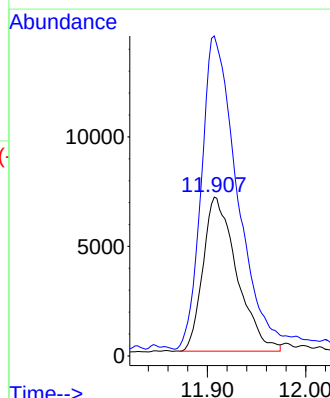
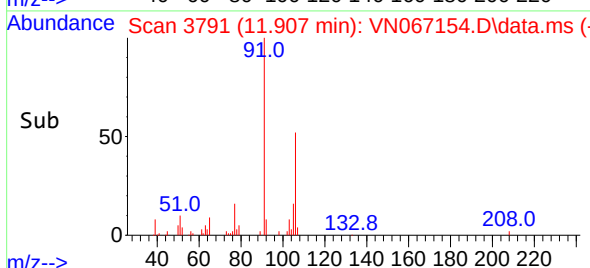
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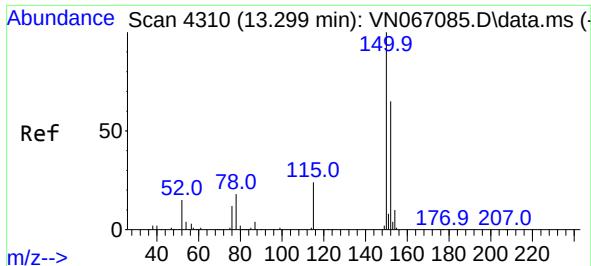


#69
o-Xylene
Concen: 1.54 ug/l
RT: 11.907 min Scan# 3791
Delta R.T. 0.008 min
Lab File: VN067154.D
Acq: 19 May 2021 16:16

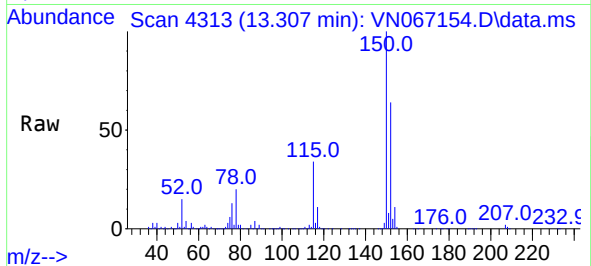


Tgt Ion:106 Resp: 16784
Ion Ratio Lower Upper
106 100
91 216.5 102.3 306.8



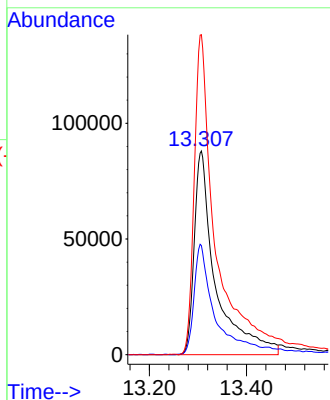
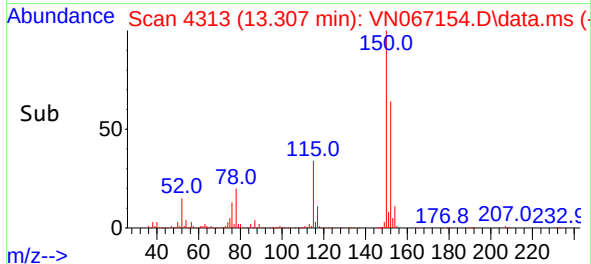


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.307 min Scan# 4313
 Delta R.T. 0.008 min
 Lab File: VN067154.D
 Acq: 19 May 2021 16:16



Tgt Ion:152 Resp: 269799

Ion	Ratio	Lower	Upper
152	100		
115	52.0	27.0	80.8
150	159.9	0.0	350.2



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