

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068020.D
 Acq On : 5 Aug 2021 16:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

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 8/6/2021 5:42:57 PM

Quant Time: Aug 06 01:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	297636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	585071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	564299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	187384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230958	54.813	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.620%			
35) Dibromofluoromethane	8.021	113	178641	52.392	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.780%			
50) Toluene-d8	10.443	98	744632	47.527	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.060%			
62) 4-Bromofluorobenzene	12.734	95	237553	42.115	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.220%			
Target Compounds					Qvalue	
20) Methylene Chloride	5.079	84	7397m	1.810	ug/l	

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

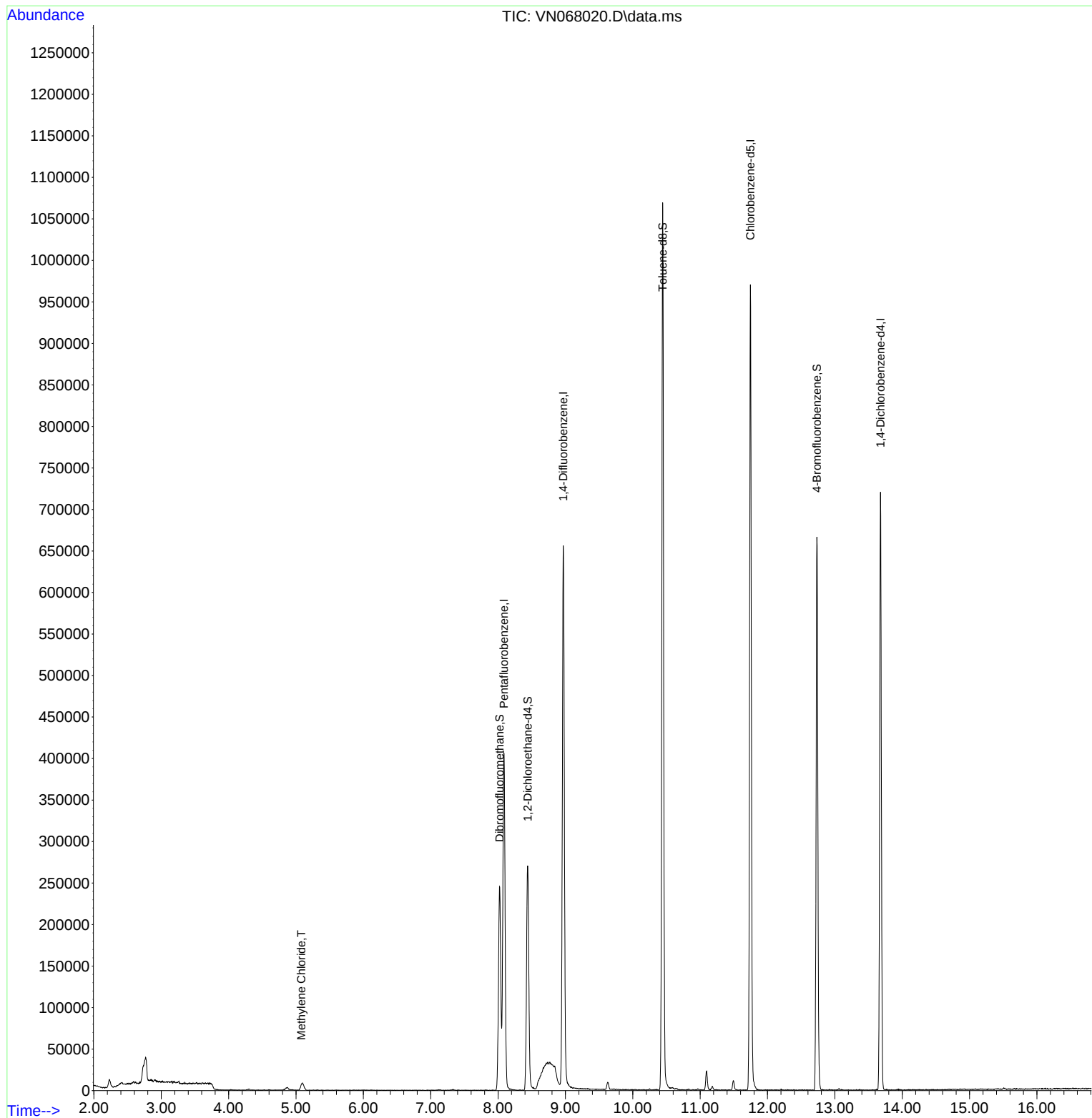
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Data File : VN068020.D
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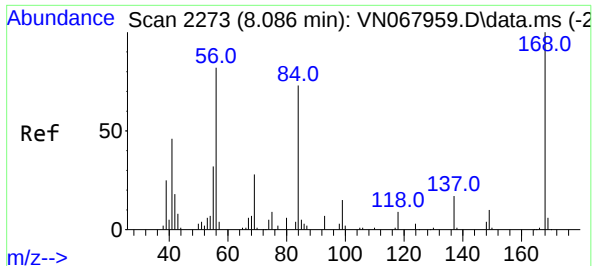
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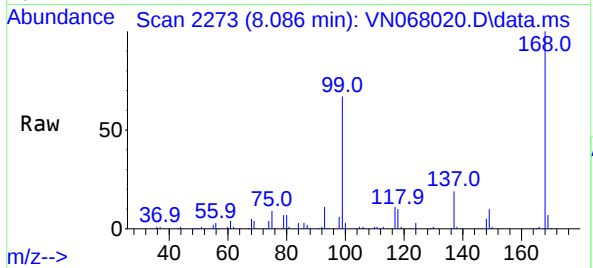
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Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

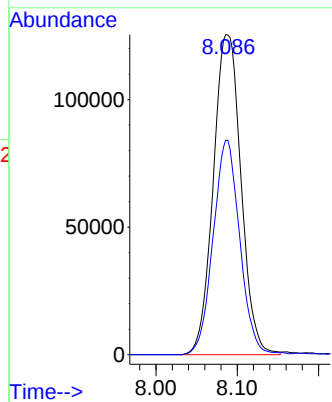
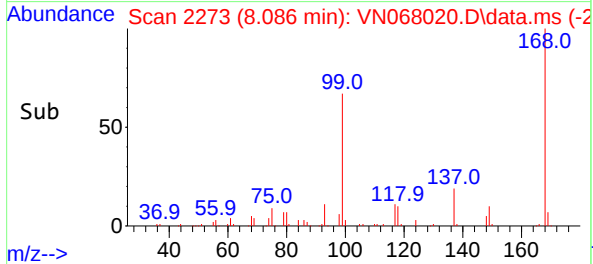




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56



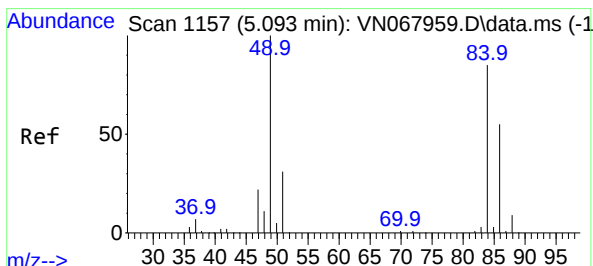
Tgt Ion: 168 Resp: 297636
Ion Ratio Lower Upper
168 100
99 67.0 62.9 94.3



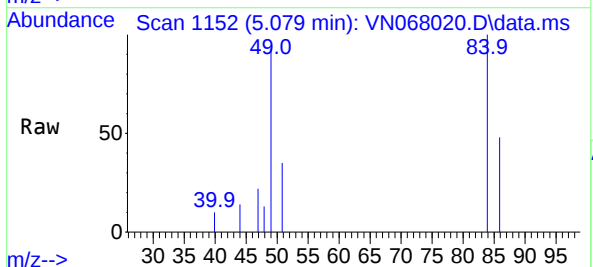
Instrument :
MSVOA_N
ClientSampled :
IBLK

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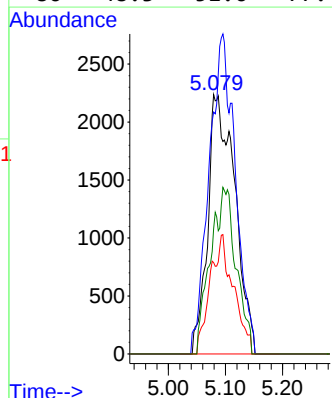
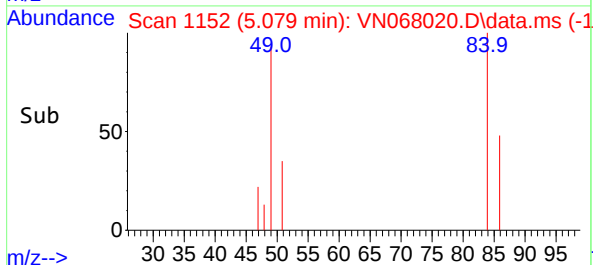
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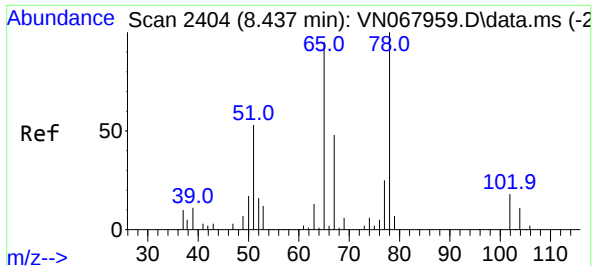


#20
Methylene Chloride
Concen: 1.810 ug/l m
RT: 5.079 min Scan# 1152
Delta R.T. -0.014 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56



Tgt Ion: 84 Resp: 7397
Ion Ratio Lower Upper
84 100
49 93.2 110.9 166.3#
51 35.2 32.6 49.0
86 48.3 51.6 77.4#





#33

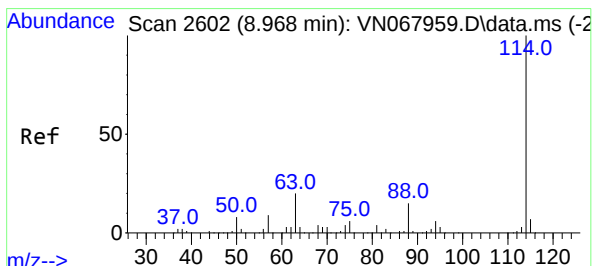
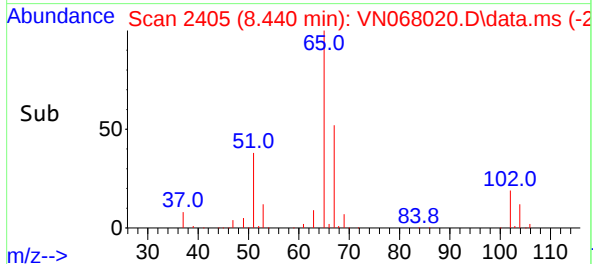
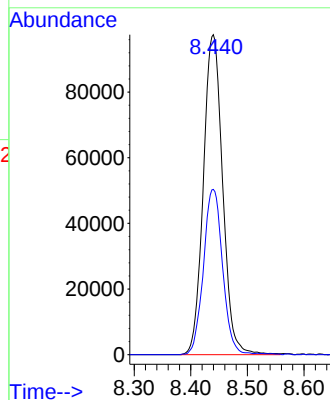
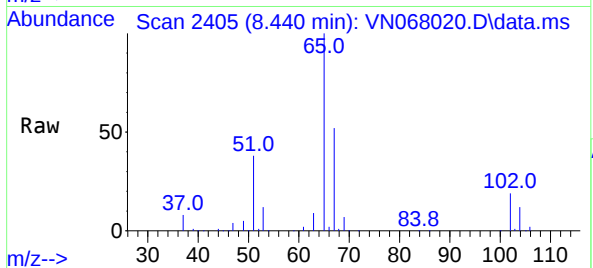
1,2-Dichloroethane-d4
Concen: 54.813 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56

Tgt Ion: 65 Resp: 230958
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

Instrument :
MSVOA_N
ClientSampled :
IBLK

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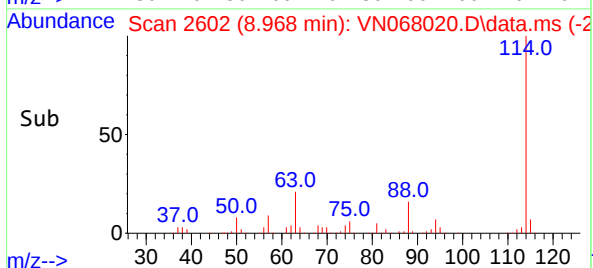
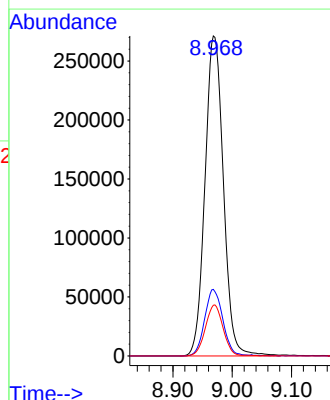
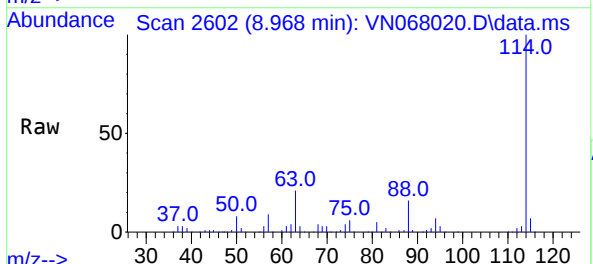
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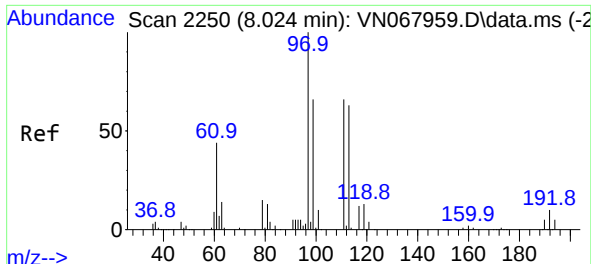


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56

Tgt Ion: 114 Resp: 585071
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 15.8 0.0 36.6





#35
 Dibromofluoromethane
 Concen: 52.392 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN068020.D
 Acq: 5 Aug 2021 16:56

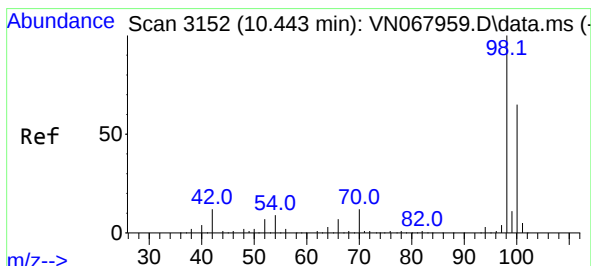
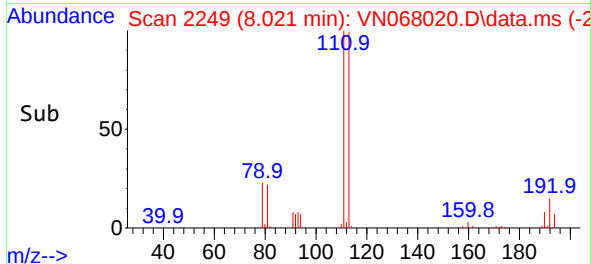
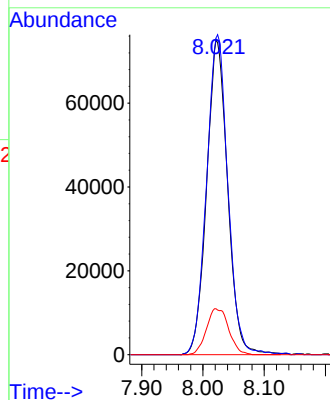
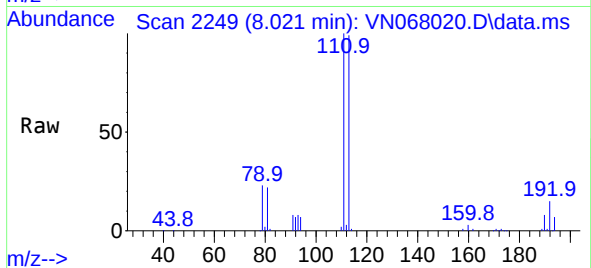
Tgt Ion: 113 Resp: 178641

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.8
192	15.6	13.4	20.0

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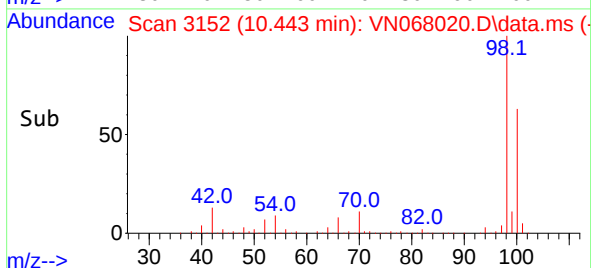
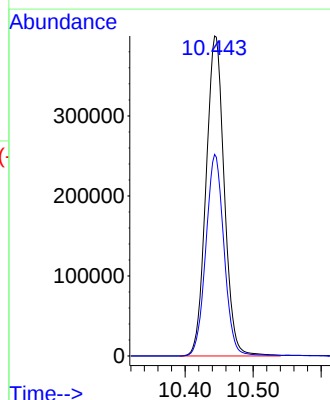
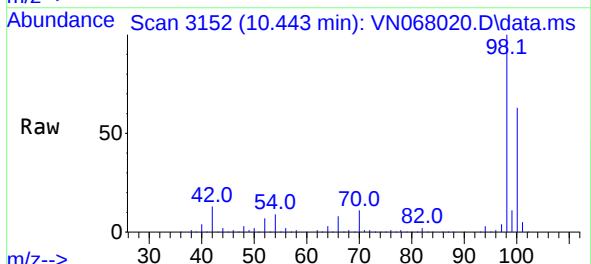
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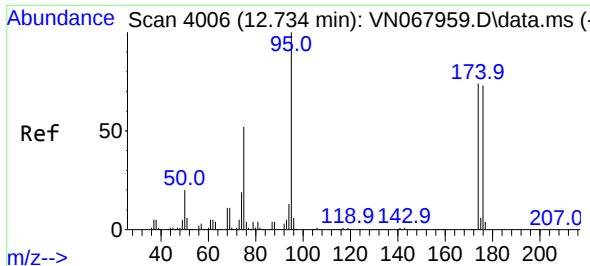


#50
 Toluene-d8
 Concen: 47.527 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VN068020.D
 Acq: 5 Aug 2021 16:56

Tgt Ion: 98 Resp: 744632

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.7	77.5





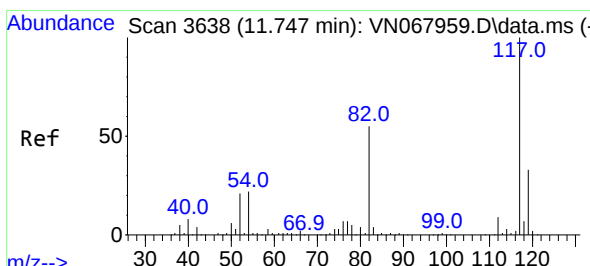
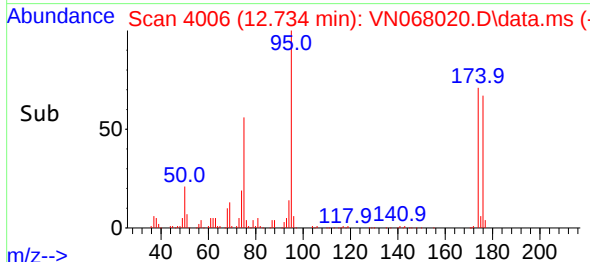
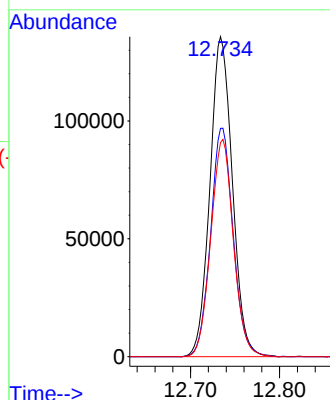
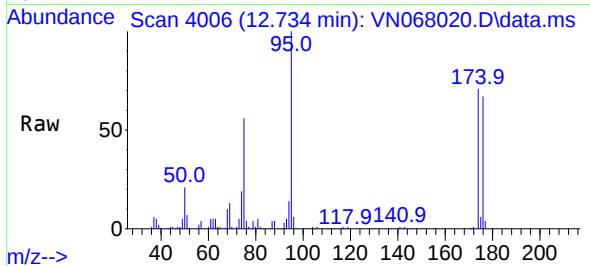
#62
4-Bromofluorobenzene
Concen: 42.115 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56

Tgt Ion: 95 Resp: 237553
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 68.5 0.0 117.6

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IBLK

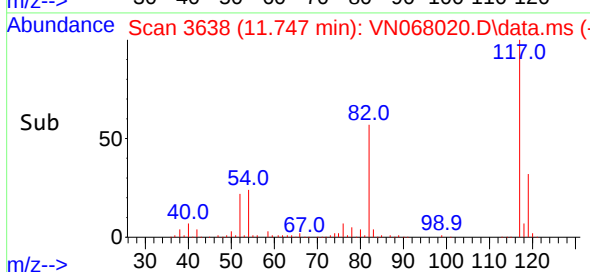
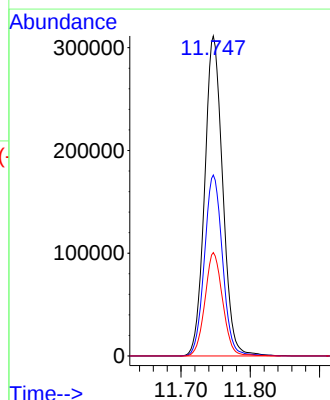
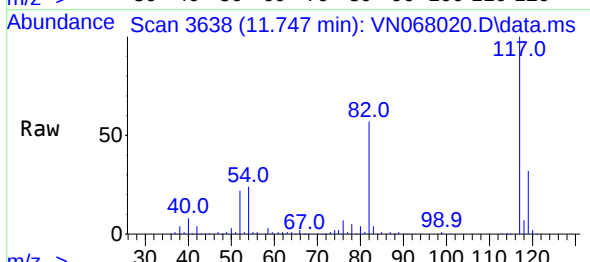
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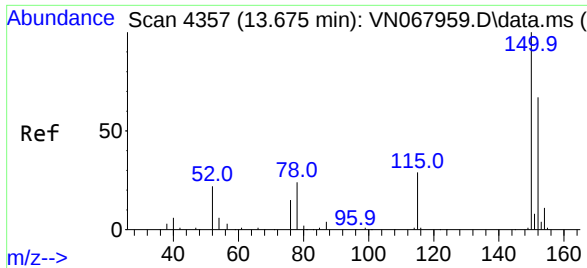
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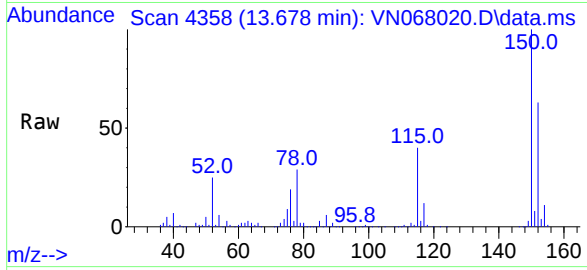
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068020.D
Acq: 5 Aug 2021 16:56

Tgt Ion: 117 Resp: 564299
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 32.3 25.5 38.3

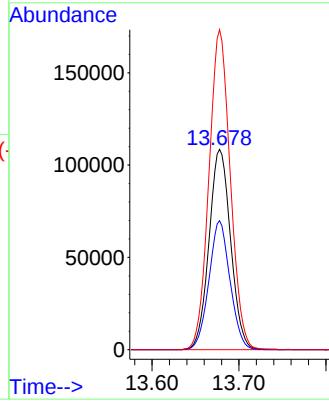
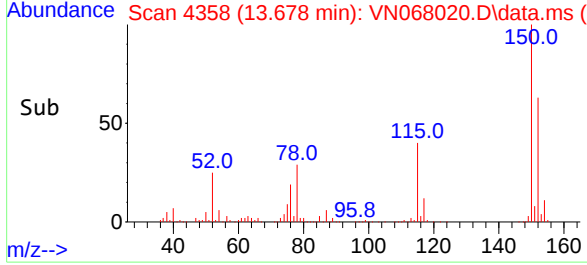




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068020.D
 Acq: 5 Aug 2021 16:56



Tgt Ion:152 Resp: 187384
 Ion Ratio Lower Upper
 152 100
 115 62.8 36.1 108.5
 150 157.6 0.0 351.8



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