

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067783.D
 Acq On : 16 Jul 2021 19:25
 Operator : JC/MD
 Sample : M3051-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41213

Manual Integrations
 APPROVED

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Quant Time: Jul 17 05:00:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	313146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	575801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	533273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	194445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237120	50.104	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.200%			
35) Dibromofluoromethane	8.024	113	176683	50.788	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.580%			
50) Toluene-d8	10.443	98	724167	49.731	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.460%			
62) 4-Bromofluorobenzene	12.734	95	236318	45.941	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.880%			
Target Compounds					Qvalue	
16) Acetone	4.301	43	7156	4.805	ug/l	95
17) Carbon Disulfide	4.527	76	4508m	0.584	ug/l	
52) Toluene	10.508	92	13538	1.291	ug/l	100

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

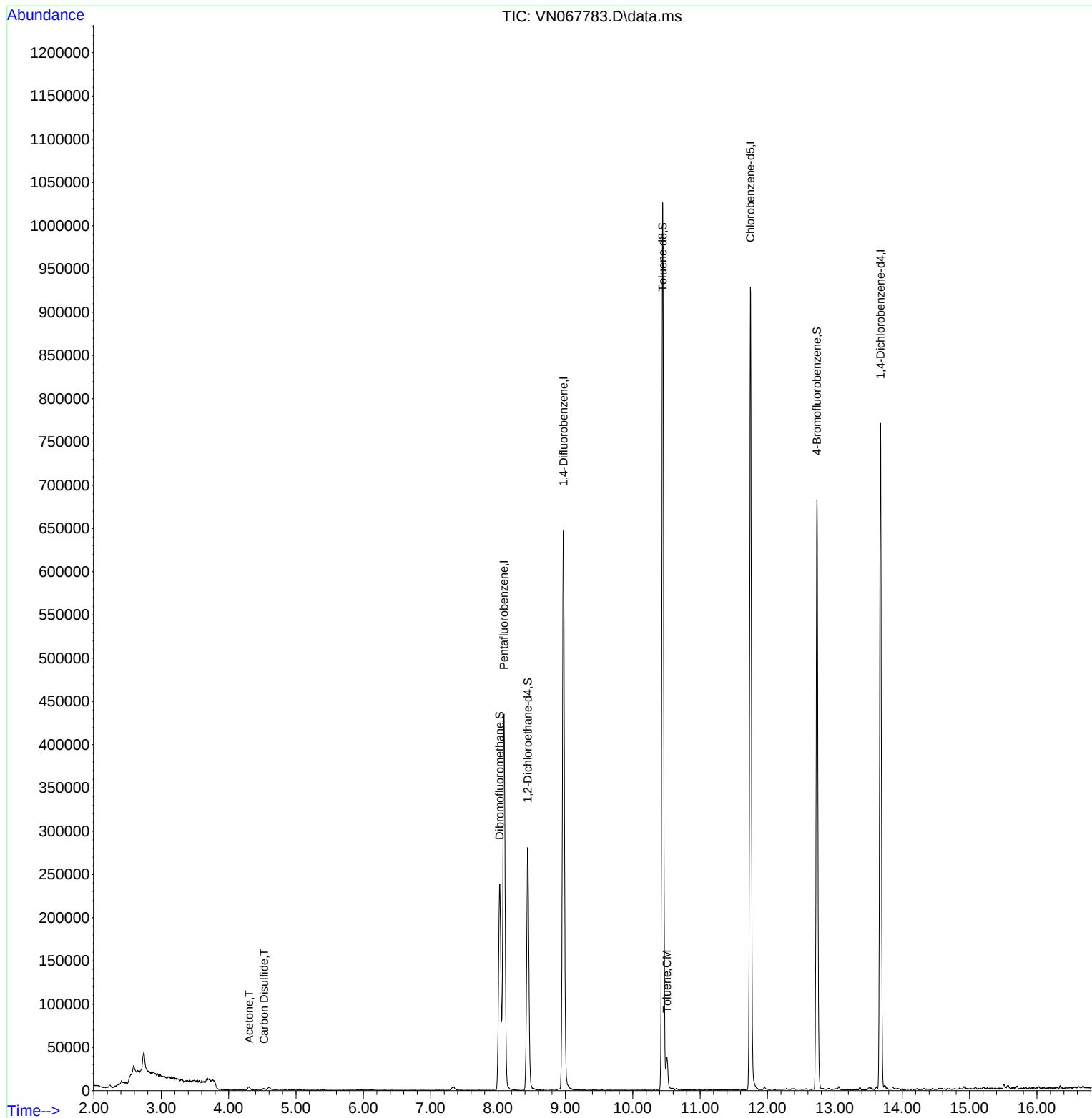
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Data File : VN067783.D
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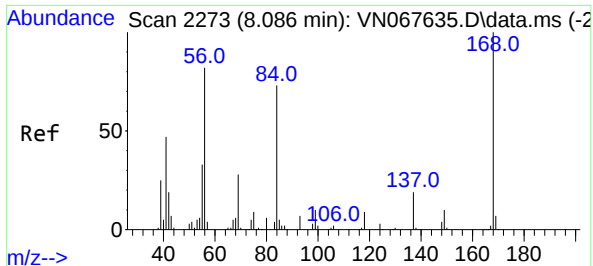
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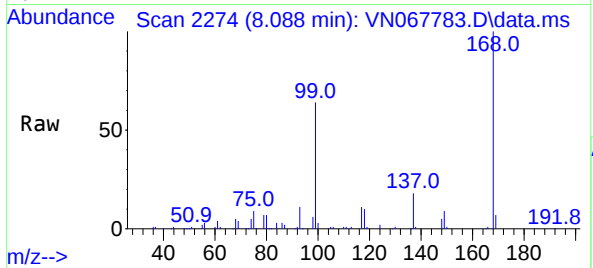
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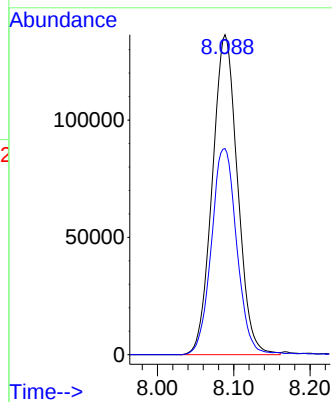
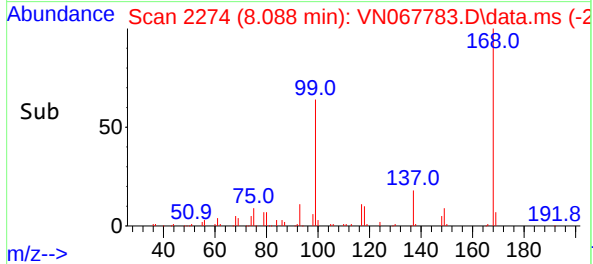




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25



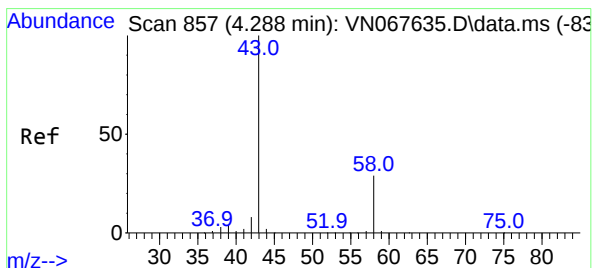
Tgt Ion: 168 Resp: 313146
Ion Ratio Lower Upper
168 100
99 64.4 62.9 94.3



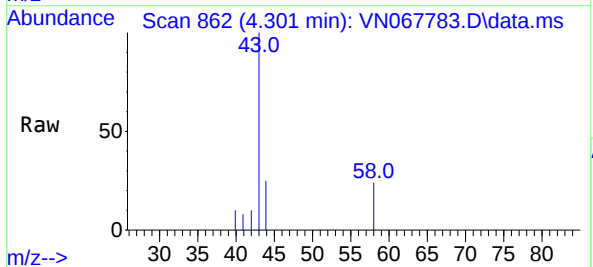
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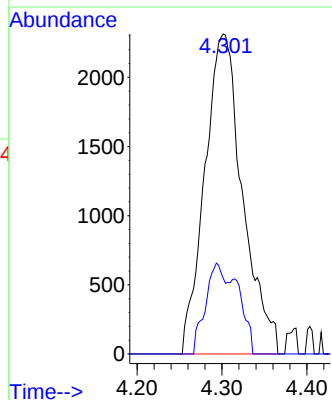
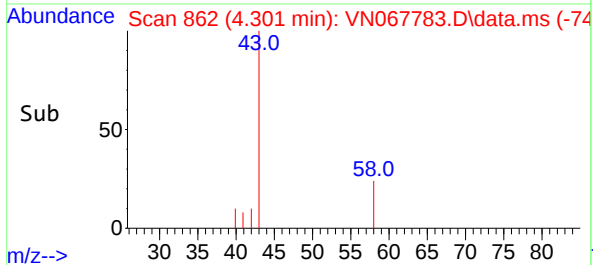
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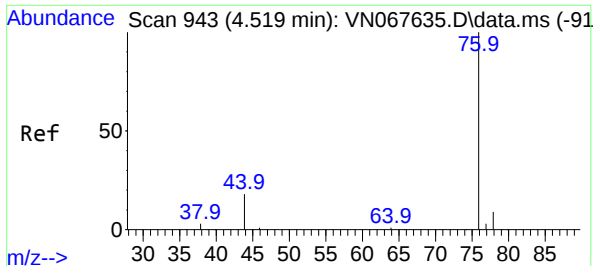


#16
Acetone
Concen: 4.805 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25



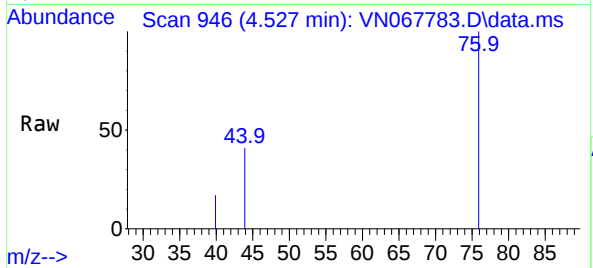
Tgt Ion: 43 Resp: 7156
Ion Ratio Lower Upper
43 100
58 23.7 21.2 31.8





#17
Carbon Disulfide
Concen: 0.584 ug/l m
RT: 4.527 min Scan# 946
Delta R.T. 0.008 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25

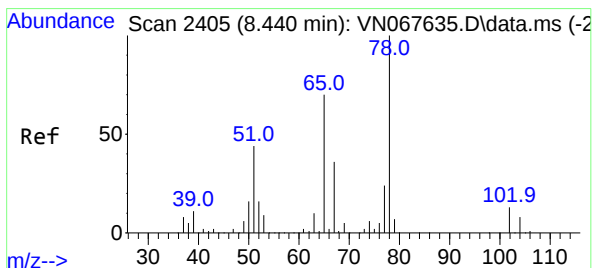
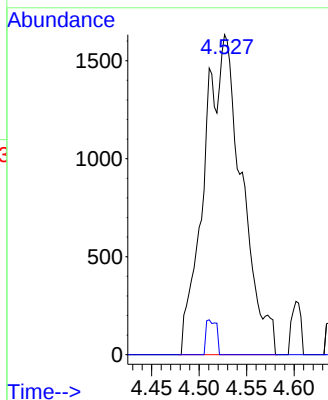
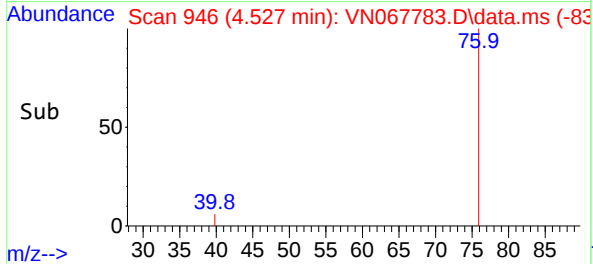
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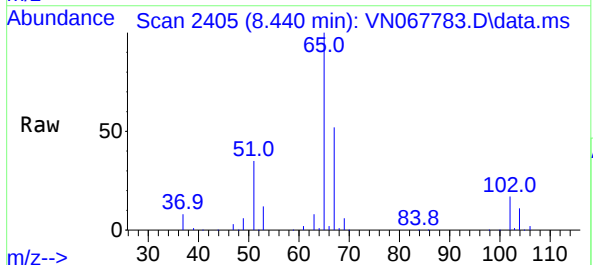
Tgt Ion: 76 Resp: 4508
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

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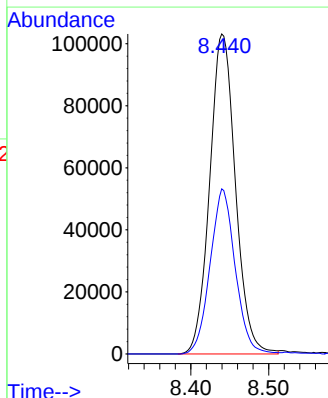
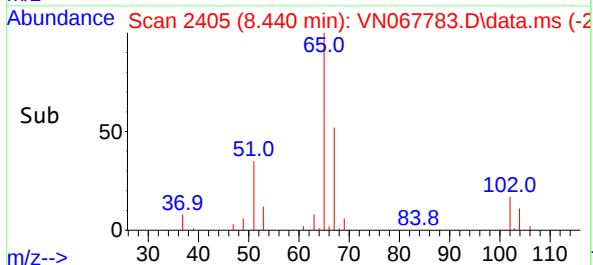
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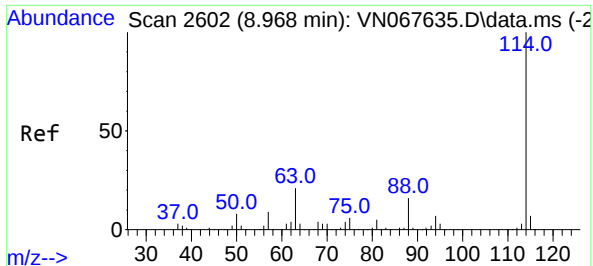


#33
1,2-Dichloroethane-d4
Concen: 50.104 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067783.D
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Tgt Ion: 65 Resp: 237120
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6





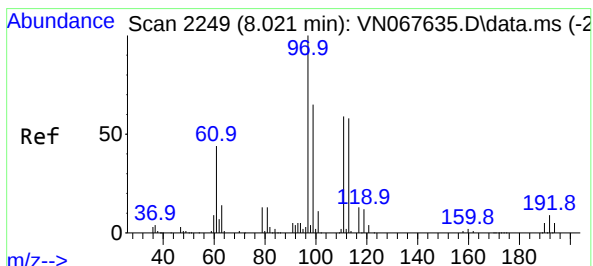
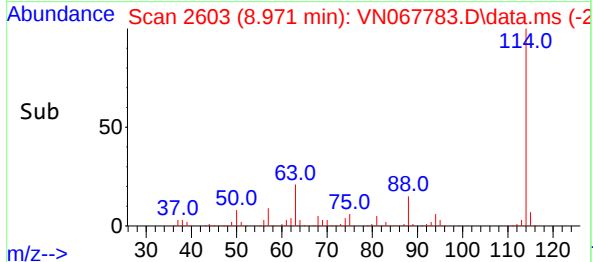
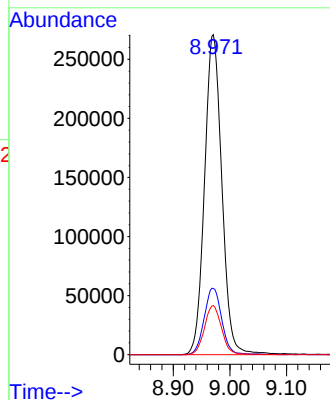
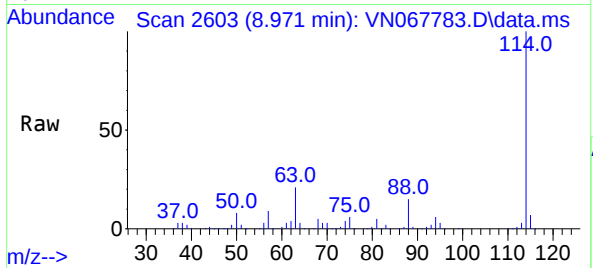
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25

Tgt Ion:	114	Resp:	575801
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	49.0
88	15.4	0.0	36.6

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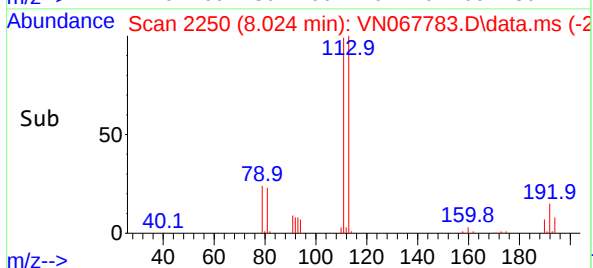
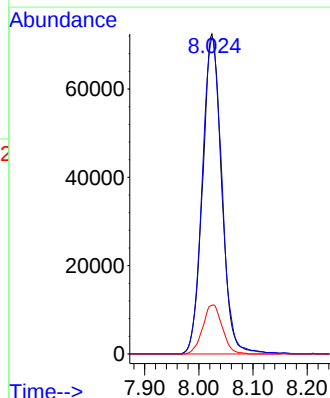
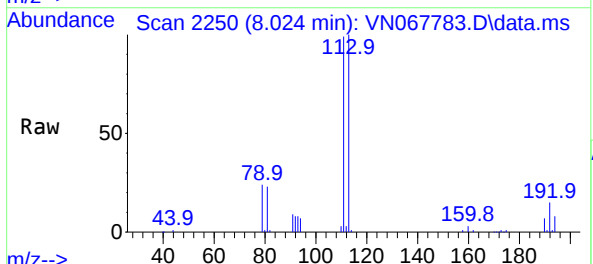
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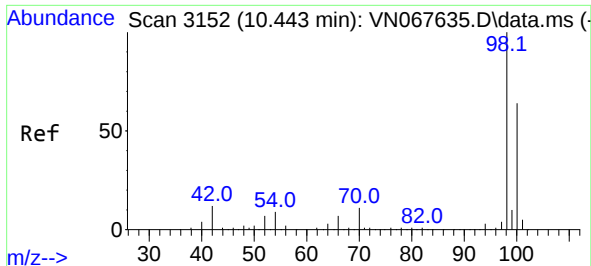
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#35
Dibromofluoromethane
Concen: 50.788 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25

Tgt Ion:	113	Resp:	176683
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.8	125.8
192	15.8	13.4	20.0





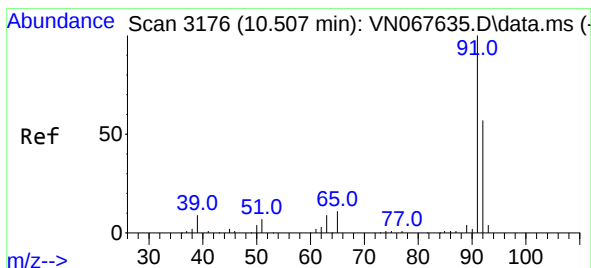
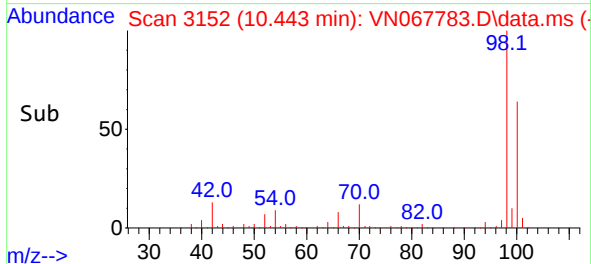
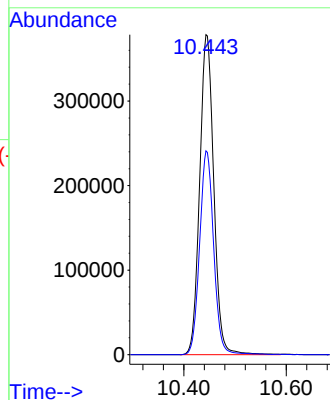
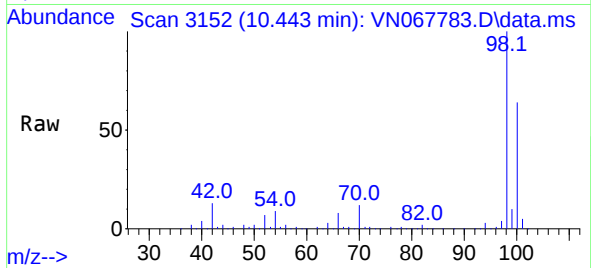
#50
Toluene-d8
Concen: 49.731 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067783.D
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Tgt Ion: 98 Resp: 724167
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

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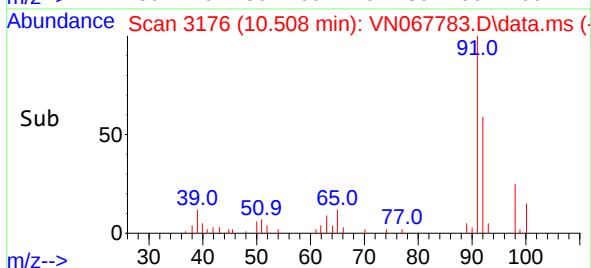
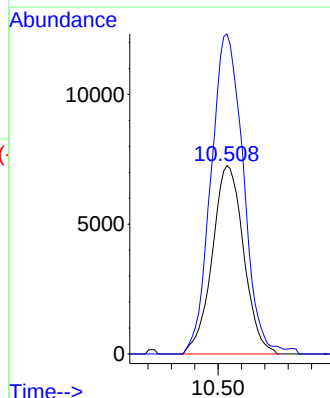
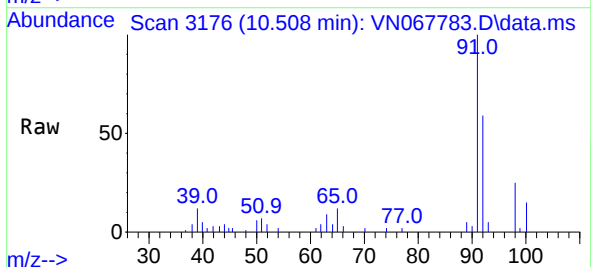
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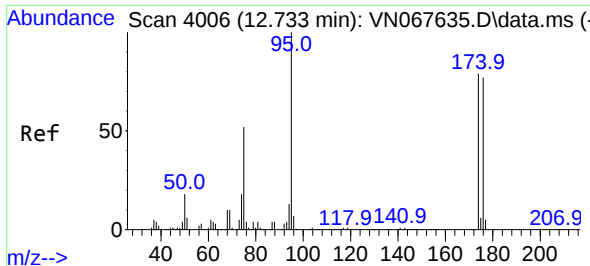
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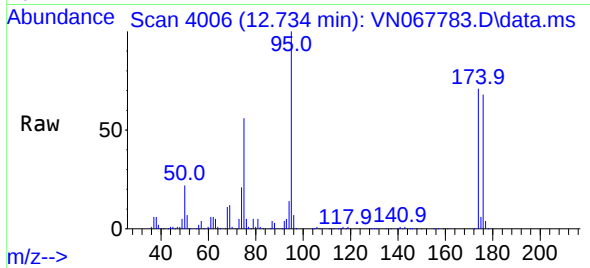
#52
Toluene
Concen: 1.291 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
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Tgt Ion: 92 Resp: 13538
Ion Ratio Lower Upper
92 100
91 175.1 139.6 209.4

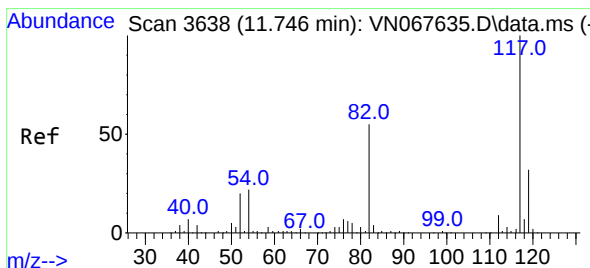
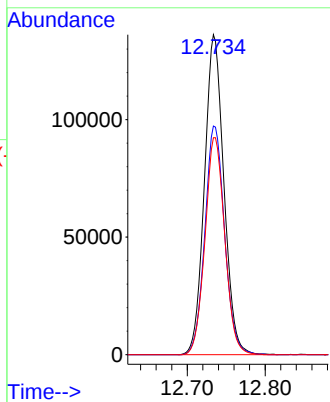
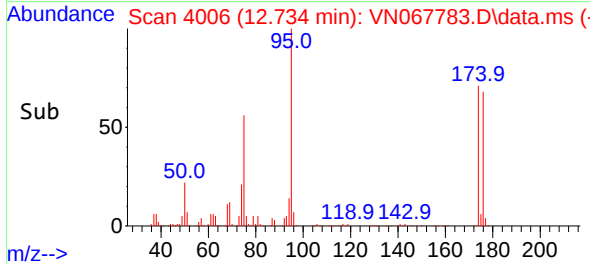




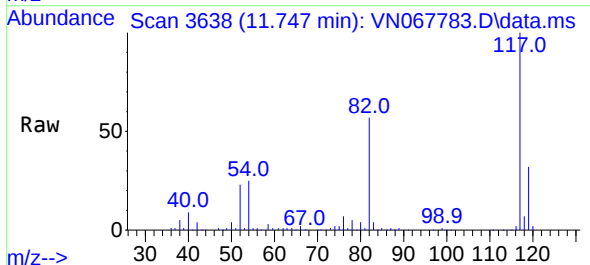
#62
4-Bromofluorobenzene
Concen: 45.941 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25



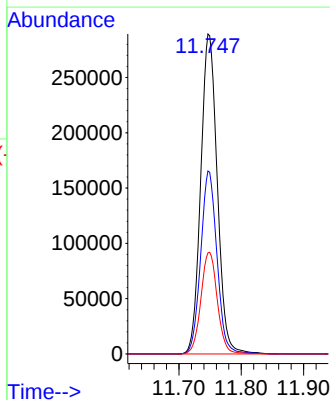
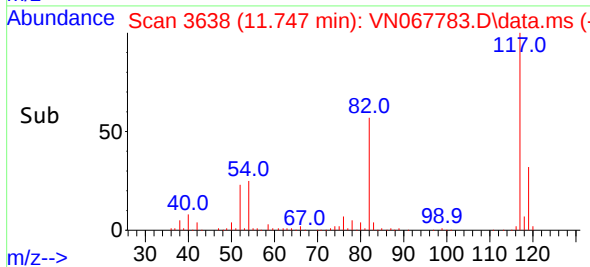
Tgt Ion: 95 Resp: 236318
Ion Ratio Lower Upper
95 100
174 72.7 0.0 122.0
176 69.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067783.D
Acq: 16 Jul 2021 19:25



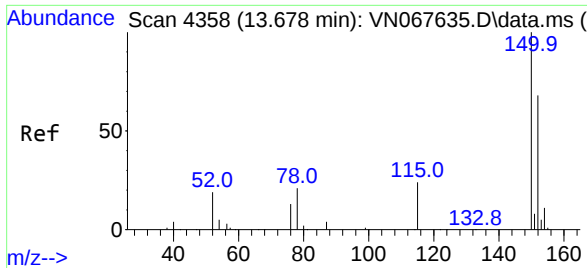
Tgt Ion: 117 Resp: 533273
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 31.6 25.5 38.3



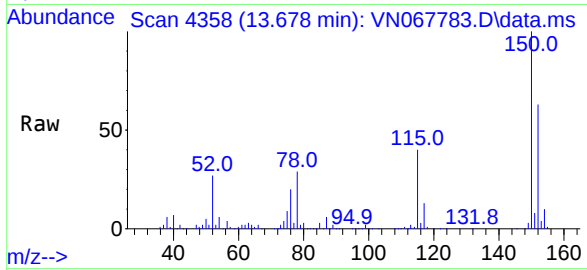
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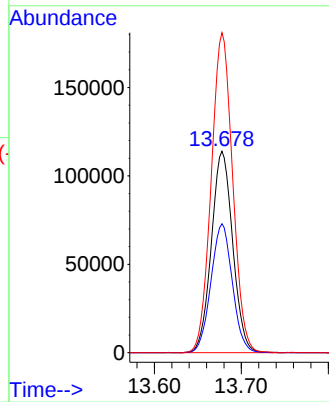
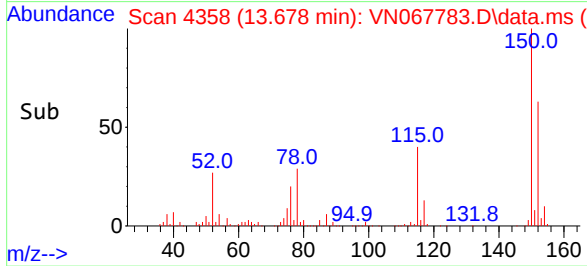
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.000 min
 Lab File: VN067783.D
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Tgt Ion:152 Resp: 194445
 Ion Ratio Lower Upper
 152 100
 115 64.2 36.1 108.5
 150 159.1 0.0 351.8



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