

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067991.D
 Acq On : 3 Aug 2021 19:03
 Operator : JC/MD
 Sample : M3261-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31102

Manual Integrations
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Quant Time: Aug 04 03:42:04 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	8.088	168	289798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	561053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	555944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	206176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234578	57.178	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.360%			
35) Dibromofluoromethane	8.024	113	174167	53.266	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.540%			
50) Toluene-d8	10.443	98	717831	47.758	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.520%			
62) 4-Bromofluorobenzene	12.734	95	241596	44.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.720%			
Target Compounds						
11) Tert butyl alcohol	5.401	59	5376m	9.780	ug/l	
16) Acetone	4.296	43	8157	5.449	ug/l	99
52) Toluene	10.508	92	4057	0.406	ug/l	99
79) 2-Chlorotoluene	13.010	91	74862	6.471	ug/l	92
82) 4-Chlorotoluene	13.109	91	184621	15.895	ug/l	93

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

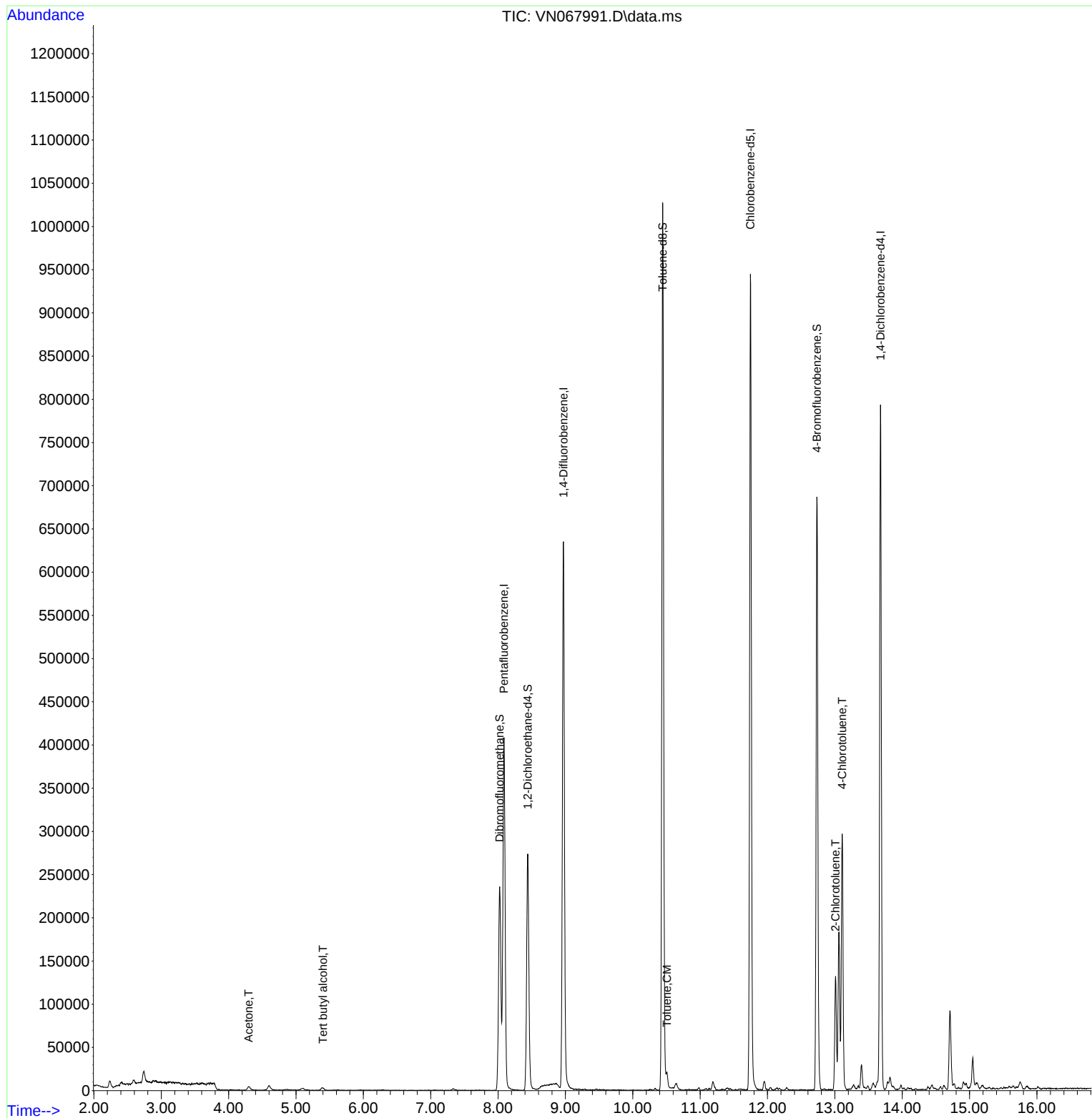
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Data File : VN067991.D
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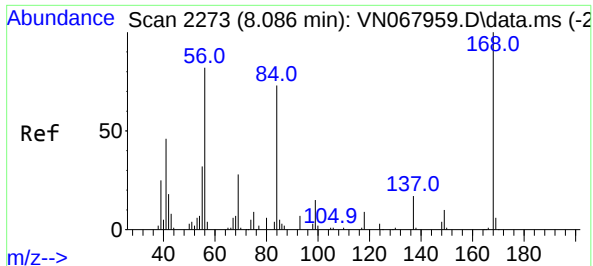
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration





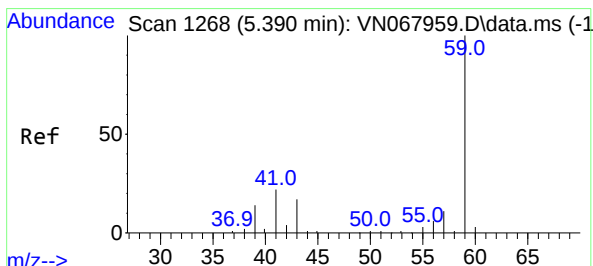
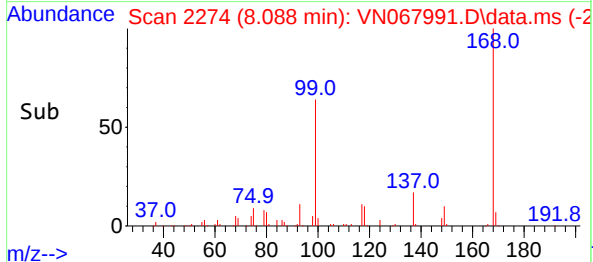
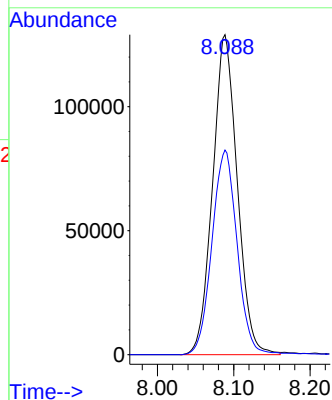
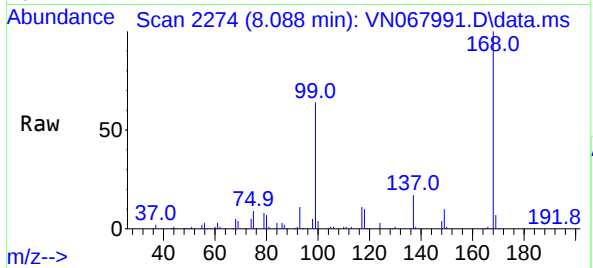
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

Tgt Ion: 168 Resp: 289798
Ion Ratio Lower Upper
168 100
99 64.0 62.9 94.3

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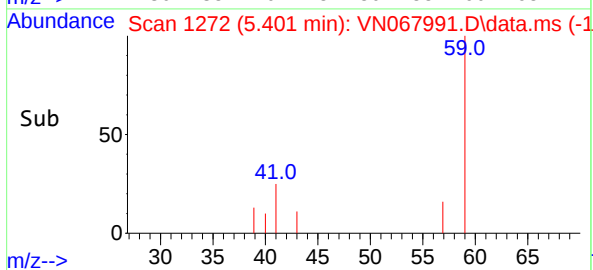
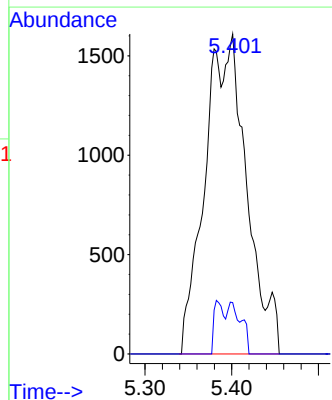
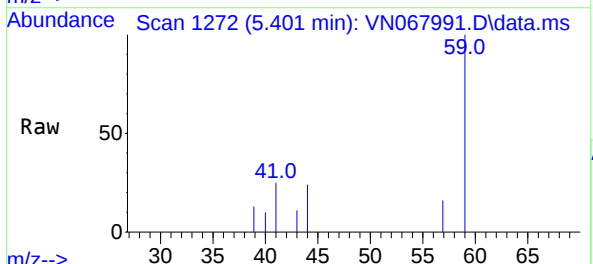
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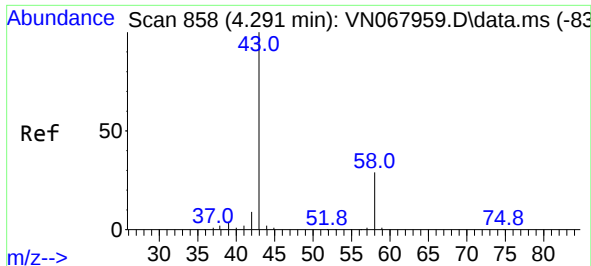
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#11
Tert butyl alcohol
Concen: 9.780 ug/l m
RT: 5.401 min Scan# 1272
Delta R.T. 0.011 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

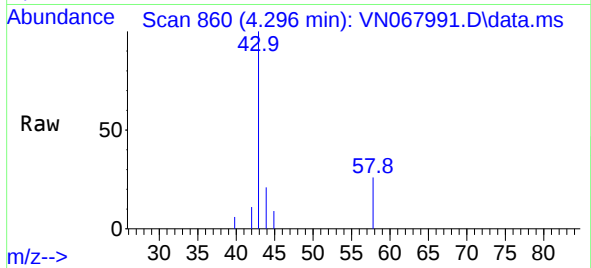
Tgt Ion: 59 Resp: 5376
Ion Ratio Lower Upper
59 100
57 4.1 8.7 13.1#





#16
Acetone
Concen: 5.449 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

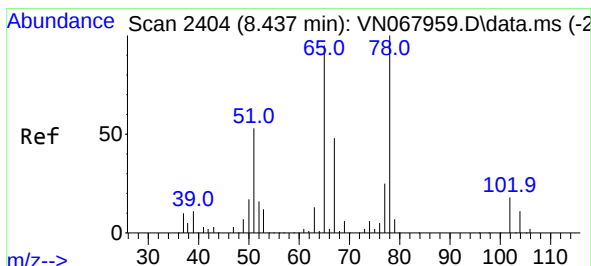
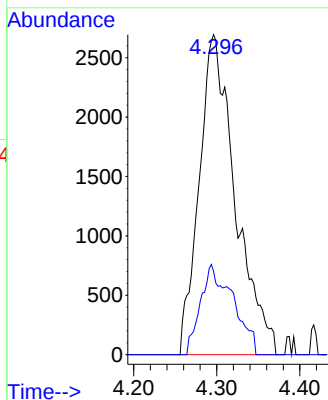
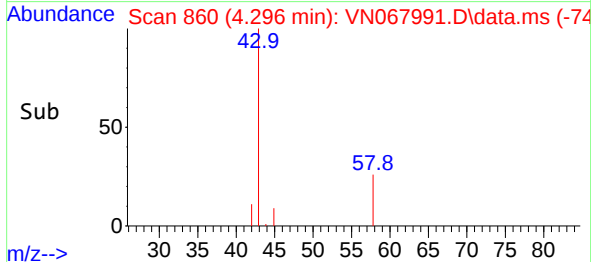
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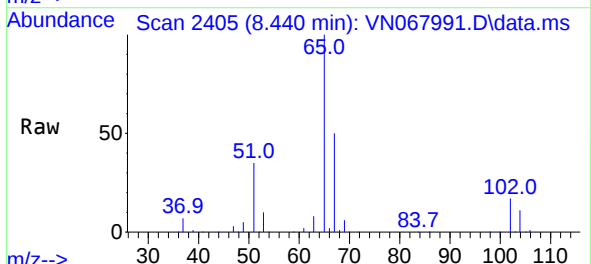
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Ion Ratio Lower Upper
43 100
58 26.1 21.2 31.8

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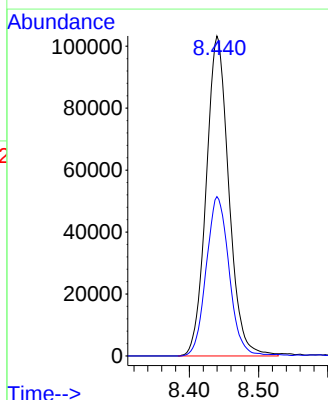
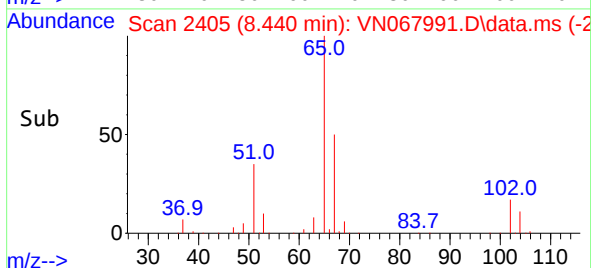
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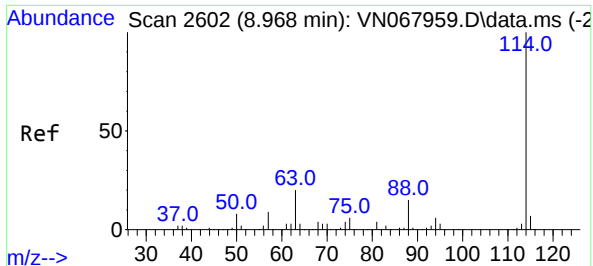


#33
1,2-Dichloroethane-d4
Concen: 57.178 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

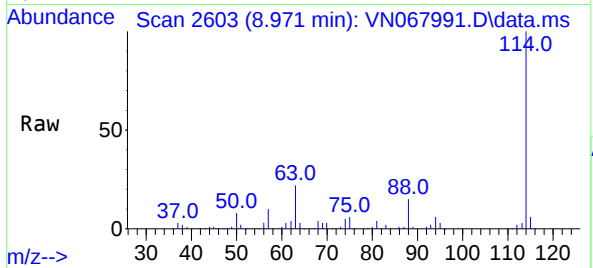


Tgt Ion: 65 Resp: 234578
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

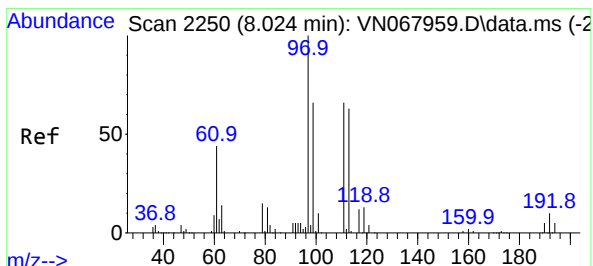
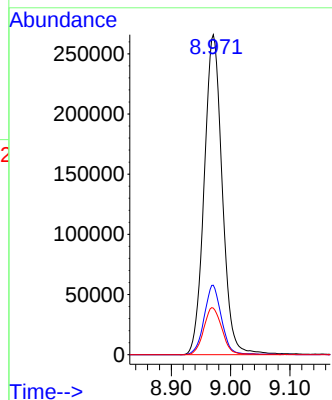
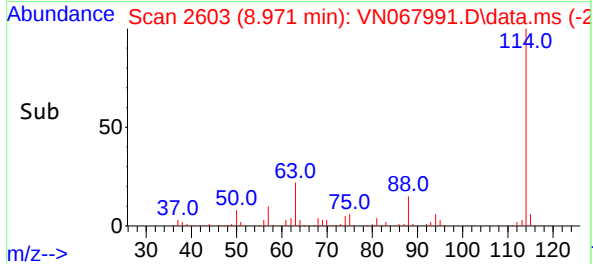




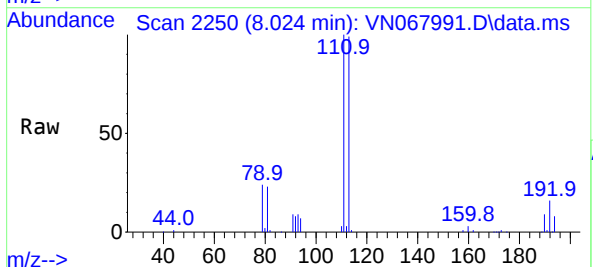
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03



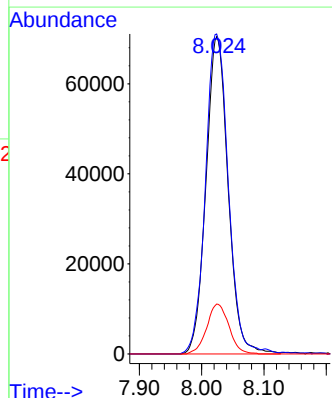
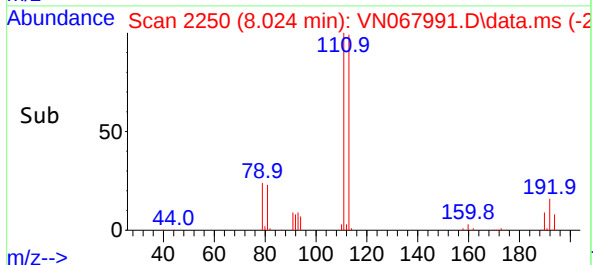
Tgt Ion:114 Resp: 561053
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.266 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03



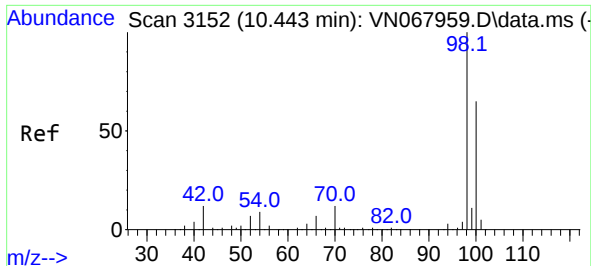
Tgt Ion:113 Resp: 174167
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 15.8 13.4 20.0



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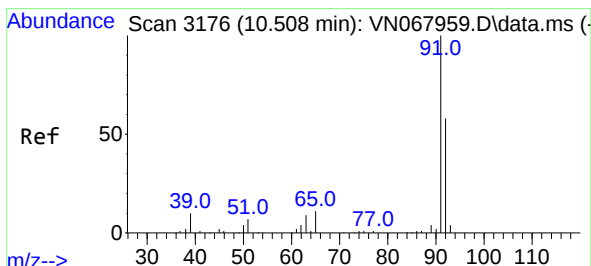
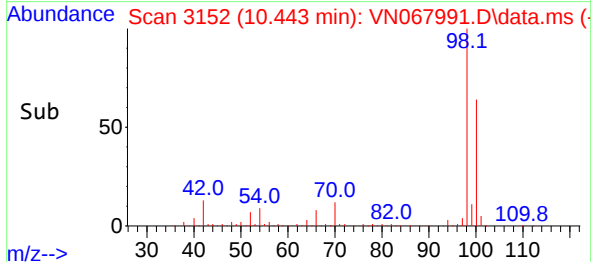
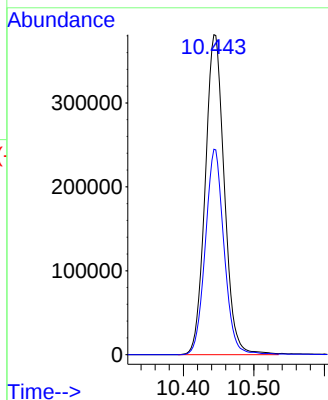
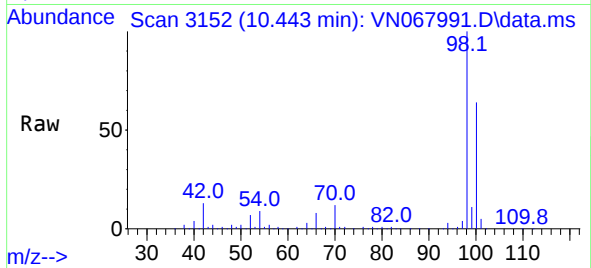
#50
Toluene-d8
Concen: 47.758 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

Tgt Ion: 98 Resp: 717831
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

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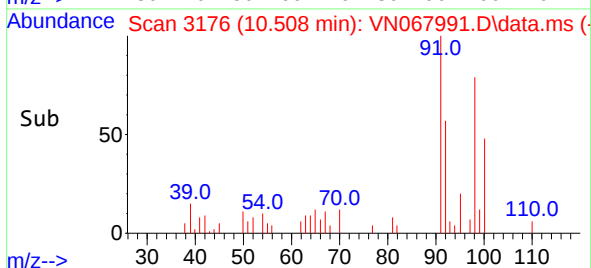
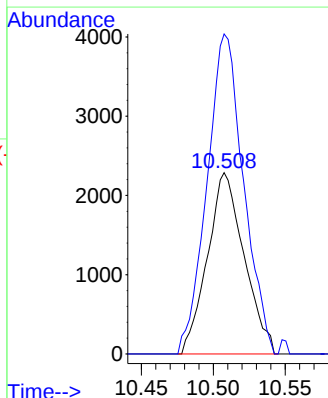
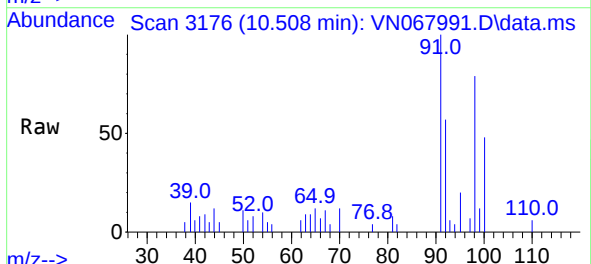
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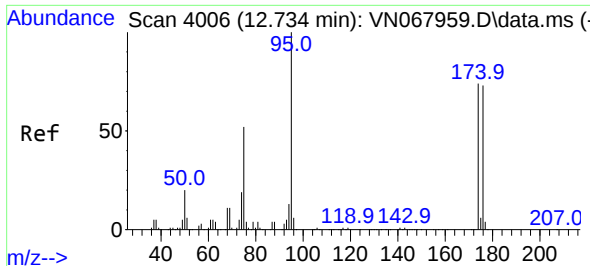
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#52
Toluene
Concen: 0.406 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

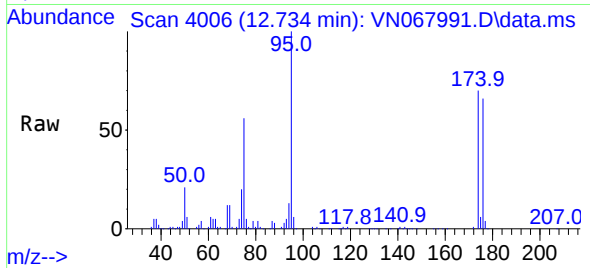
Tgt Ion: 92 Resp: 4057
Ion Ratio Lower Upper
92 100
91 176.1 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 44.364 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

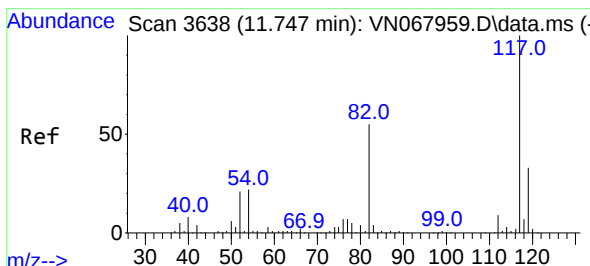
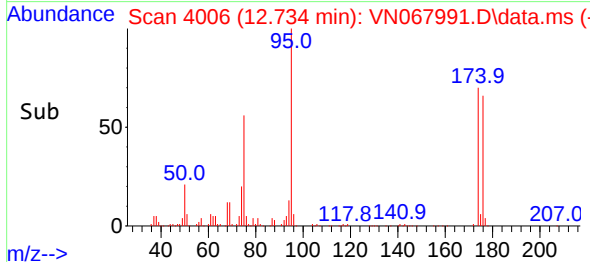
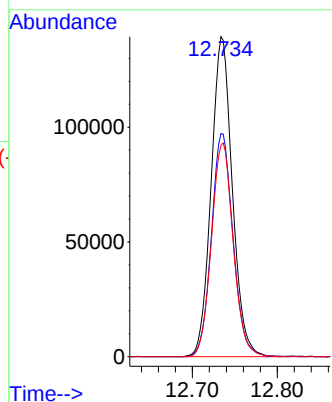
Instrument :
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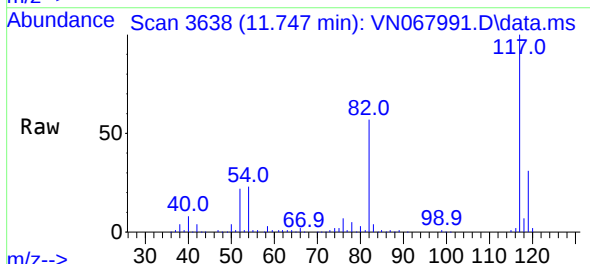
Tgt Ion: 95 Resp: 241596
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 68.5 0.0 117.6

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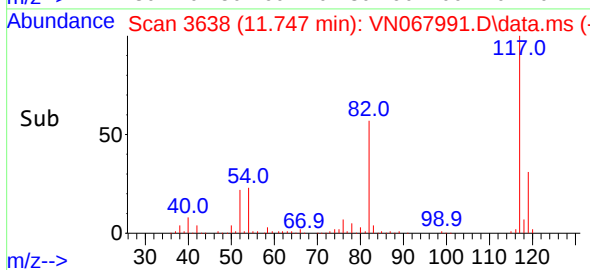
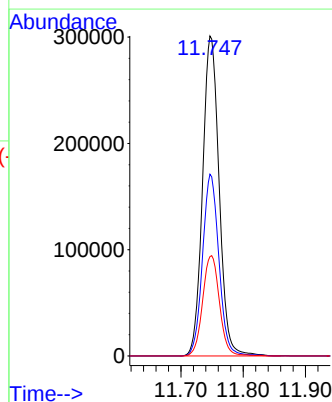
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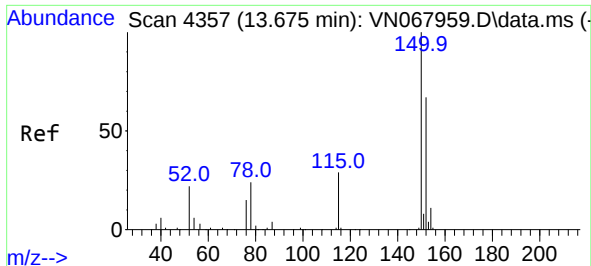


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03



Tgt Ion: 117 Resp: 555944
Ion Ratio Lower Upper
117 100
82 56.8 53.1 79.7
119 31.1 25.5 38.3





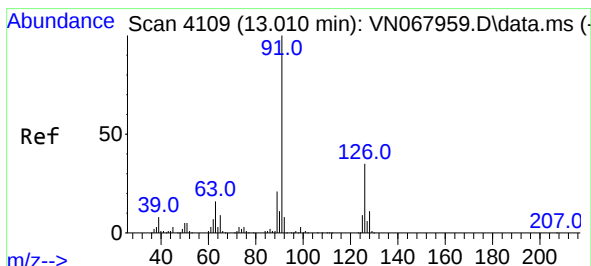
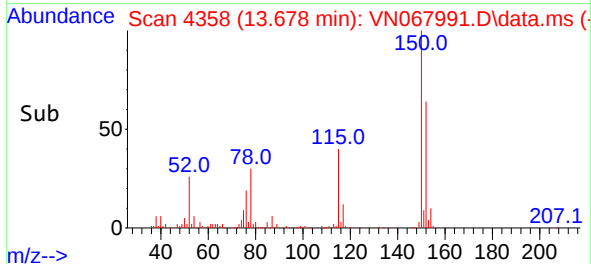
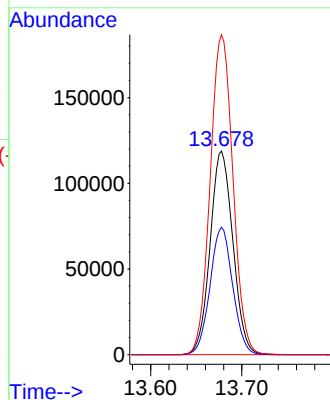
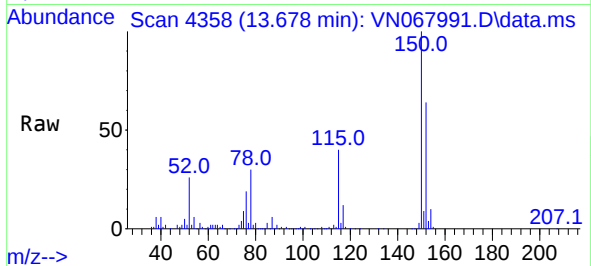
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1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

Tgt Ion:152 Resp: 206176
Ion Ratio Lower Upper
152 100
115 62.3 36.1 108.5
150 157.1 0.0 351.8

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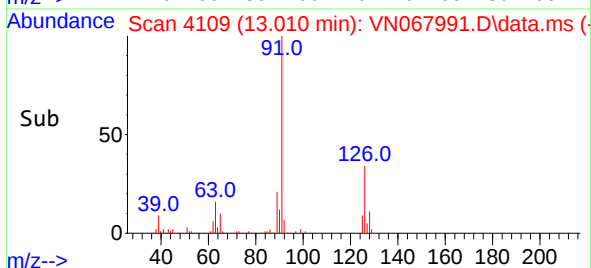
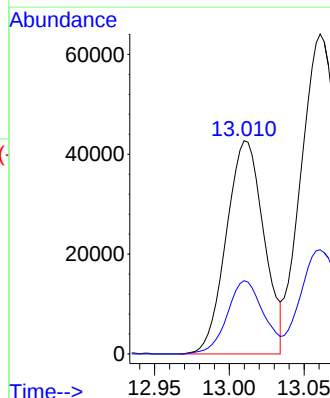
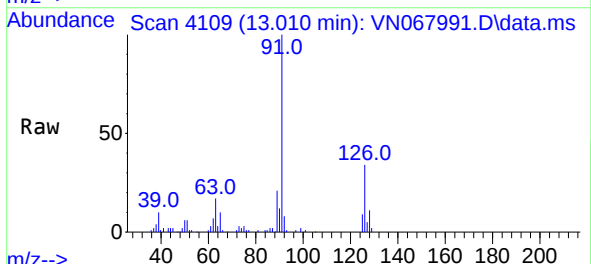
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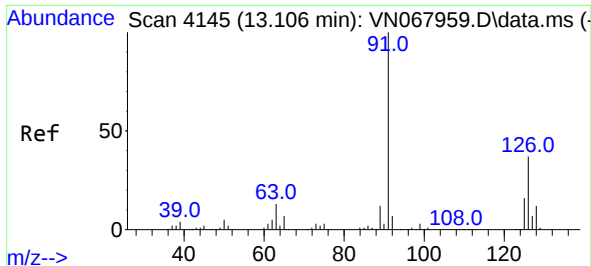
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#79
2-Chlorotoluene
Concen: 6.471 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

Tgt Ion: 91 Resp: 74862
Ion Ratio Lower Upper
91 100
126 33.3 14.5 43.5





#82
4-Chlorotoluene
Concen: 15.895 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067991.D
Acq: 3 Aug 2021 19:03

Tgt Ion: 91 Resp: 184621
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4

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