

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065922.D
 Acq On : 18 Feb 2021 3:23
 Operator : JC/MD
 Sample : M1432-02DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-130-138-021521DL

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:19:01 AM

Quant Time: Feb 18 04:07:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	170561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	289166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	271170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	99496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	114618	48.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.10%		
35) Dibromofluoromethane	7.550	113	86829	48.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.04%		
50) Toluene-d8	10.058	98	364477	49.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.22%		
62) 4-Bromofluorobenzene	12.373	95	128604	46.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.26%		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.795	96	1275m	0.56	ug/l	
52) Toluene	10.122	92	3210	0.60	ug/l	100

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

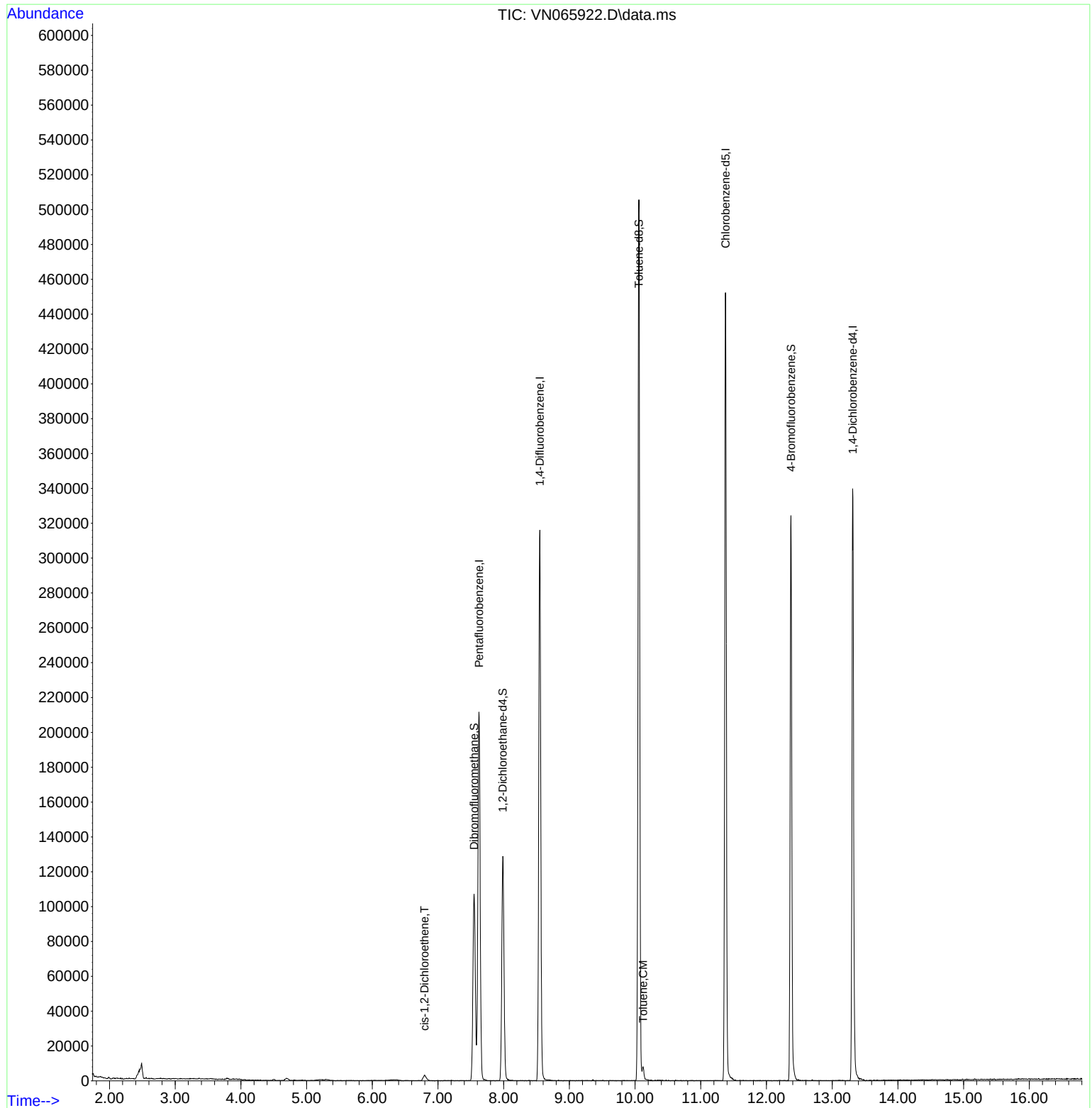
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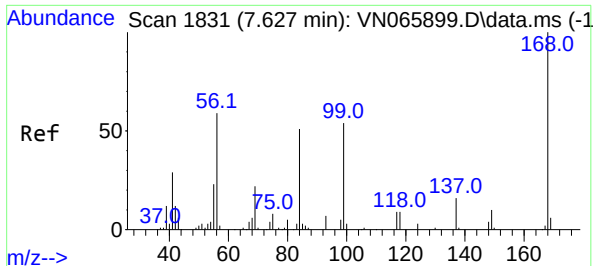
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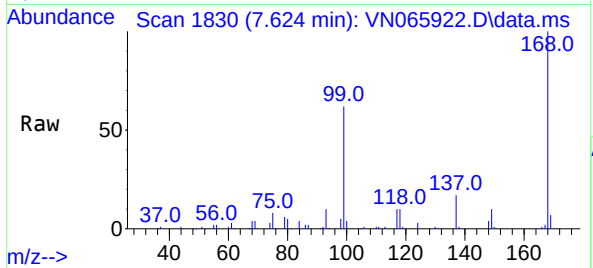
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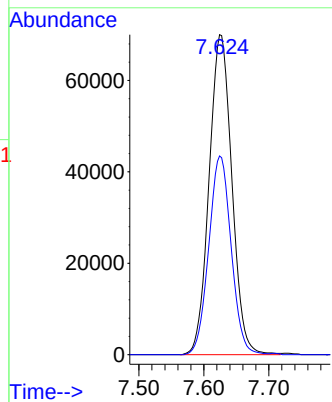
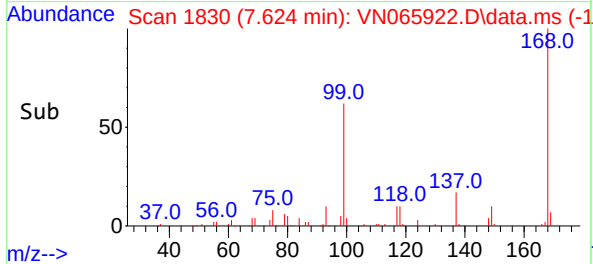




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23



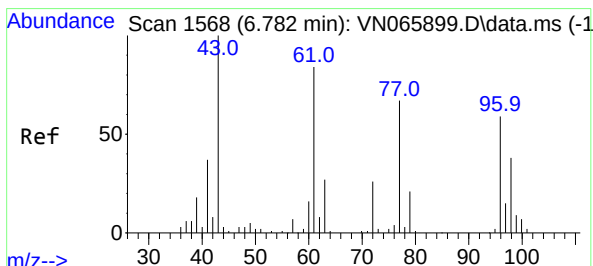
Tgt Ion:168 Resp: 170561
Ion Ratio Lower Upper
168 100
99 62.1 42.6 63.8



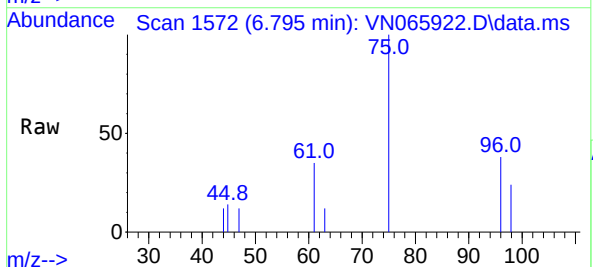
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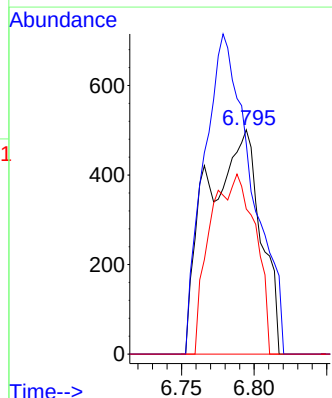
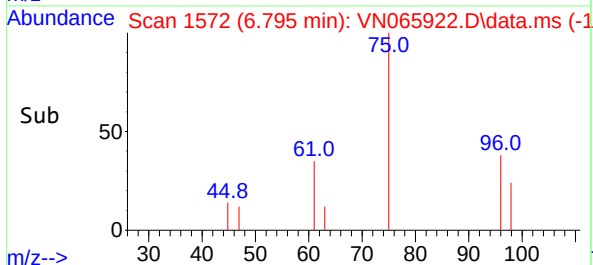
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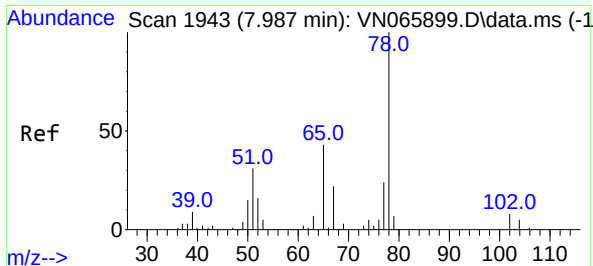


#27
cis-1,2-Dichloroethene
Concen: 0.56 ug/l m
RT: 6.795 min Scan# 1572
Delta R.T. 0.013 min
Lab File: VN065922.D
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Tgt Ion: 96 Resp: 1275
Ion Ratio Lower Upper
96 100
61 0.0 0.0 276.8
98 0.0 0.0 129.4





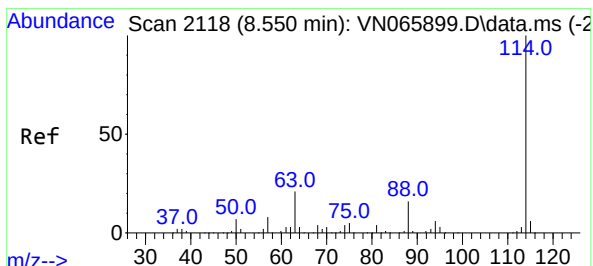
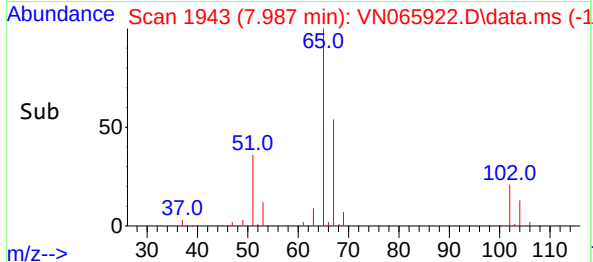
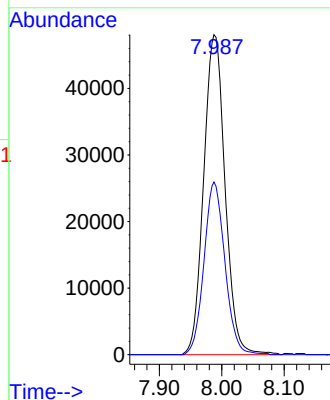
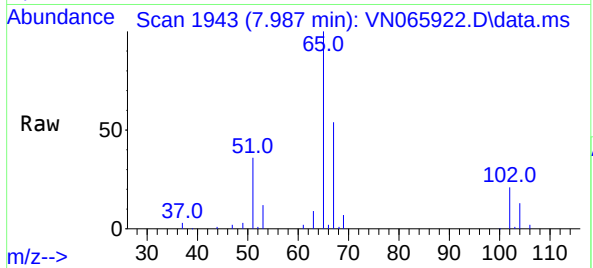
#33
1,2-Dichloroethane-d4
Concen: 48.05 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23

Tgt Ion: 65 Resp: 114618
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2

Instrument :
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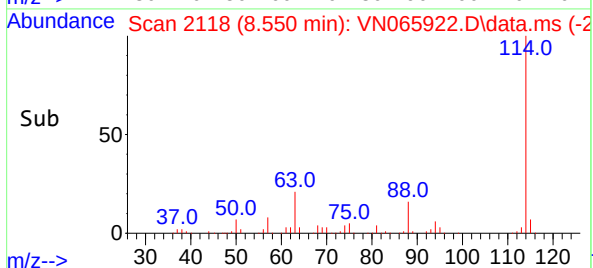
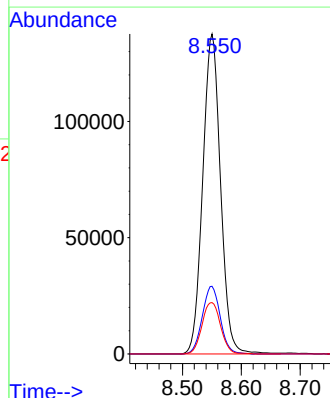
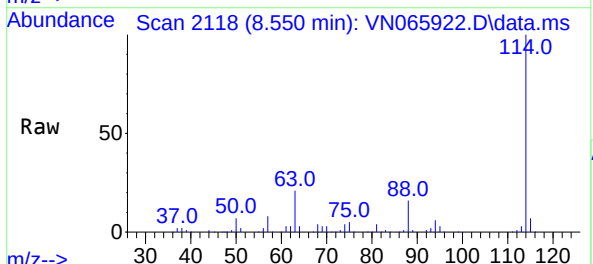
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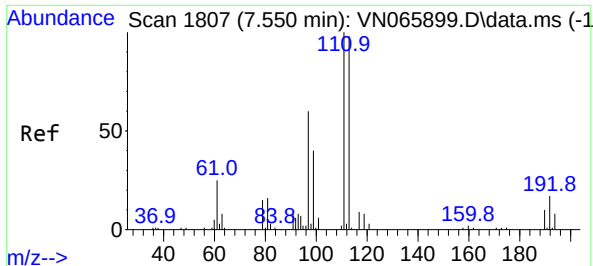
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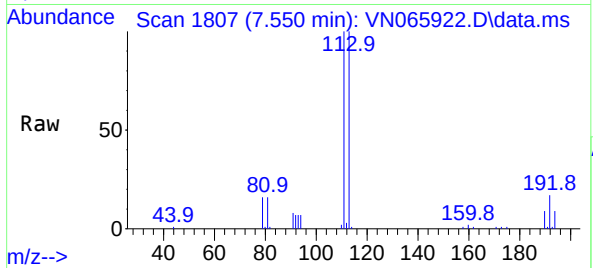
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23

Tgt Ion: 114 Resp: 289166
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.1 0.0 30.6

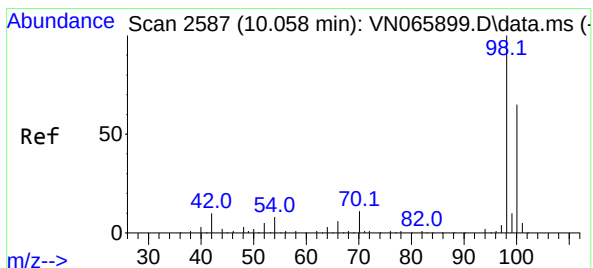
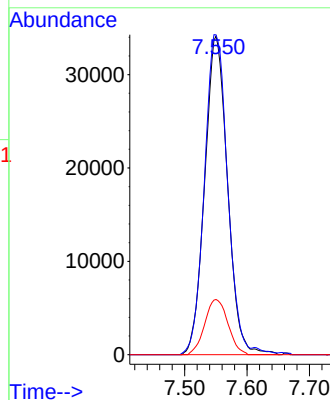
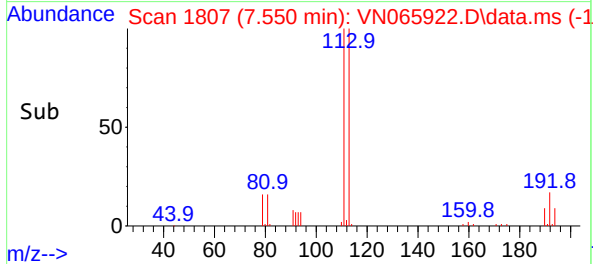




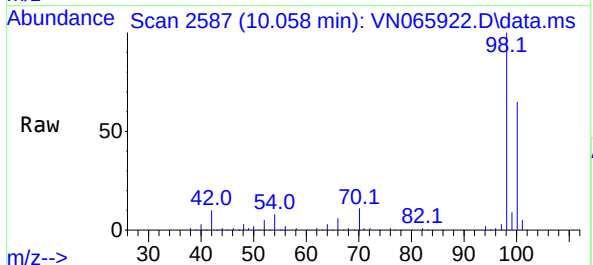
#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23



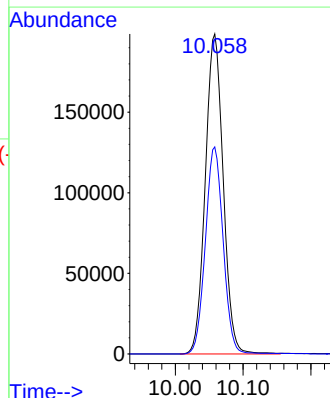
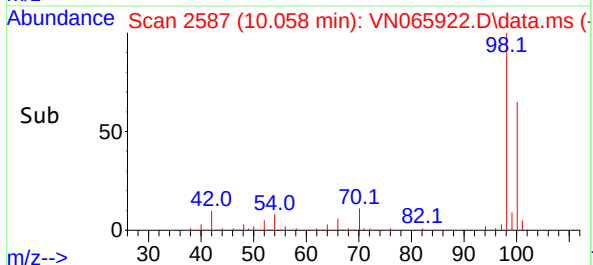
Tgt Ion:113 Resp: 86829
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 17.6 15.4 23.0



#50
Toluene-d8
Concen: 49.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23



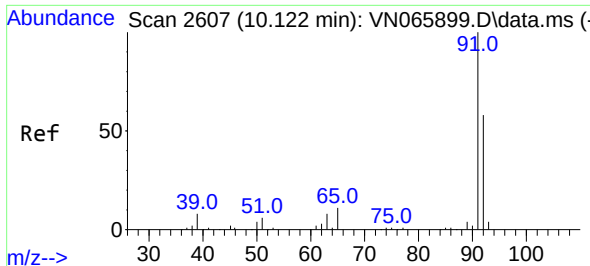
Tgt Ion: 98 Resp: 364477
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



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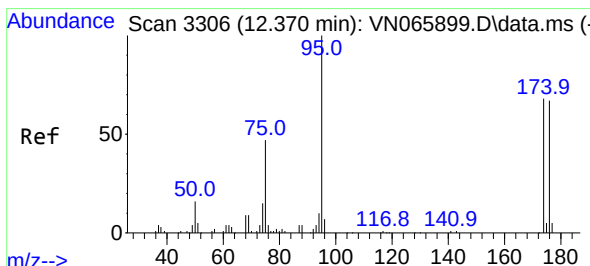
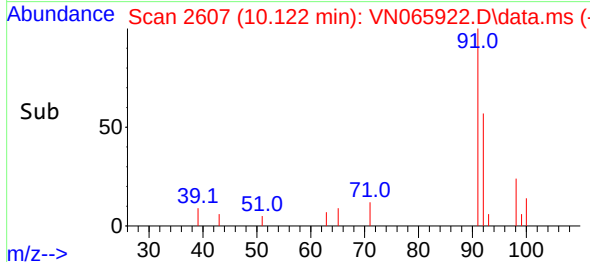
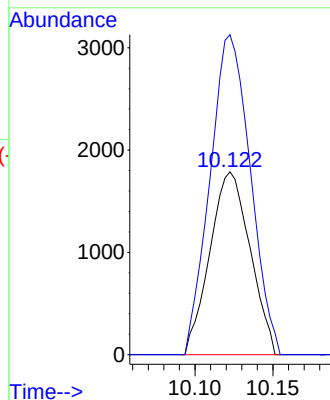
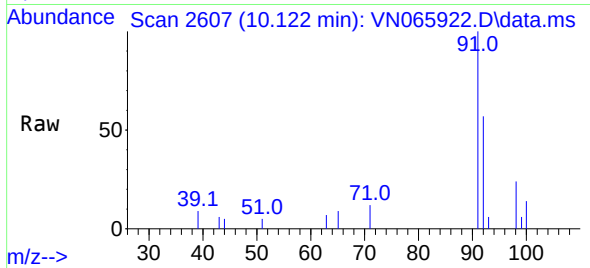
#52
Toluene
Concen: 0.60 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23

Tgt Ion: 92 Resp: 3210
Ion Ratio Lower Upper
92 100
91 175.4 140.7 211.1

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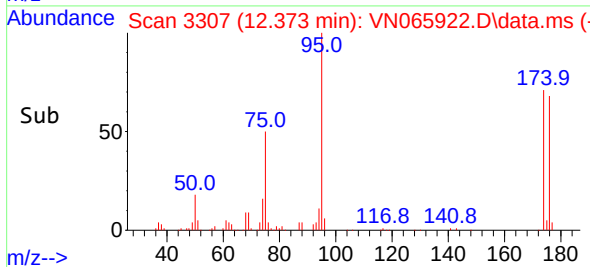
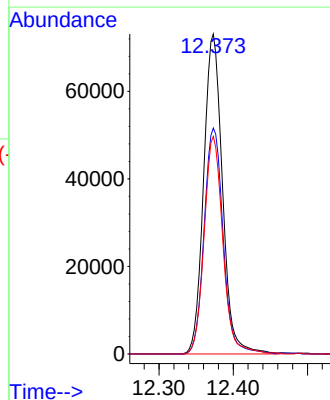
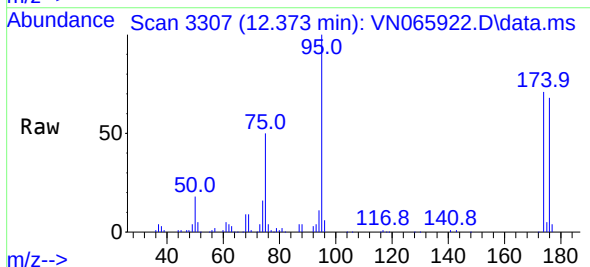
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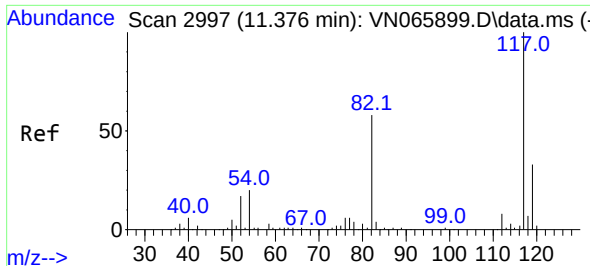
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#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23

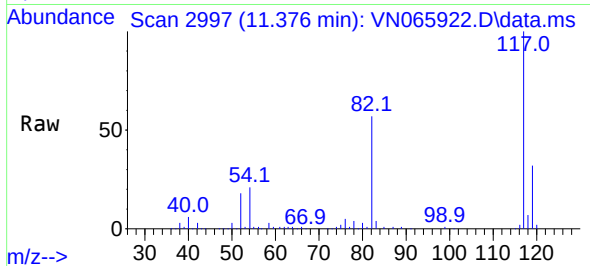
Tgt Ion: 95 Resp: 128604
Ion Ratio Lower Upper
95 100
174 71.5 0.0 169.0
176 67.5 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23

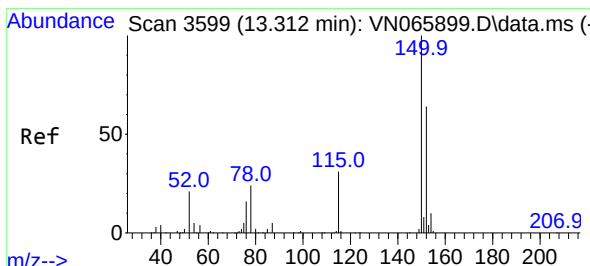
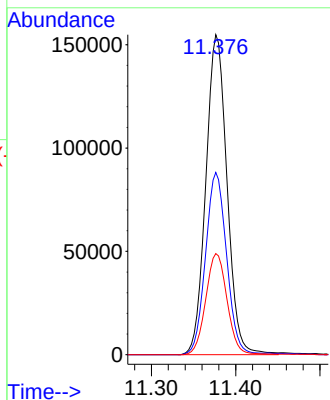
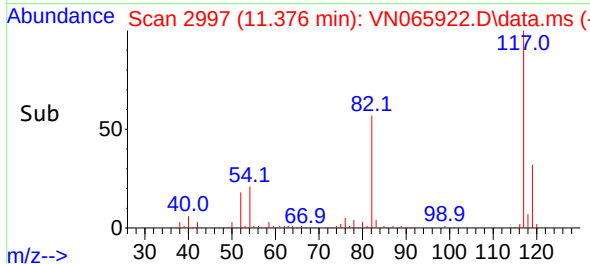
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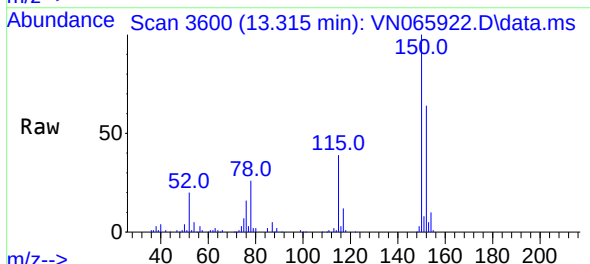
Tgt Ion:117 Resp: 271170
Ion Ratio Lower Upper
117 100
82 57.0 43.7 65.5
119 31.6 26.1 39.1

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065922.D
Acq: 18 Feb 2021 3:23



Tgt Ion:152 Resp: 99496
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 159.9 0.0 347.6

