

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069195.D
 Acq On : 26 Oct 2021 19:16
 Operator : JC/MD
 Sample : M4337-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DDC-8-PS

Manual Integrations
 APPROVED

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Quant Time: Oct 27 06:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	331650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	577414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	558379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216095	49.419	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.840%			
35) Dibromofluoromethane	8.027	113	170252	50.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.360%			
50) Toluene-d8	10.443	98	716570	53.310	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.733	95	254960	50.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.540%			
Target Compounds					Qvalue	
16) Acetone	4.309	43	3009m	1.844	ug/l	
30) Chloroform	7.823	83	4027	0.589	ug/l	92

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

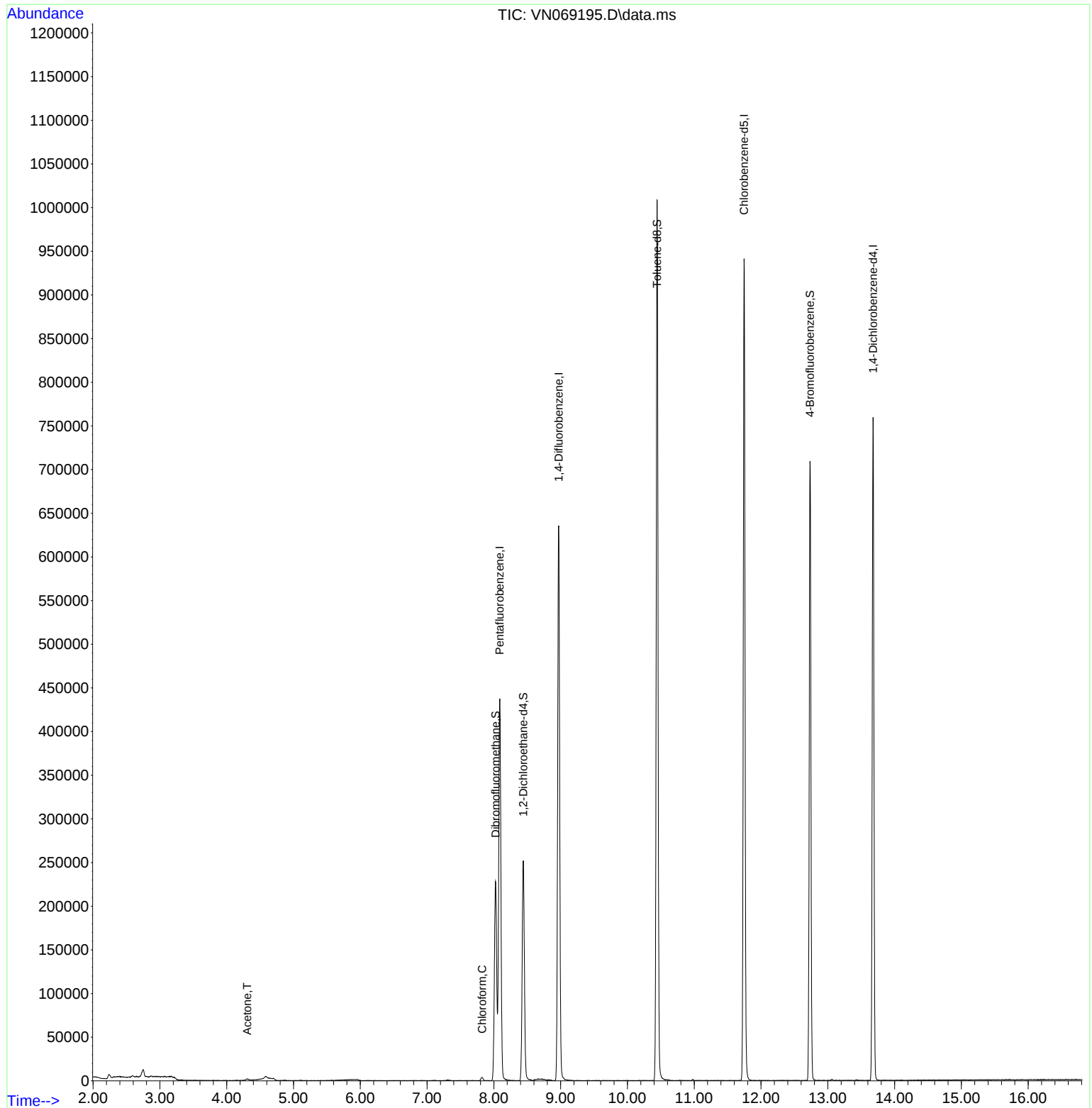
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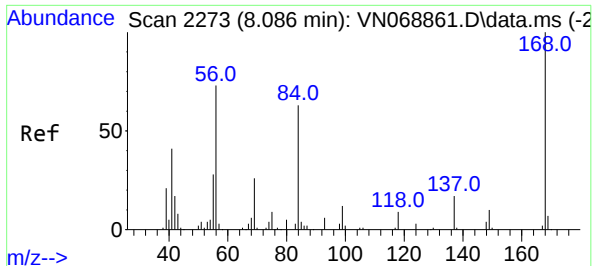
Instrument :
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ClientSampleId :
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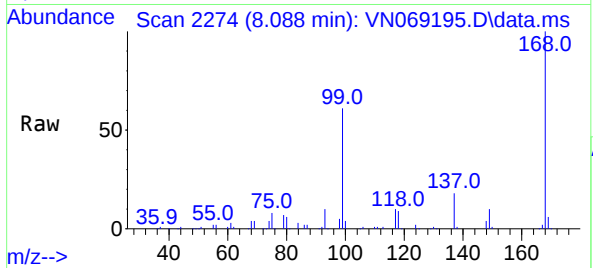
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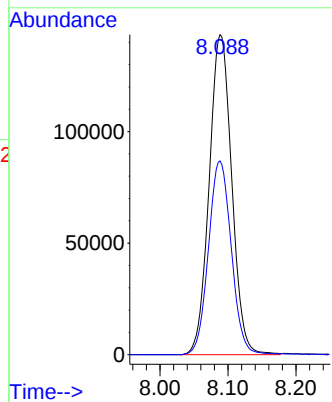
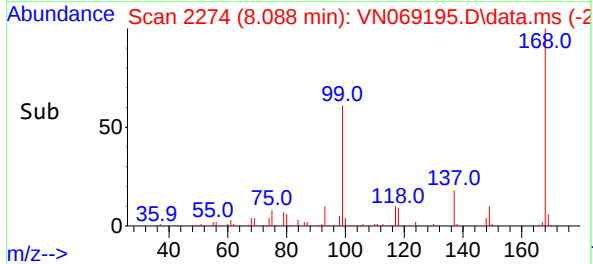




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16



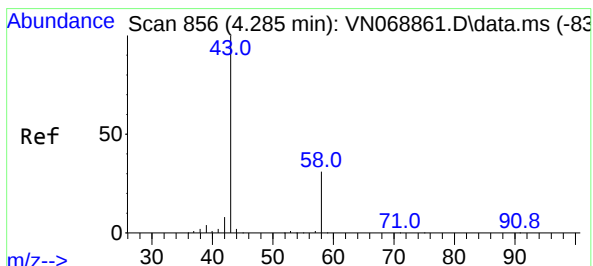
Tgt Ion: 168 Resp: 331650
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



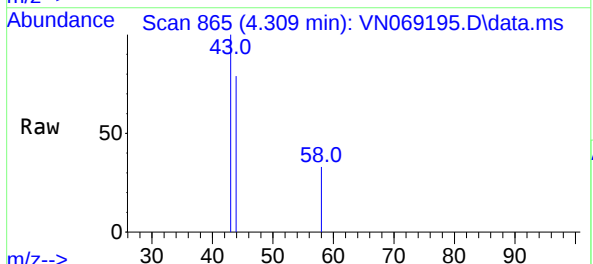
Instrument :
MSVOA_N
ClientSampleId :
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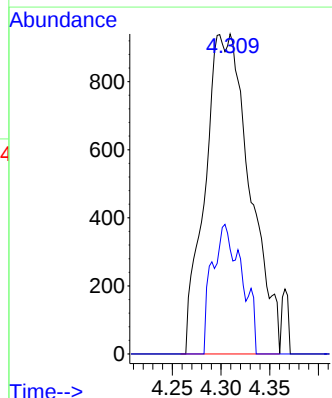
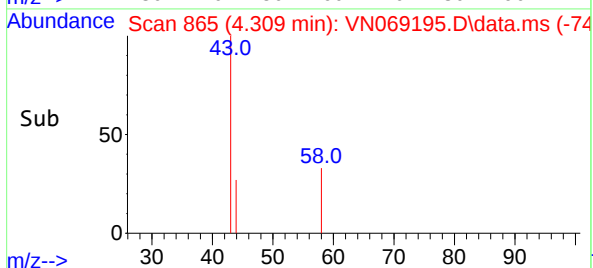
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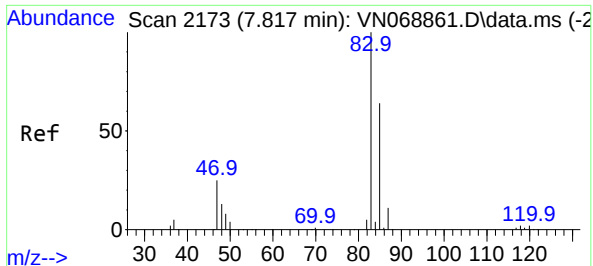


#16
Acetone
Concen: 1.844 ug/l m
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16



Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
58 32.8 24.5 36.7





#30

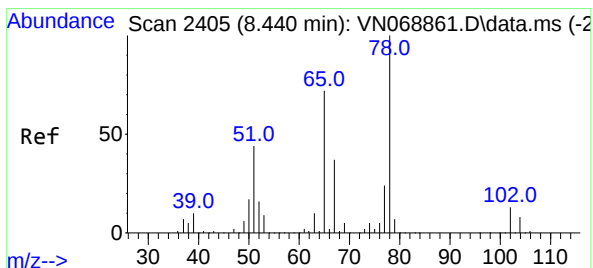
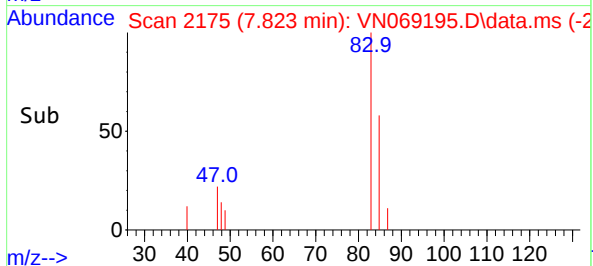
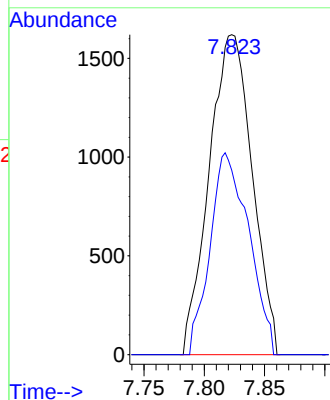
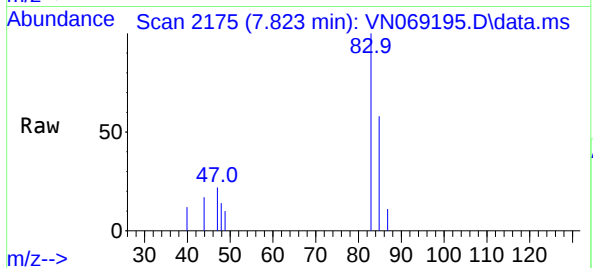
Chloroform
Concen: 0.589 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 4027
Ion Ratio Lower Upper
83 100
85 57.7 51.1 76.7

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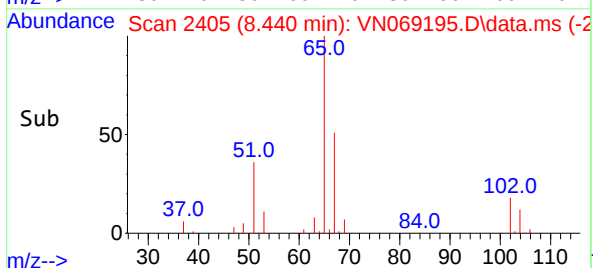
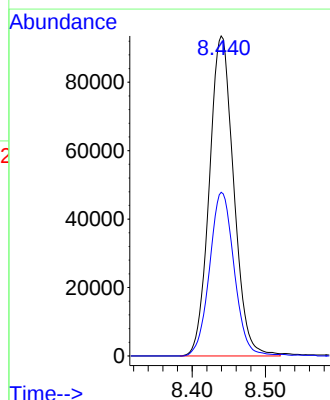
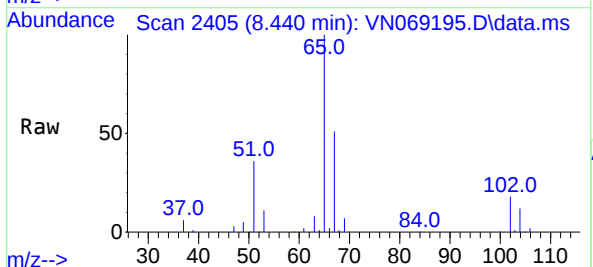
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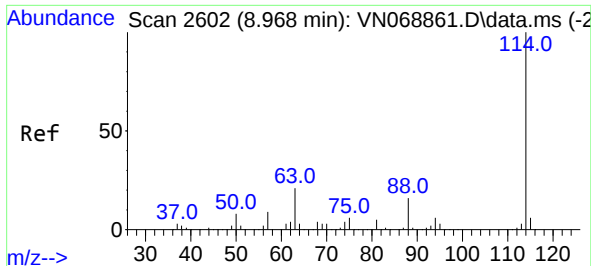


#33

1,2-Dichloroethane-d4
Concen: 49.419 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 65 Resp: 216095
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8





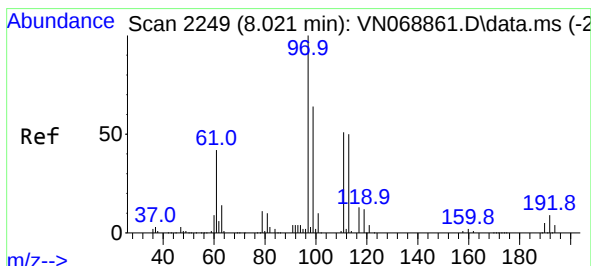
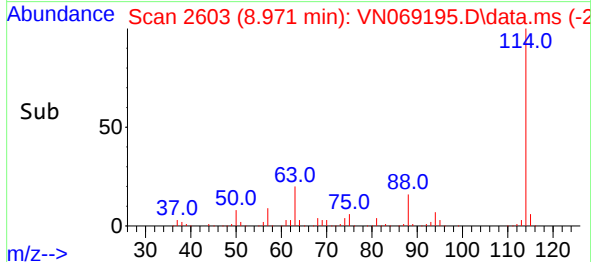
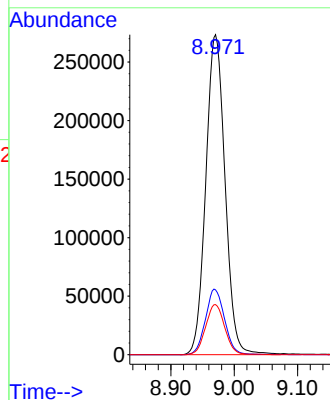
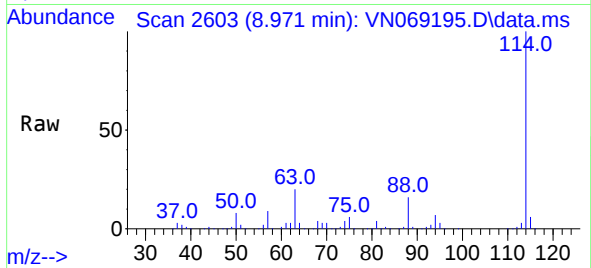
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion:114 Resp: 577414
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.6 0.0 32.0

Instrument :
MSVOA_N
ClientSampled :
DDC-8-PS

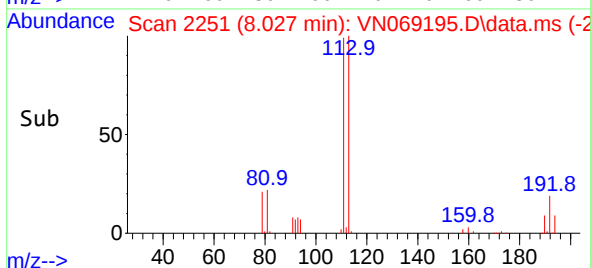
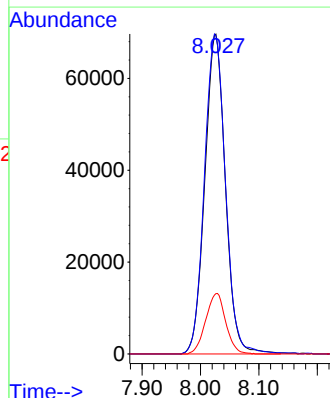
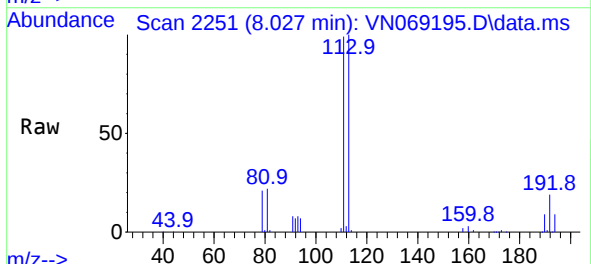
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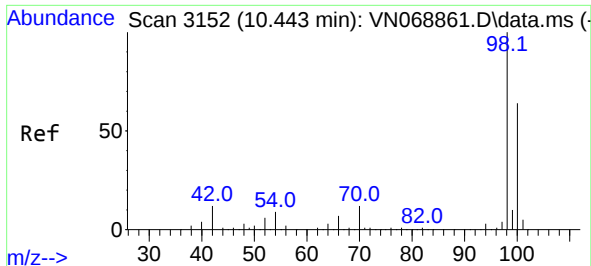
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#35
Dibromofluoromethane
Concen: 50.679 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion:113 Resp: 170252
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 18.4 15.0 22.4





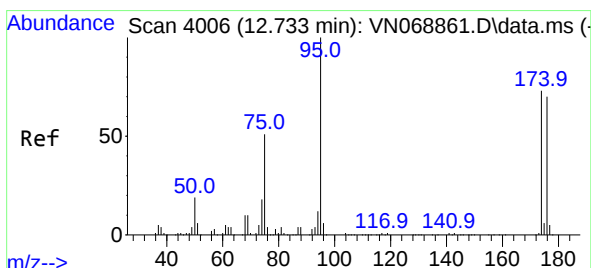
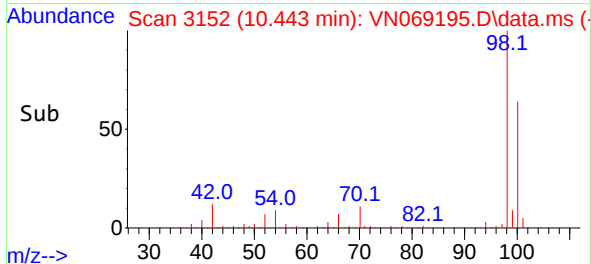
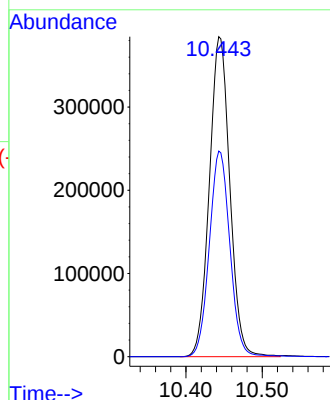
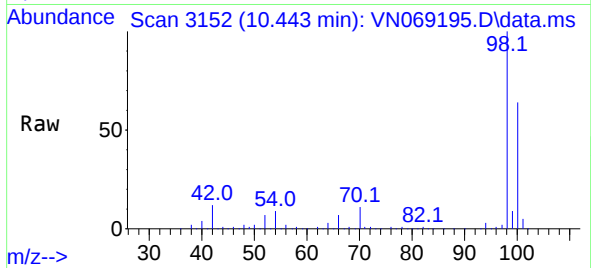
#50
Toluene-d8
Concen: 53.310 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
DDC-8-PS

Tgt Ion: 98 Resp: 716570
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

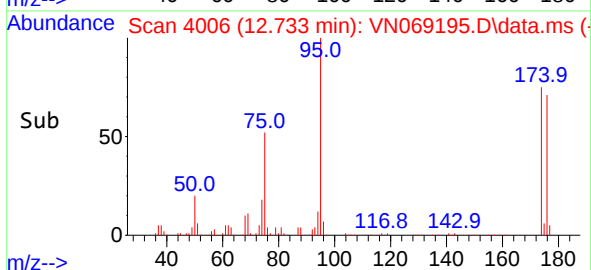
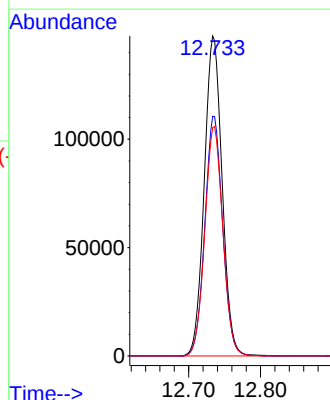
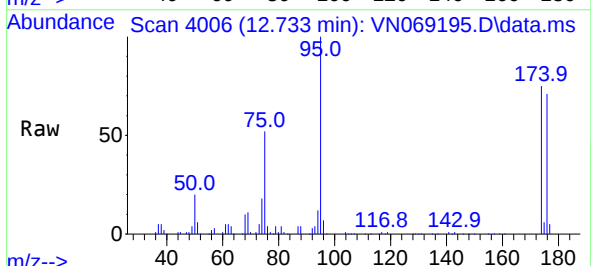
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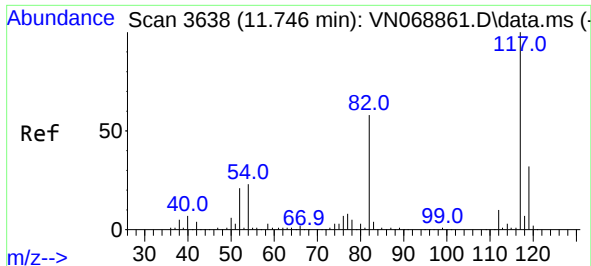
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#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion: 95 Resp: 254960
Ion Ratio Lower Upper
95 100
174 74.9 0.0 144.8
176 72.5 0.0 140.0





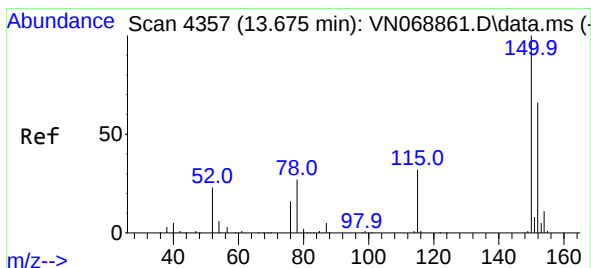
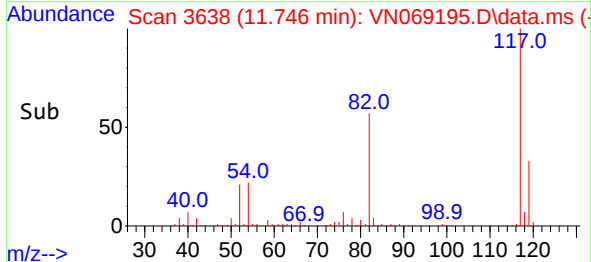
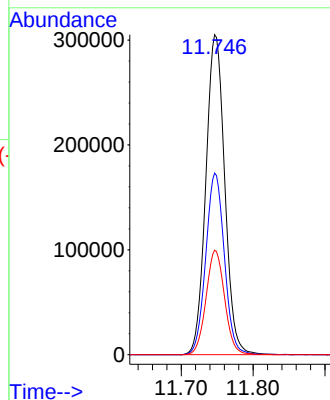
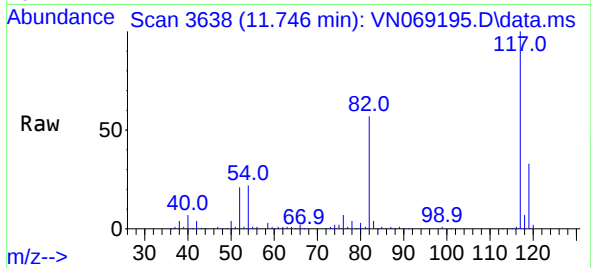
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Instrument :
MSVOA_N
ClientSampled :
DDC-8-PS

Tgt Ion:117 Resp: 558379
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.7 26.0 39.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069195.D
Acq: 26 Oct 2021 19:16

Tgt Ion:152 Resp: 203413
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 158.0 0.0 351.0

