

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069027.D
 Acq On : 19 Oct 2021 15:43
 Operator : JC/MD
 Sample : M4251-07RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RR-54RE

Quant Time: Oct 20 05:48:49 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)

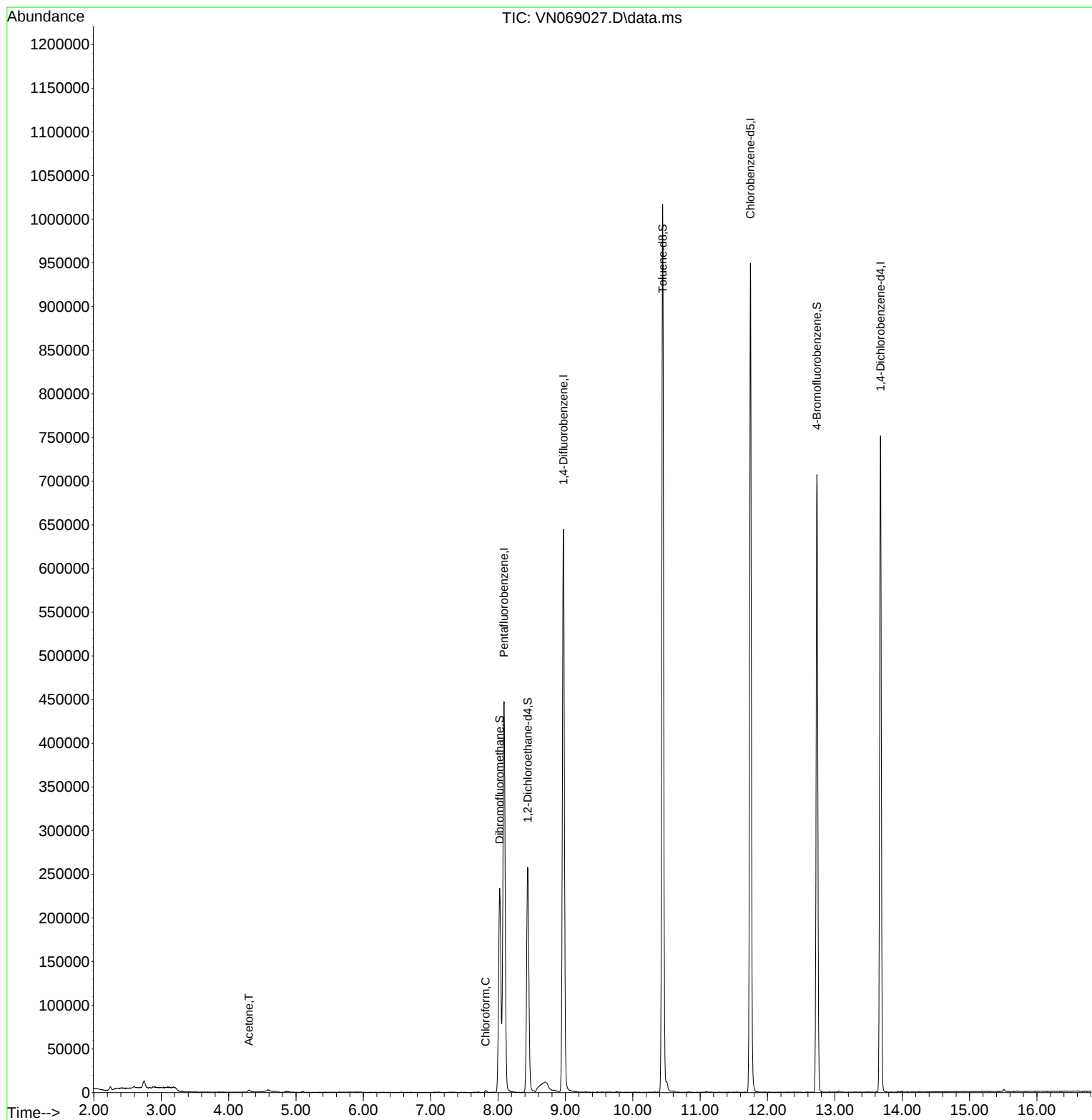
Internal Standards						
1) Pentafluorobenzene	8.088	168	339144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	589692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	554574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	202637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219679	49.129	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.260%
35) Dibromofluoromethane	8.024	113	175026	51.015	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.020%
50) Toluene-d8	10.443	98	733010	53.397	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.733	95	256040	49.436	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.880%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	4231	2.536	ug/l	99
30) Chloroform	7.815	83	1983	0.283	ug/l	95

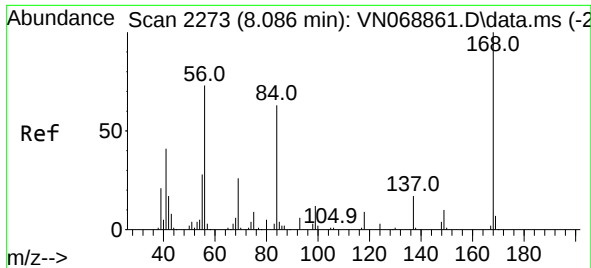
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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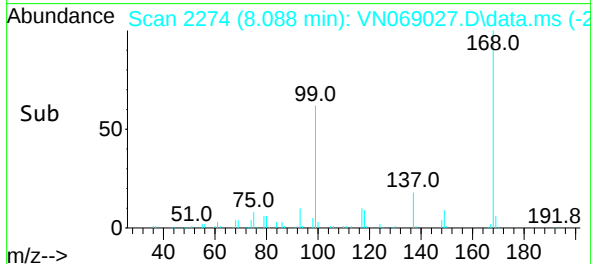
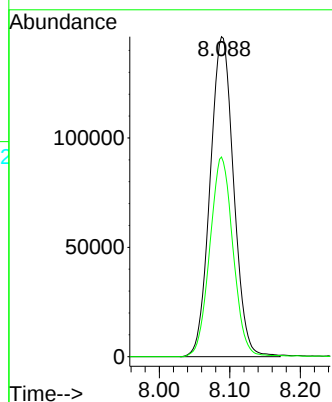
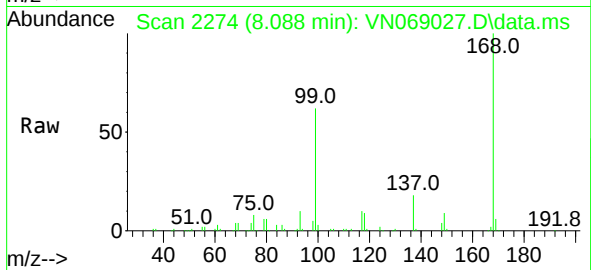




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

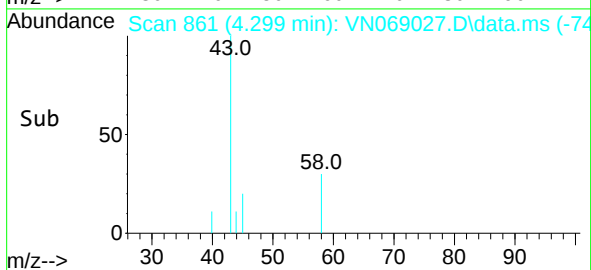
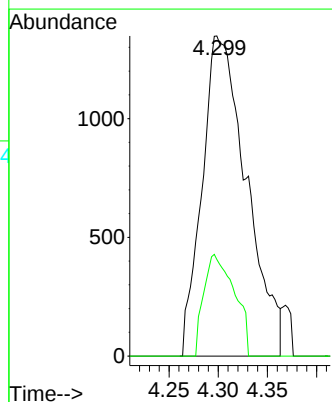
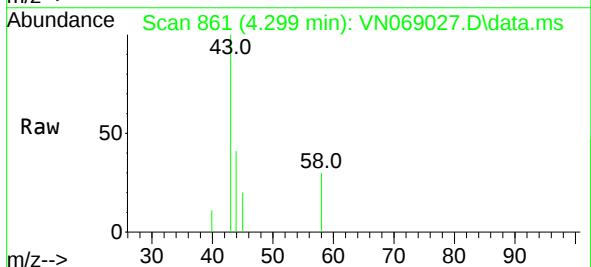
Instrument :
MSVOA_N
ClientSampled :
RR-54RE

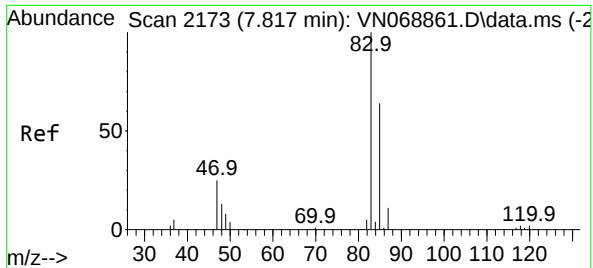
Tgt Ion:168 Resp: 339144
Ion Ratio Lower Upper
168 100
99 62.4 48.9 73.3



#16
Acetone
Concen: 2.536 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 43 Resp: 4231
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7





#30

Chloroform

Concen: 0.283 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN069027.D

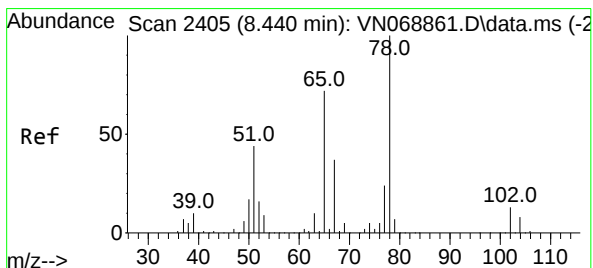
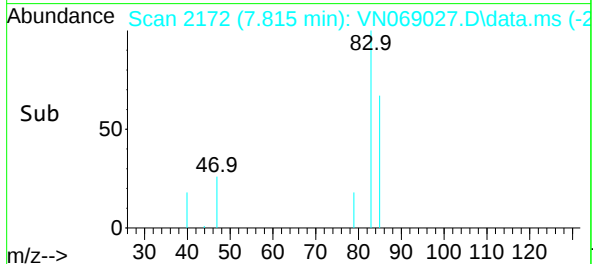
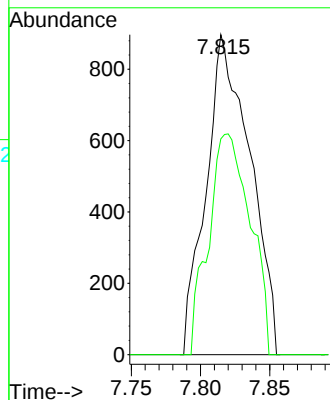
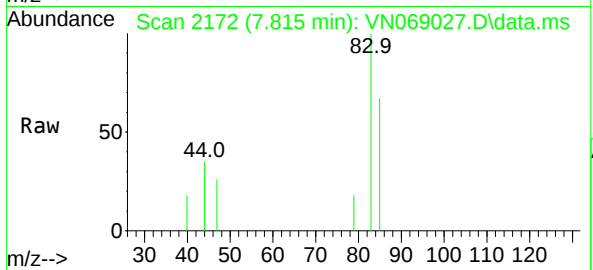
Acq: 19 Oct 2021 15:43

Tgt Ion: 83 Resp: 1983

Ion Ratio Lower Upper

83 100

85 67.4 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 49.129 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069027.D

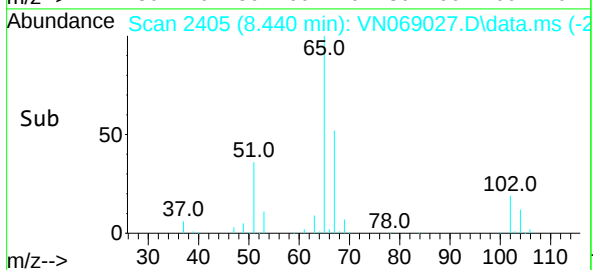
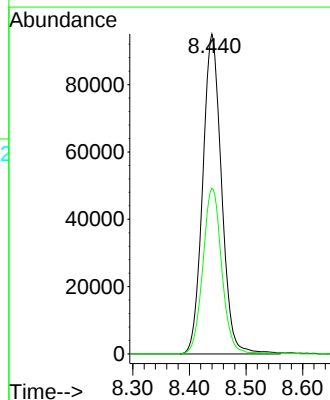
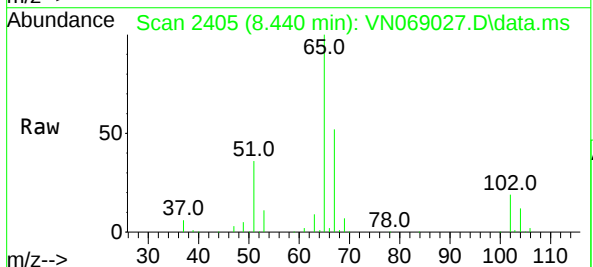
Acq: 19 Oct 2021 15:43

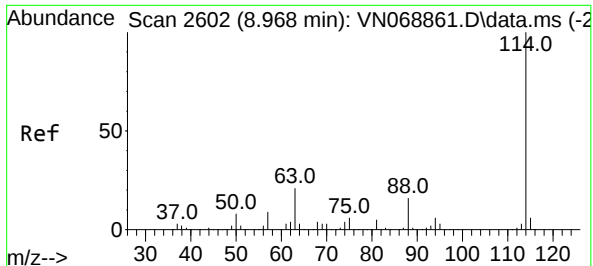
Tgt Ion: 65 Resp: 219679

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.8

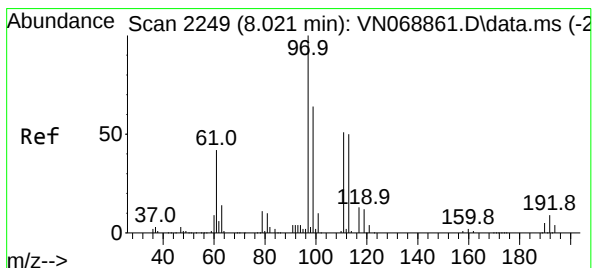
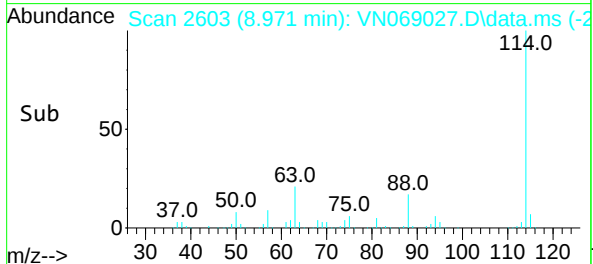
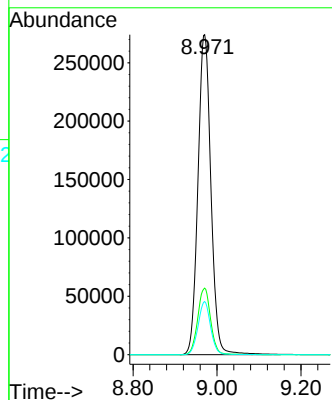
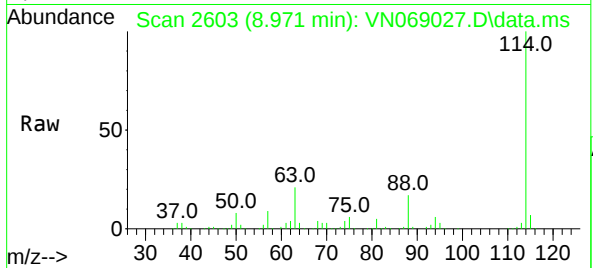




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

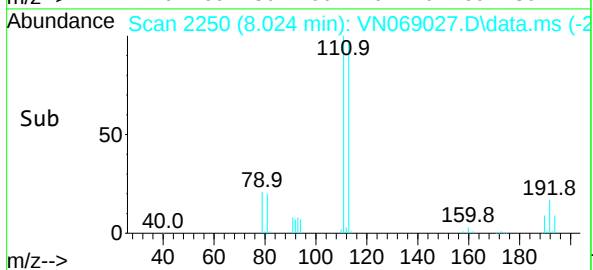
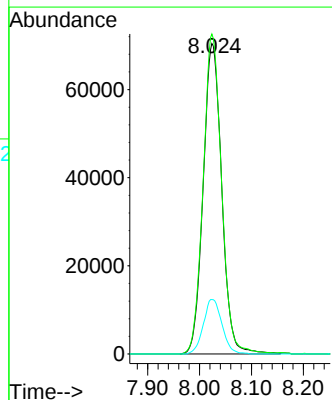
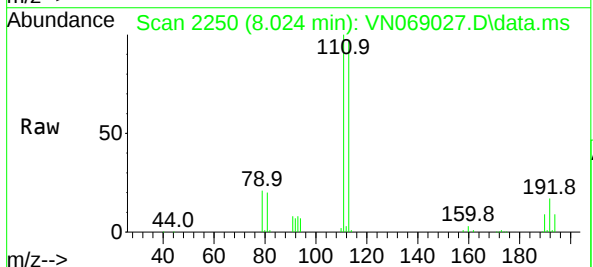
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MSVOA_N
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RR-54RE

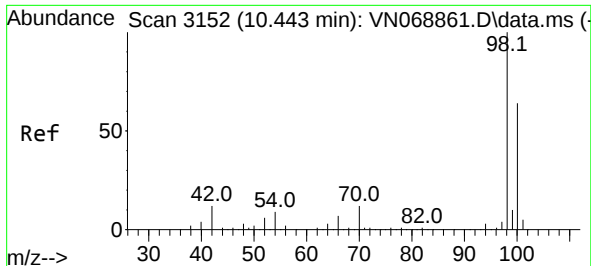
Tgt Ion:114 Resp: 589692
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.015 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion:113 Resp: 175026
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.6 15.0 22.4

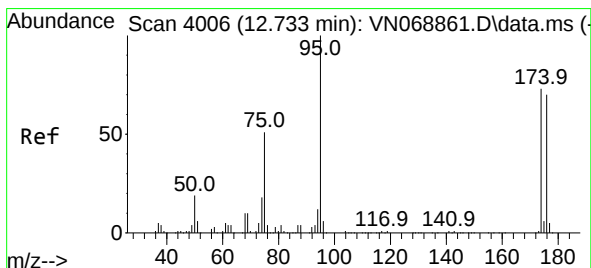
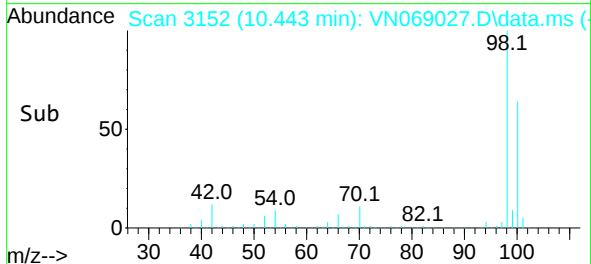
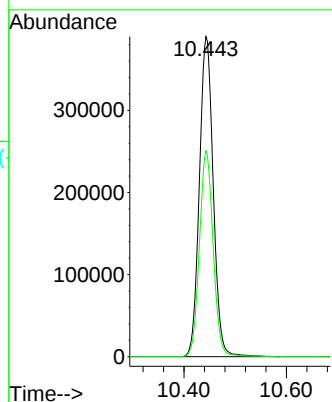
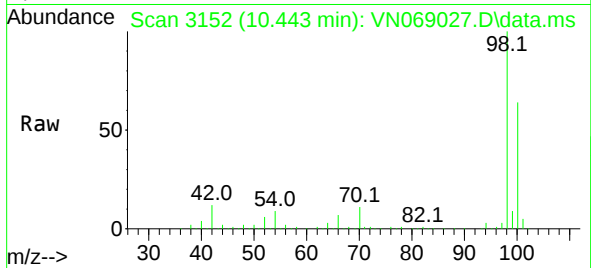




#50
Toluene-d8
Concen: 53.397 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

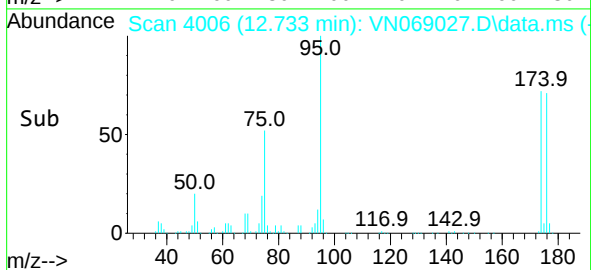
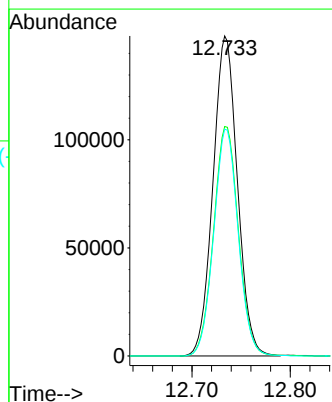
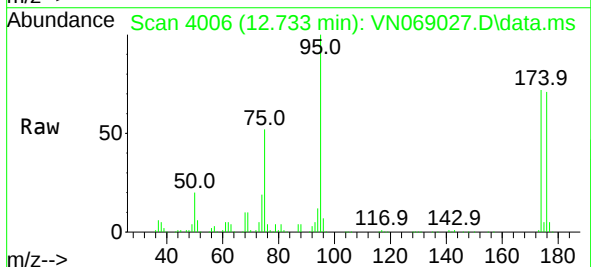
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MSVOA_N
ClientSampled :
RR-54RE

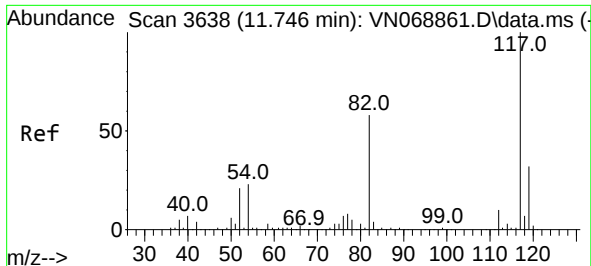
Tgt Ion: 98 Resp: 733010
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.436 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion: 95 Resp: 256040
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.8
176 70.9 0.0 140.0

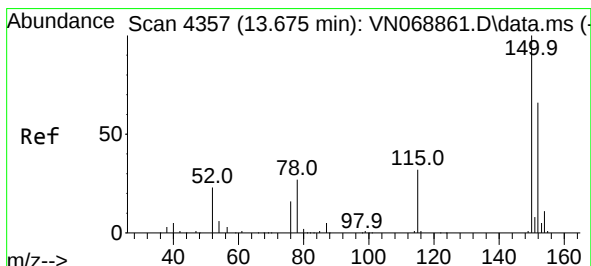
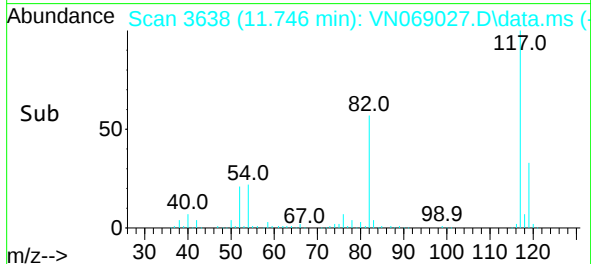
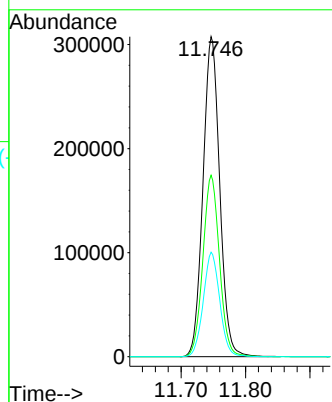
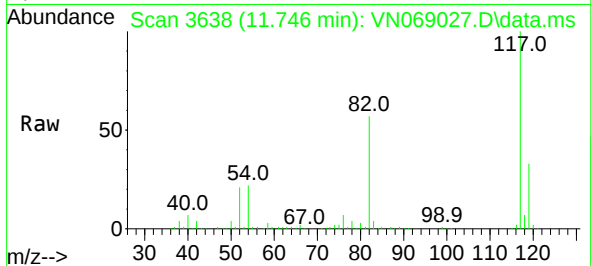




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Instrument :
MSVOA_N
ClientSampled :
RR-54RE

Tgt Ion:117 Resp: 554574
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069027.D
Acq: 19 Oct 2021 15:43

Tgt Ion:152 Resp: 202637
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 159.0 0.0 351.0

