

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069558.D
 Acq On : 18 Nov 2021 17:25
 Operator : JC/MD
 Sample : M4739-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23A

Quant Time: Nov 19 03:19:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

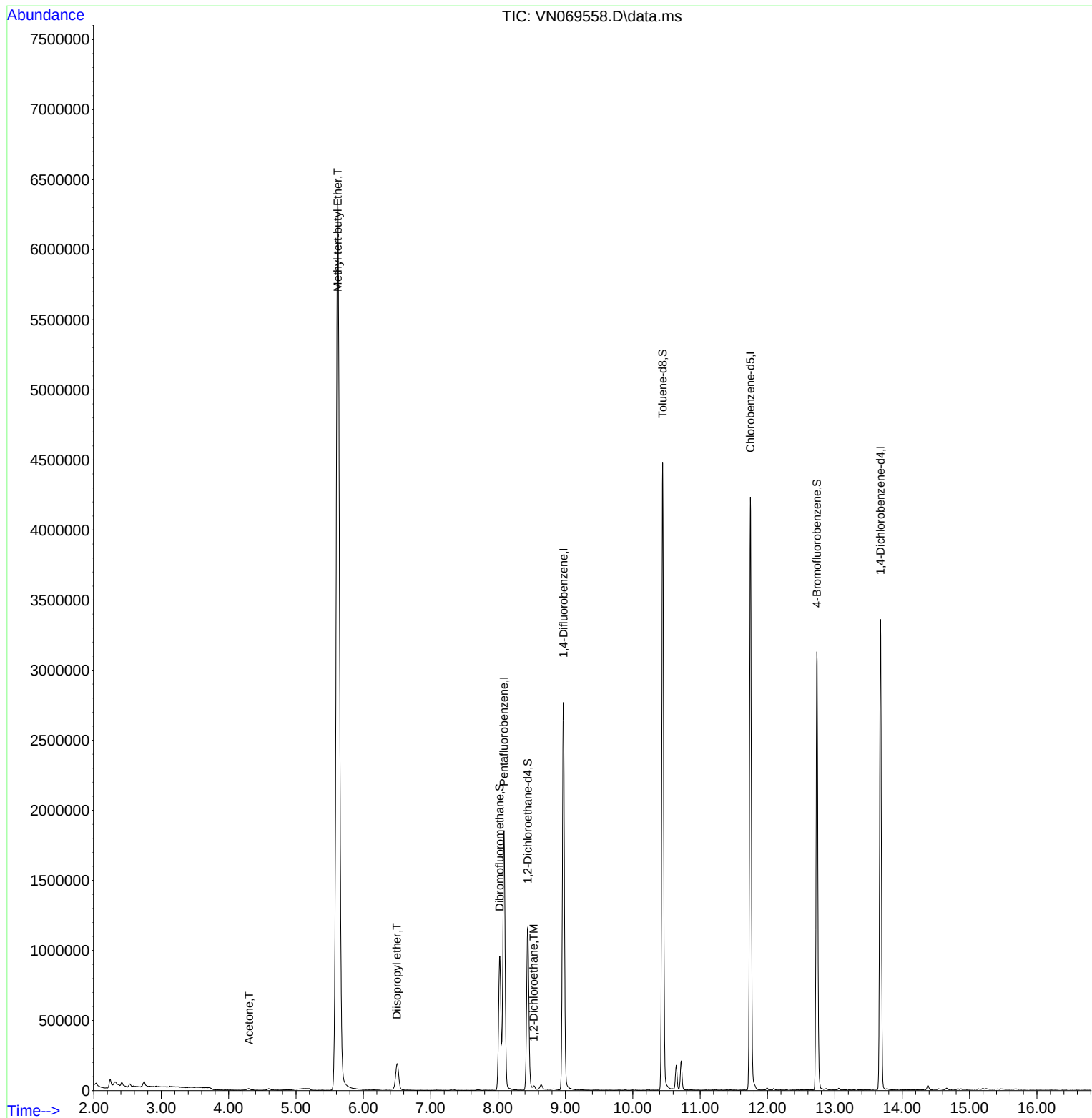
Internal Standards						
1) Pentafluorobenzene	8.088	168	1366934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2374098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2382935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	890291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1017364	51.331	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.660%
35) Dibromofluoromethane	8.024	113	695472	48.843	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.680%
50) Toluene-d8	10.443	98	3035179	54.199	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.733	95	1083631	52.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.340%
Target Compounds						
						Qvalue
16) Acetone	4.301	43	16627	1.555	ug/l	# 86
19) Methyl tert-butyl Ether	5.621	73	9946161	212.130	ug/l	96
22) Diisopropyl ether	6.498	45	240667	4.561	ug/l	91
42) 1,2-Dichloroethane	8.531	62	20039	0.830	ug/l	84

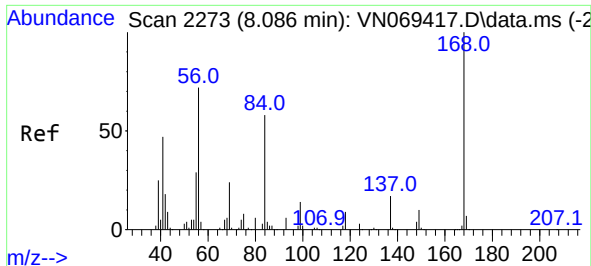
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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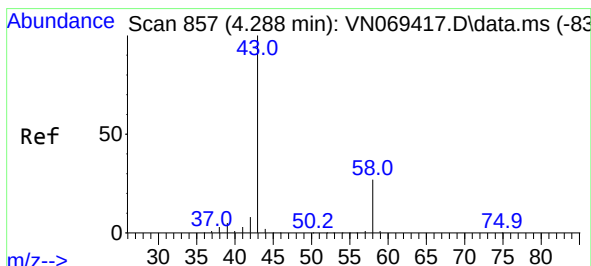
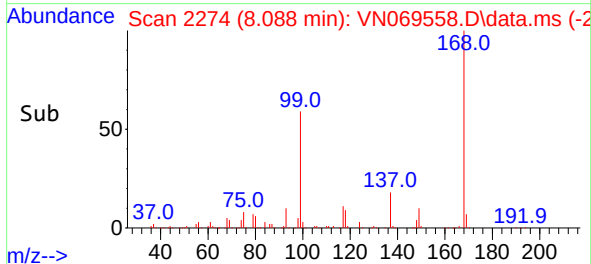
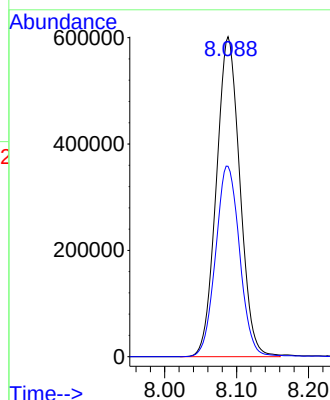
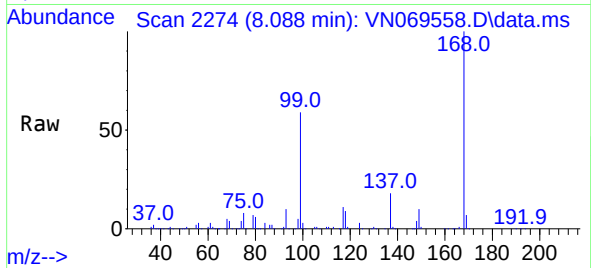




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

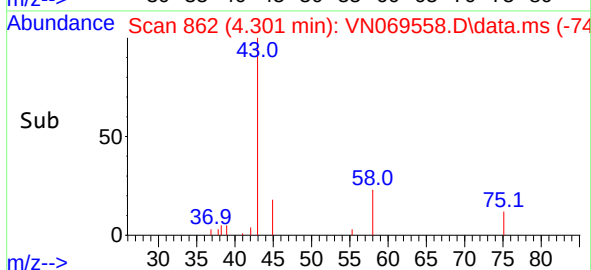
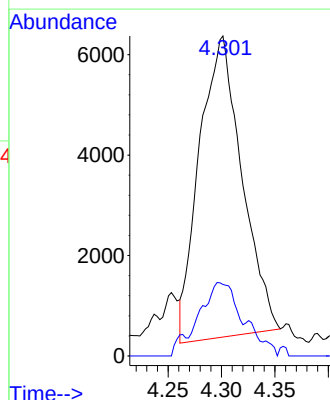
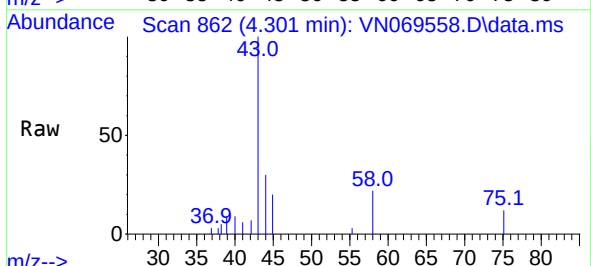
Instrument :
MSVOA_N
ClientSampleId :
MW-23A

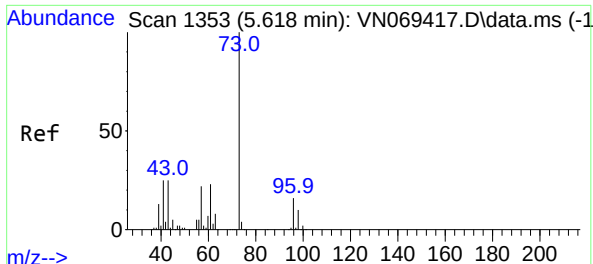
Tgt Ion:168 Resp: 1366934
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#16
Acetone
Concen: 1.555 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

Tgt Ion: 43 Resp: 16627
Ion Ratio Lower Upper
43 100
58 21.7 23.1 34.7#





#19

Methyl tert-butyl Ether

Concen: 212.130 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069558.D

Acq: 18 Nov 2021 17:25

Instrument :

MSVOA_N

ClientSampleId :

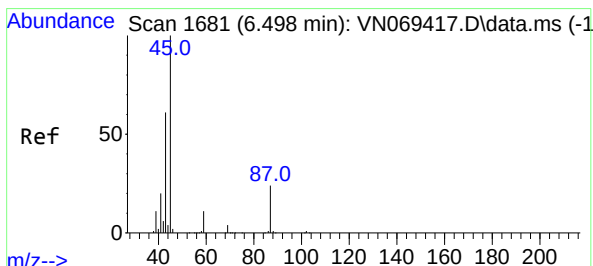
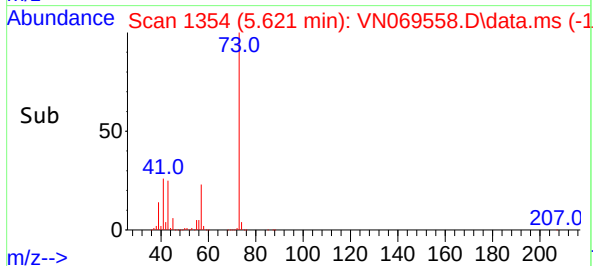
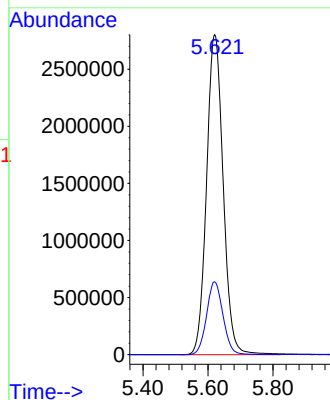
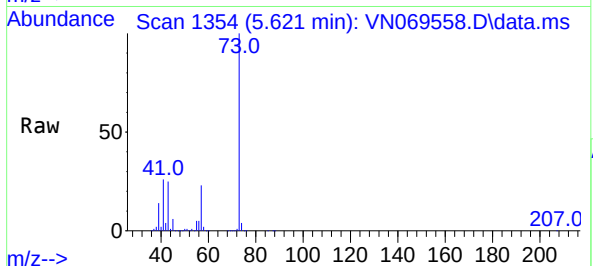
MW-23A

Tgt Ion: 73 Resp: 9946161

Ion Ratio Lower Upper

73 100

57 22.7 16.8 25.2



#22

Diisopropyl ether

Concen: 4.561 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN069558.D

Acq: 18 Nov 2021 17:25

Tgt Ion: 45 Resp: 240667

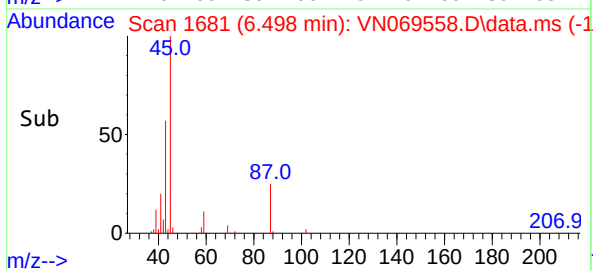
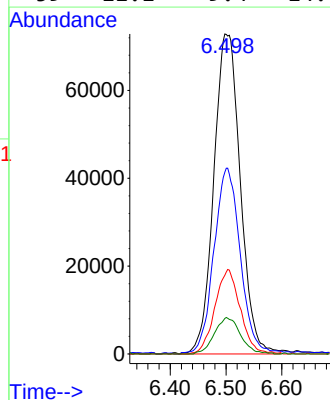
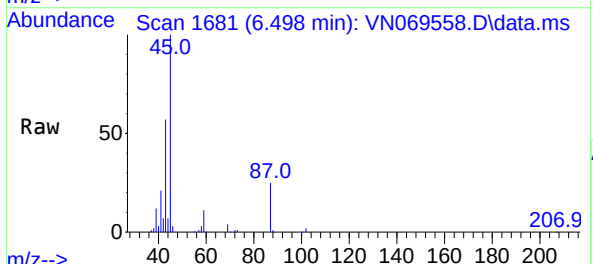
Ion Ratio Lower Upper

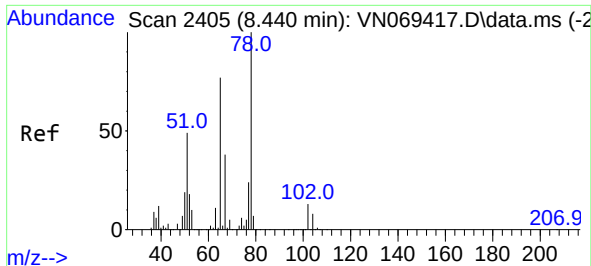
45 100

43 56.8 51.7 77.5

87 24.6 23.2 34.8

59 11.1 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 51.331 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069558.D

Acq: 18 Nov 2021 17:25

Instrument :

MSVOA_N

ClientSampleId :

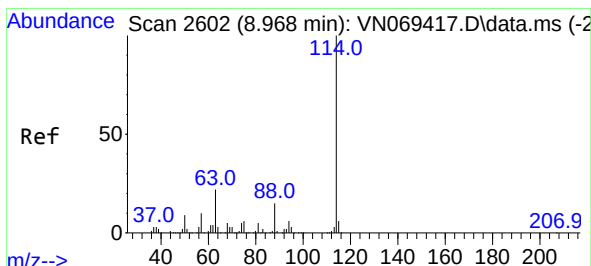
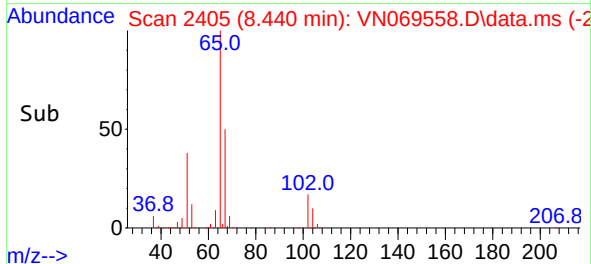
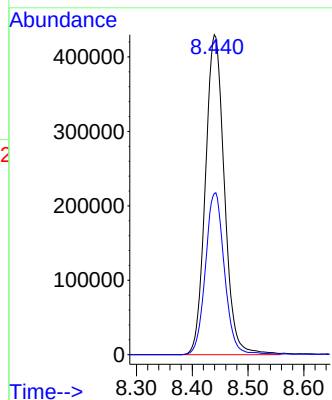
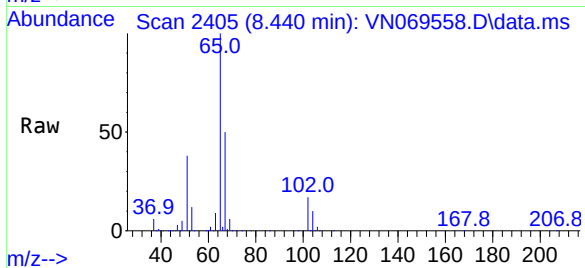
MW-23A

Tgt Ion: 65 Resp: 1017364

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069558.D

Acq: 18 Nov 2021 17:25

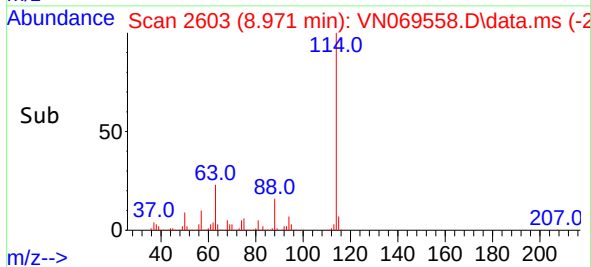
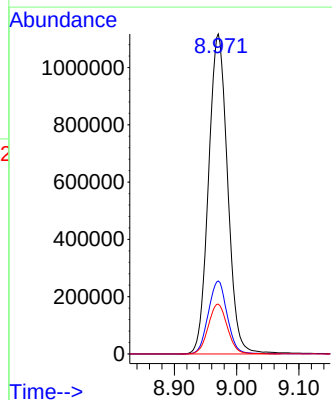
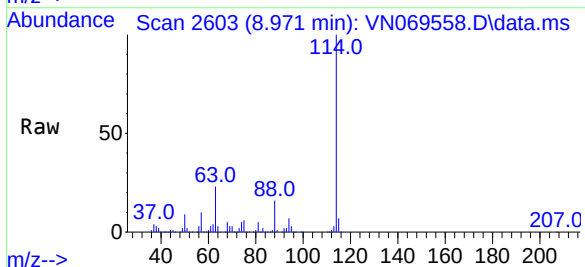
Tgt Ion: 114 Resp: 2374098

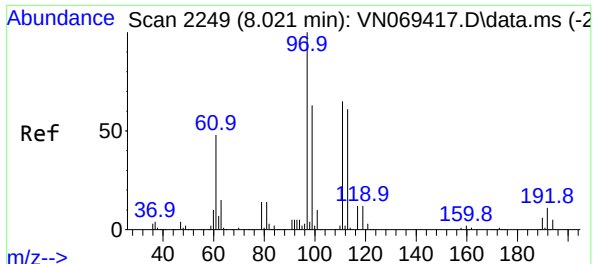
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 15.5 0.0 27.4

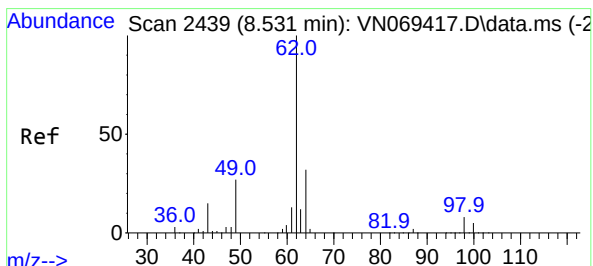
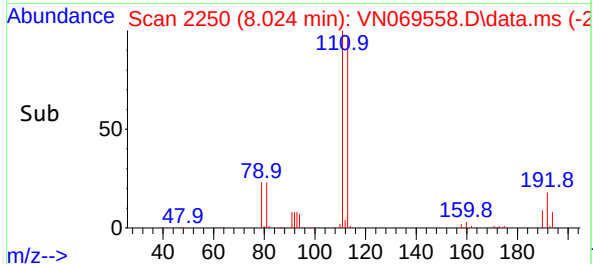
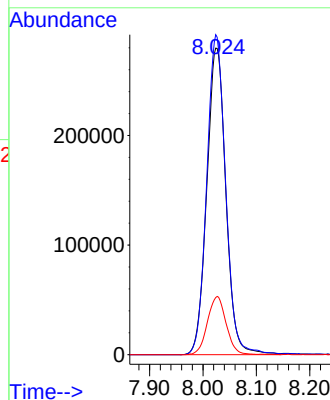
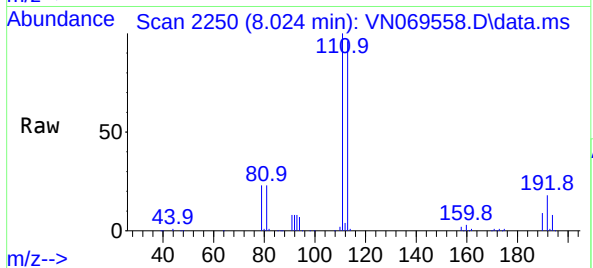




#35
Dibromofluoromethane
Concen: 48.843 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

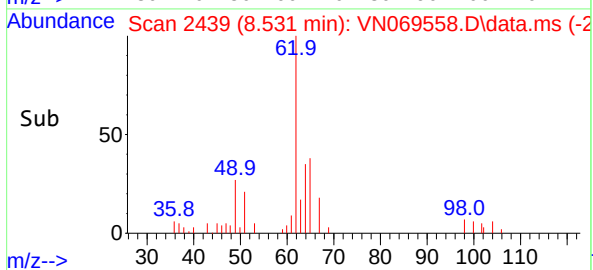
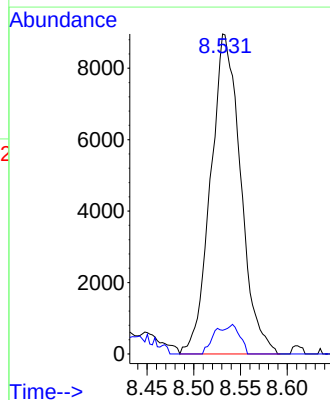
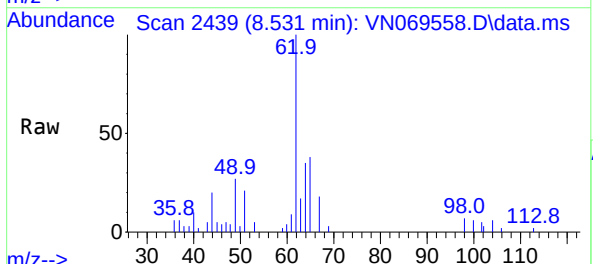
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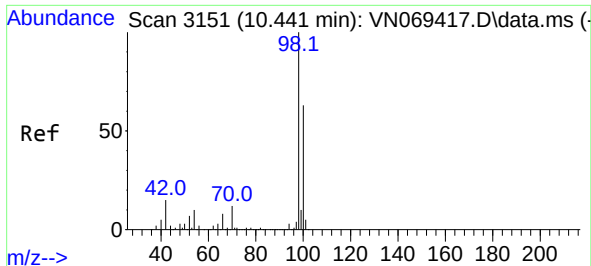
Tgt Ion:113 Resp: 695472
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.6 16.9 25.3



#42
1,2-Dichloroethane
Concen: 0.830 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

Tgt Ion: 62 Resp: 20039
Ion Ratio Lower Upper
62 100
98 3.1 0.0 17.6

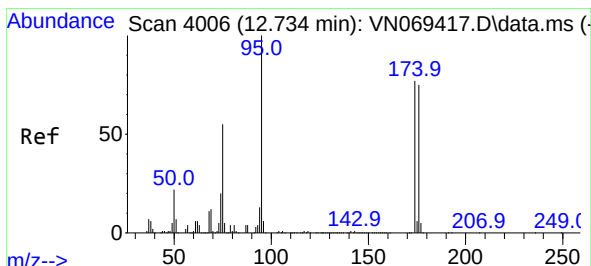
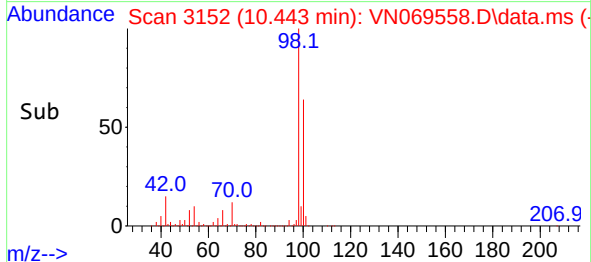
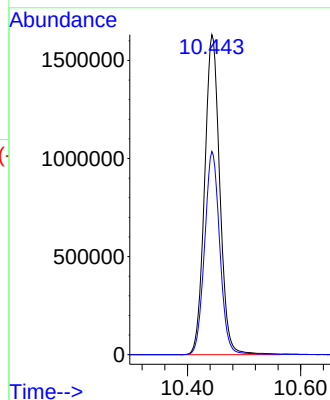
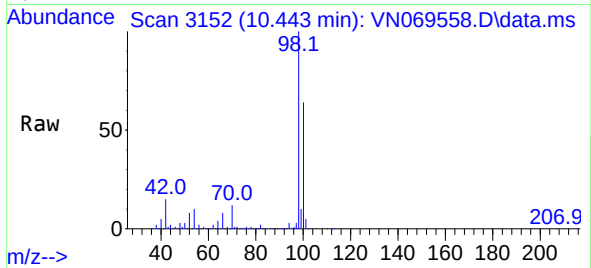




#50
Toluene-d8
Concen: 54.199 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

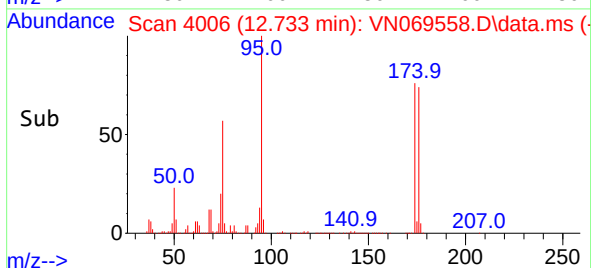
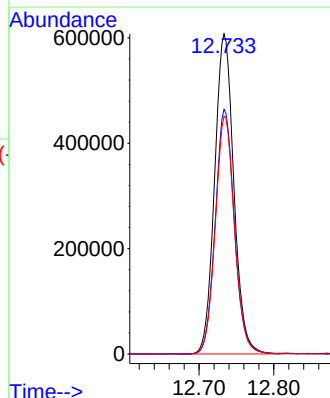
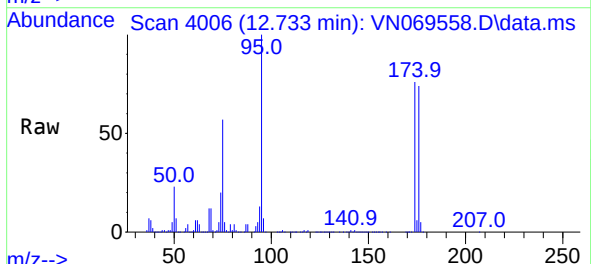
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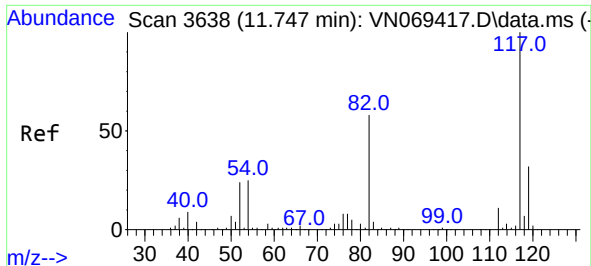
Tgt Ion: 98 Resp: 3035179
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

Tgt Ion: 95 Resp: 1083631
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.8 0.0 181.4

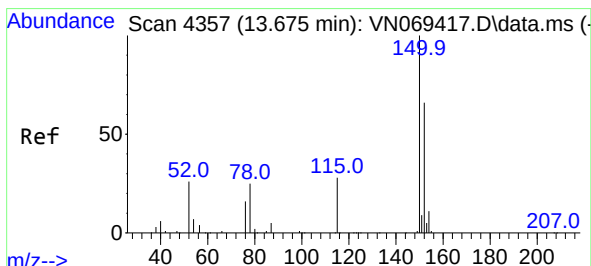
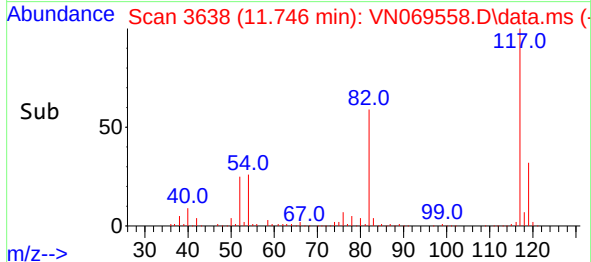
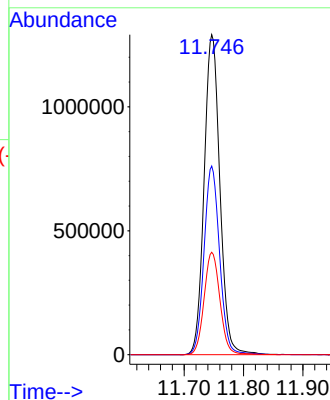
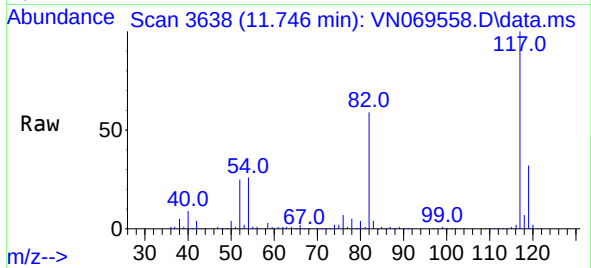




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.001 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 2382935
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069558.D
Acq: 18 Nov 2021 17:25

Tgt Ion:152 Resp: 890291
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 158.4 0.0 344.4

