

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069587.D
 Acq On : 19 Nov 2021 15:53
 Operator : JC/MD
 Sample : M4739-05DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23ADL

Quant Time: Nov 19 16:12:46 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)

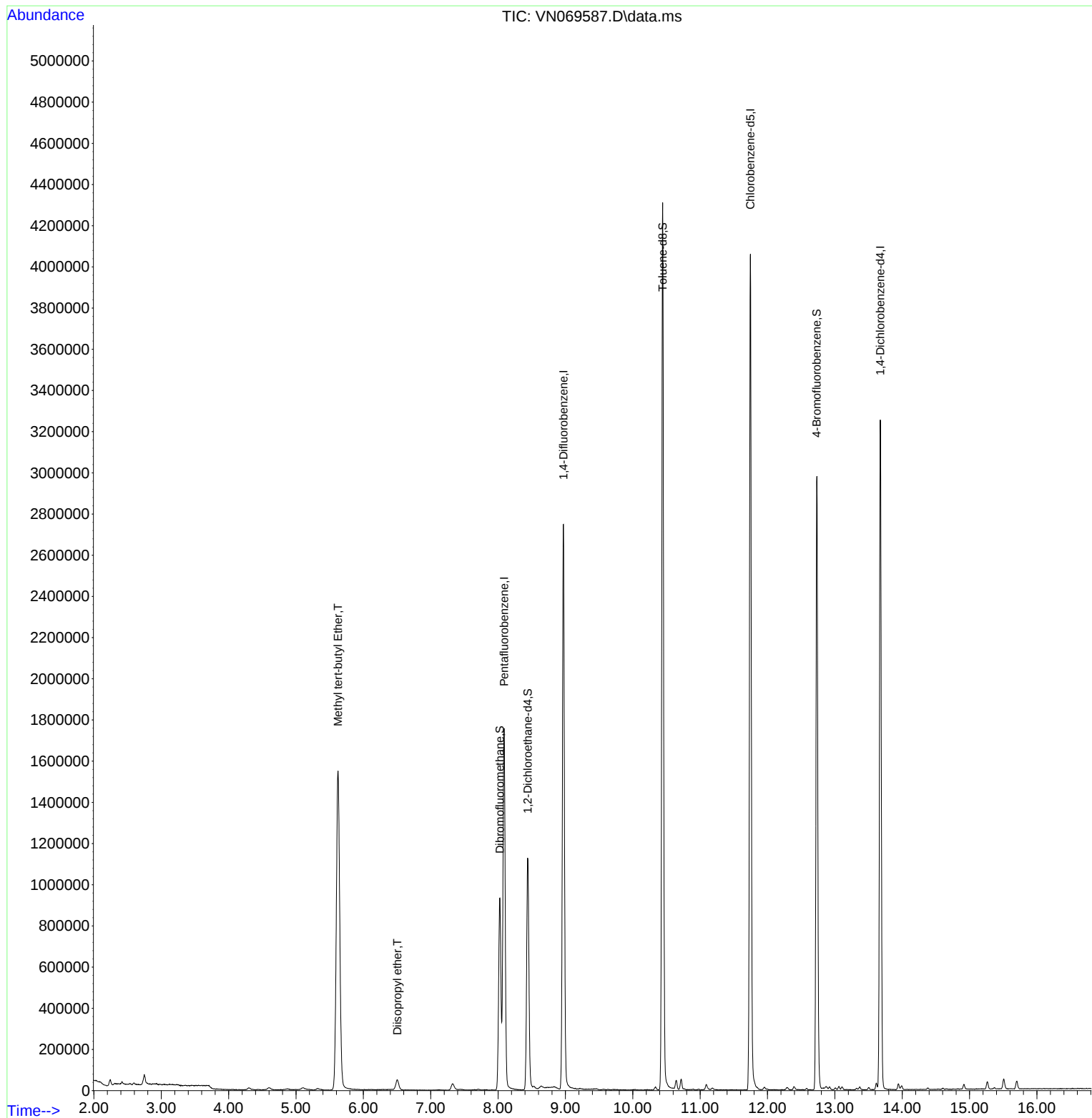
Internal Standards						
1) Pentafluorobenzene	8.091	168	1329542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2307373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2324514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	873147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	979078	50.788	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.580%			
35) Dibromofluoromethane	8.027	113	664675	48.030	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.060%			
50) Toluene-d8	10.443	98	2928284	53.802	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.731	95	1038701	51.949	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.900%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.624	73	2393331	52.480	ug/l	97
22) Diisopropyl ether	6.503	45	61354	1.196	ug/l	93

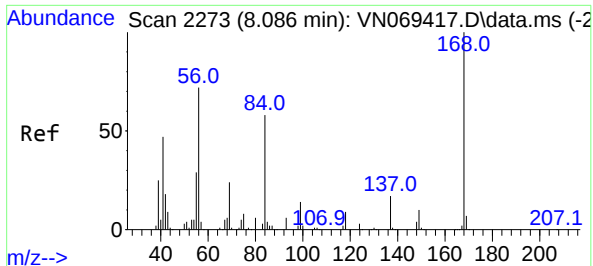
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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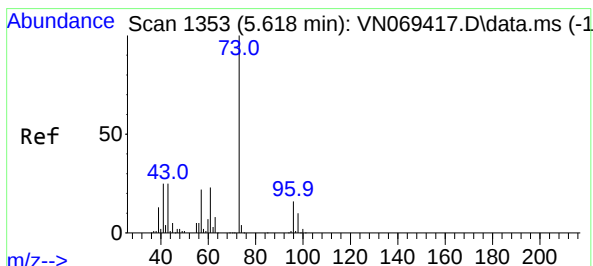
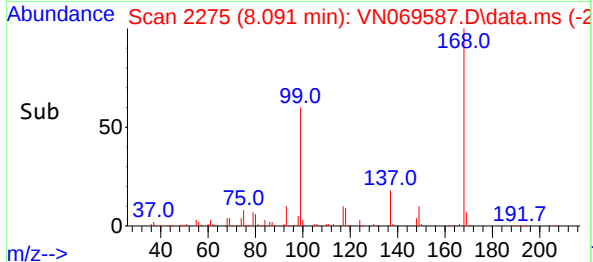
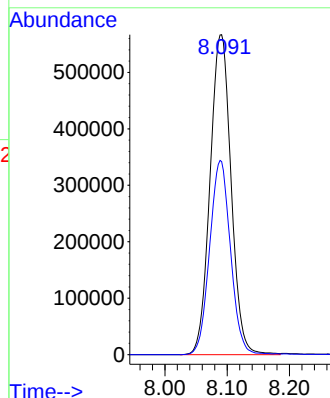
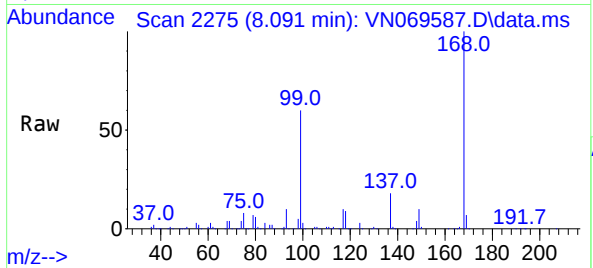




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

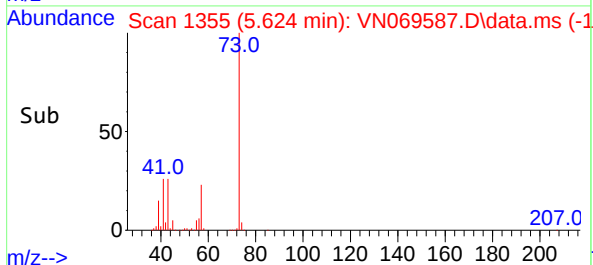
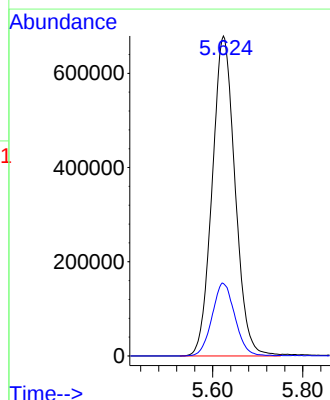
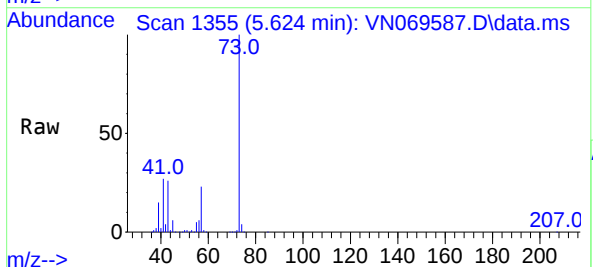
Instrument :
MSVOA_N
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MW-23ADL

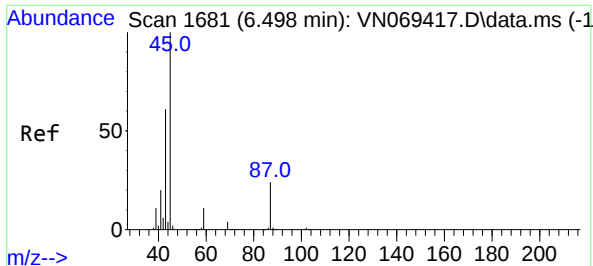
Tgt Ion:168 Resp: 1329542
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#19
Methyl tert-butyl Ether
Concen: 52.480 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 73 Resp: 2393331
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

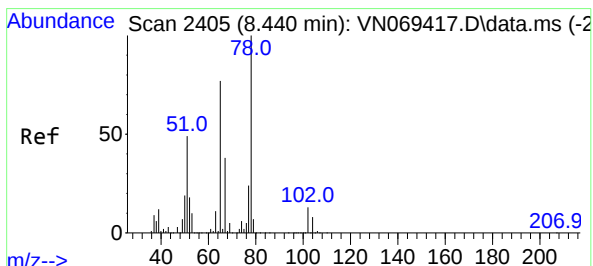
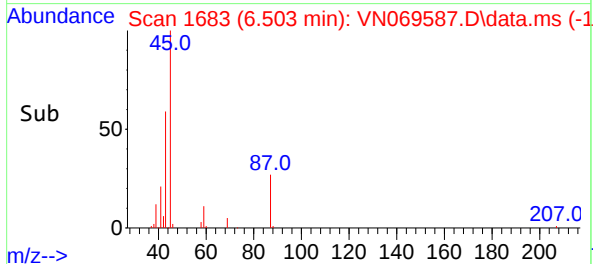
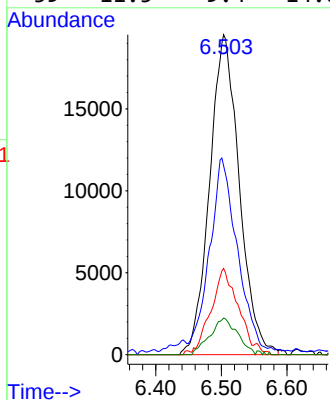
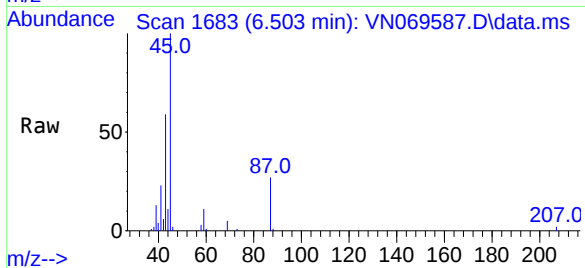




#22
Diisopropyl ether
Concen: 1.196 ug/l
RT: 6.503 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

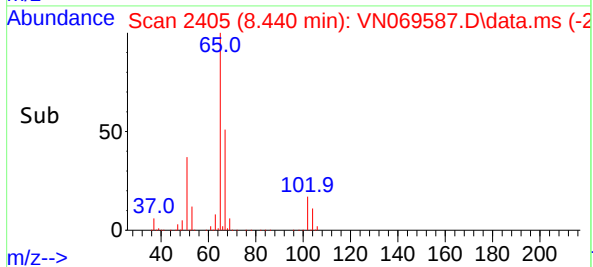
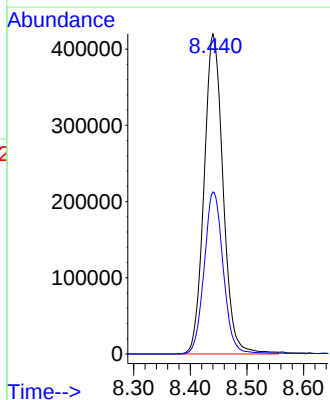
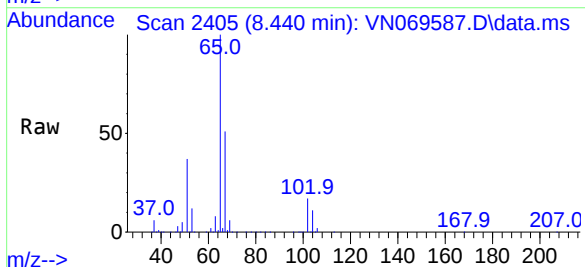
Instrument :
MSVOA_N
ClientSampleId :
MW-23ADL

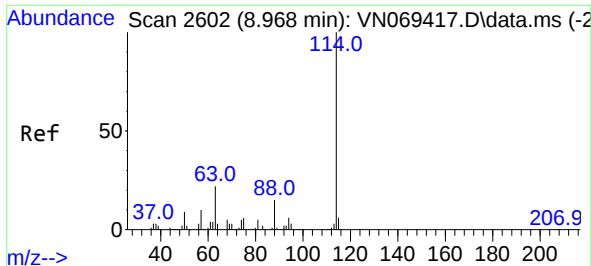
Tgt Ion: 45	Resp: 61354
Ion Ratio	Lower Upper
45 100	
43 57.3	51.7 77.5
87 26.9	23.2 34.8
59 11.5	9.4 14.0



#33
1,2-Dichloroethane-d4
Concen: 50.788 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 65	Resp: 979078
Ion Ratio	Lower Upper
65 100	
67 50.7	0.0 103.0

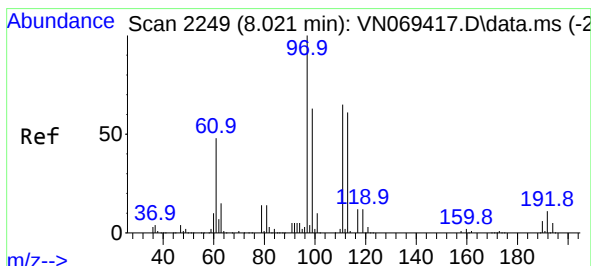
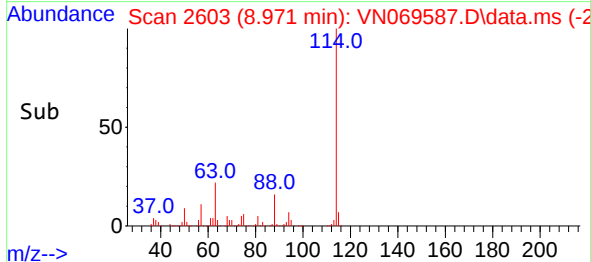
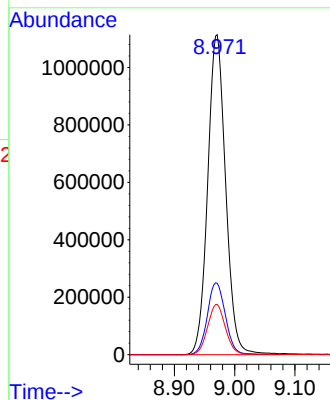
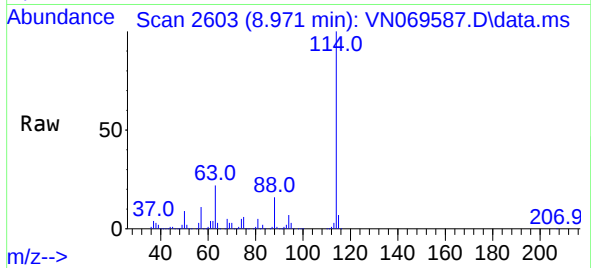




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

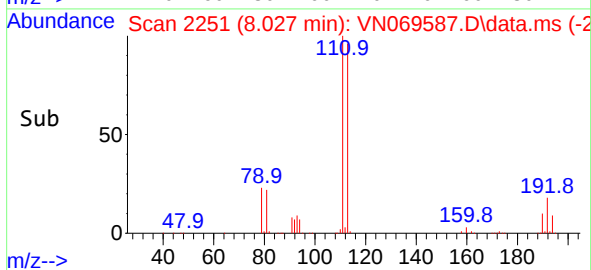
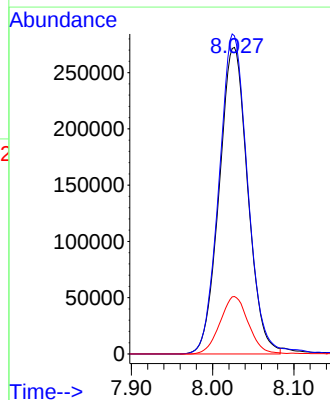
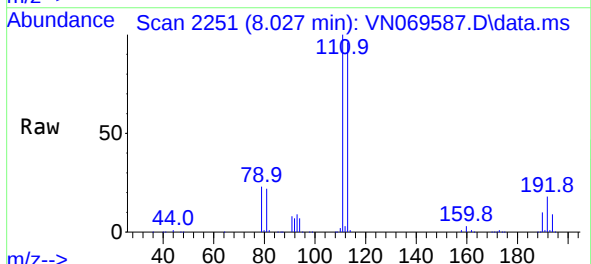
Instrument :
MSVOA_N
ClientSampleId :
MW-23ADL

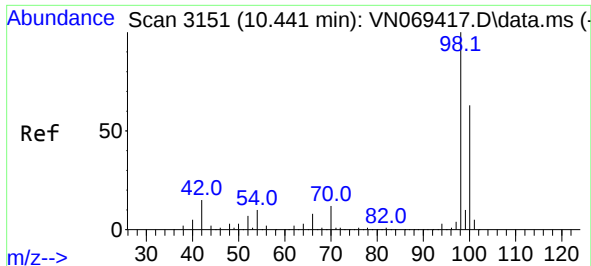
Tgt Ion:114 Resp: 2307373
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.030 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion:113 Resp: 664675
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.2
192 18.6 16.9 25.3

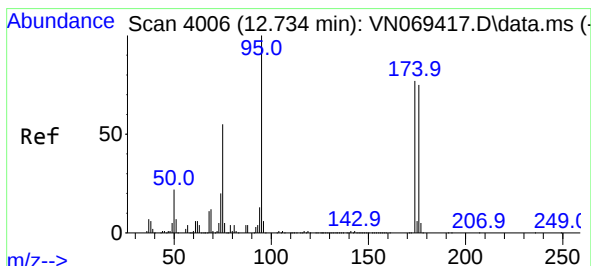
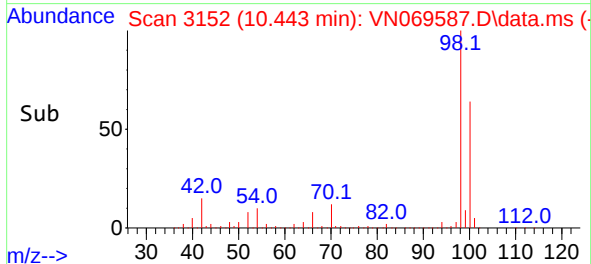
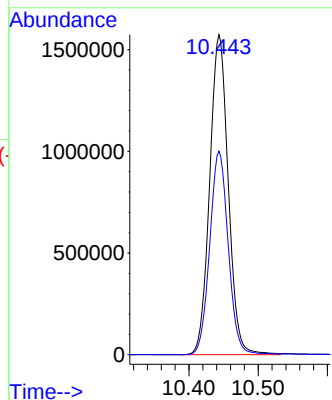
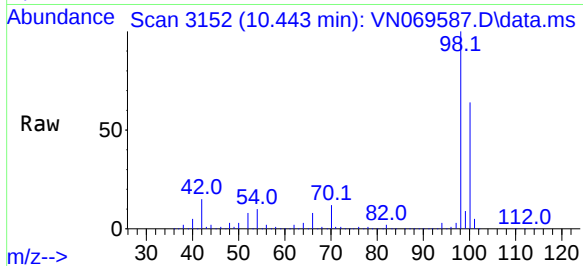




#50
Toluene-d8
Concen: 53.802 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

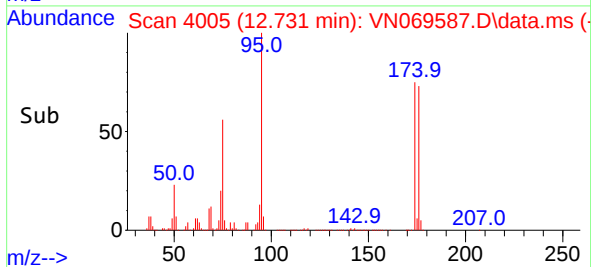
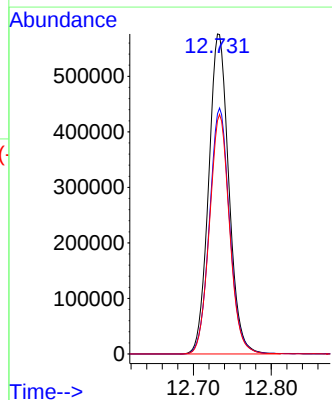
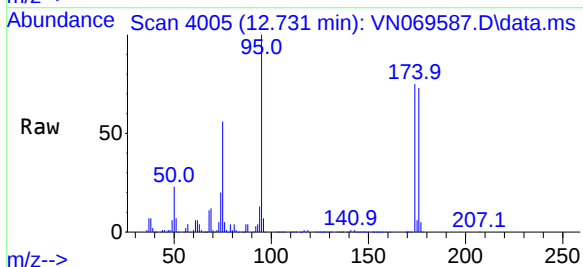
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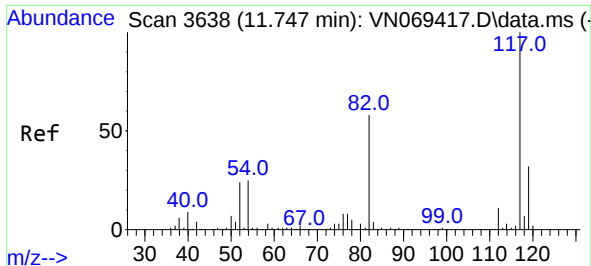
Tgt Ion: 98 Resp: 2928284
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.949 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion: 95 Resp: 1038701
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.1 0.0 181.4

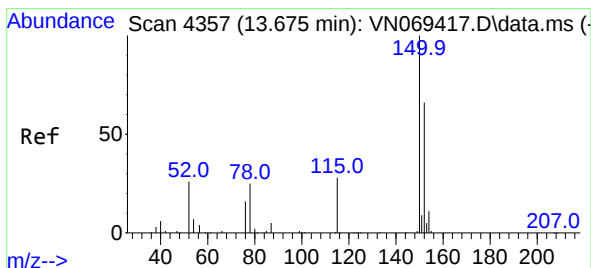
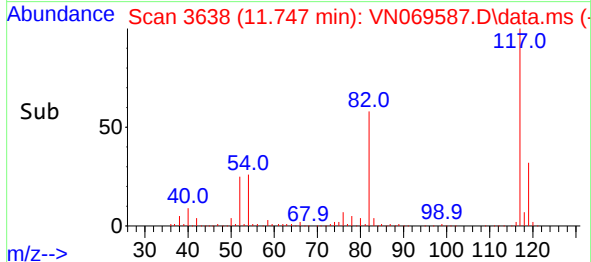
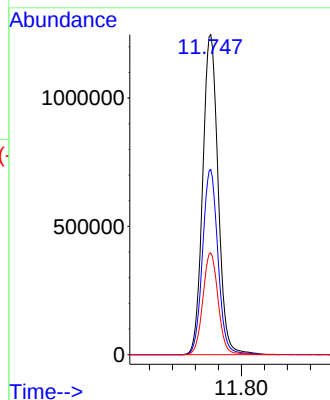
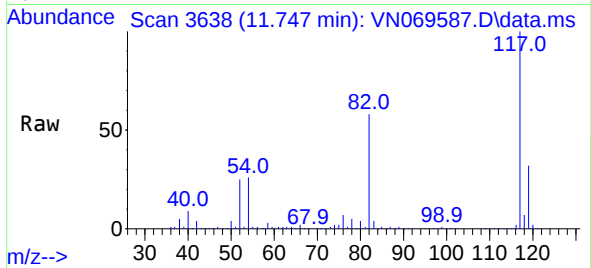




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Instrument :
MSVOA_N
ClientSampleId :
MW-23ADL

Tgt Ion:117 Resp: 2324514
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069587.D
Acq: 19 Nov 2021 15:53

Tgt Ion:152 Resp: 873147
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.0 0.0 344.4

