

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069997.D
 Acq On : 11 Dec 2021 9:24
 Operator : JC/MD
 Sample : M4970-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 12 16:05:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

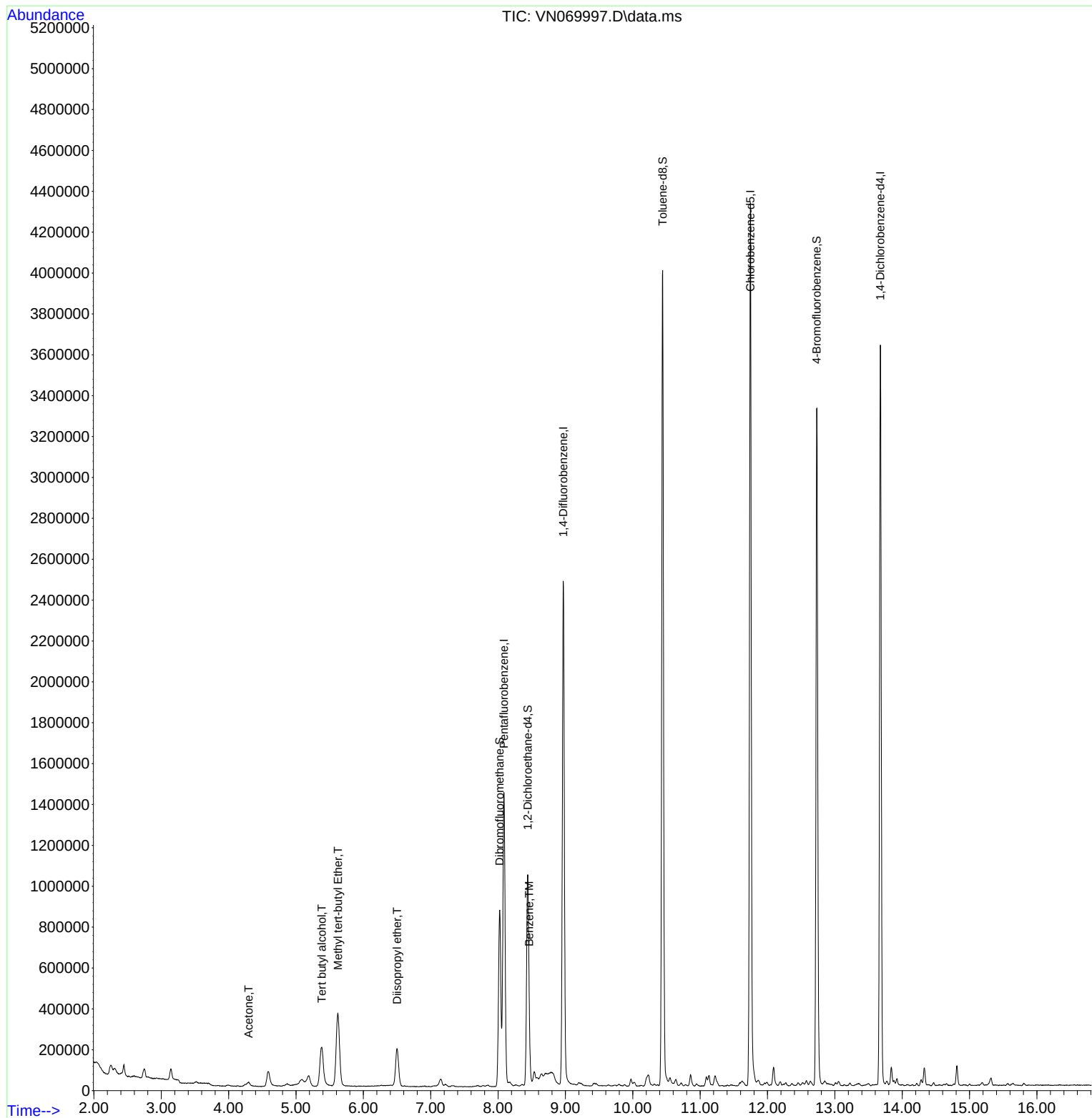
Internal Standards						
1) Pentafluorobenzene	8.088	168	1046402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2047057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2343296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	953317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	869872	53.841	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.680%
35) Dibromofluoromethane	8.024	113	633137	49.378	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.760%
50) Toluene-d8	10.443	98	2696442	52.372	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.740%
62) 4-Bromofluorobenzene	12.731	95	1140315	61.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.382	59	344705	112.871	ug/l #	86
16) Acetone	4.296	43	31741	3.266	ug/l	98
19) Methyl tert-butyl Ether	5.624	73	516587	13.329	ug/l	92
22) Diisopropyl ether	6.501	45	234375	5.339	ug/l	90
40) Benzene	8.461	78	100310	1.684	ug/l	100

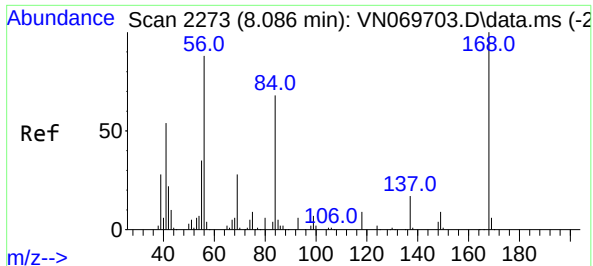
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

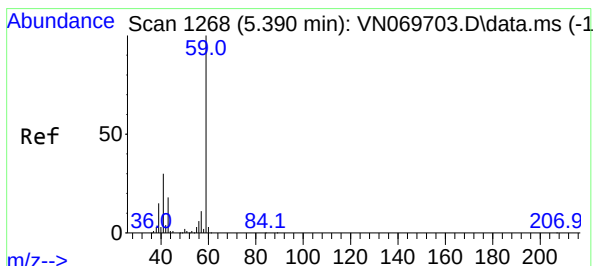
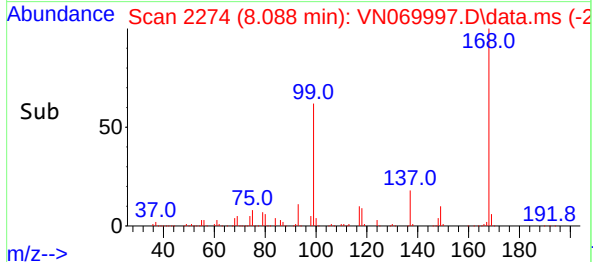
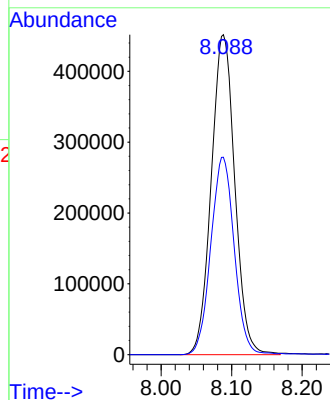
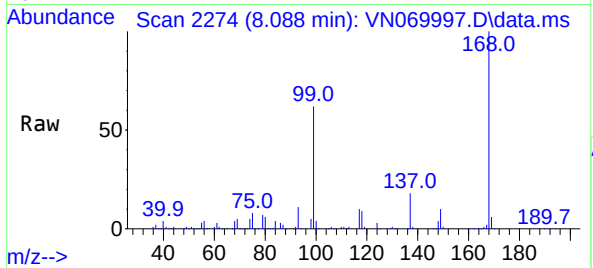




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

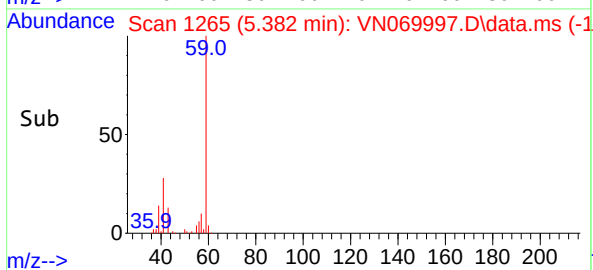
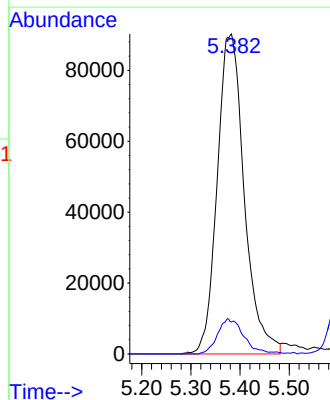
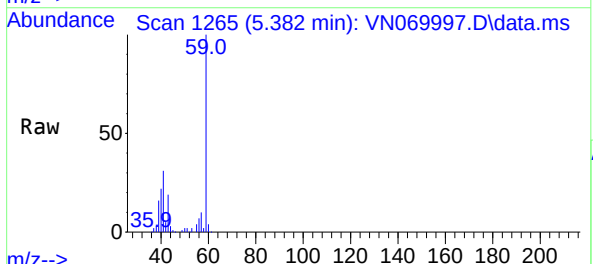
Instrument :
MSVOA_N
ClientSampleId :
MW-25

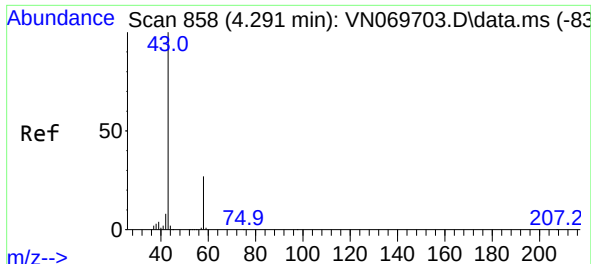
Tgt Ion:168 Resp: 1046402
Ion Ratio Lower Upper
168 100
99 61.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 112.871 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

Tgt Ion: 59 Resp: 344705
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#

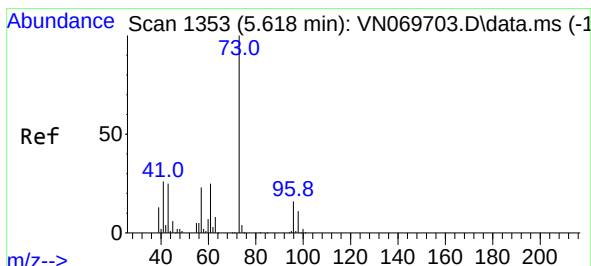
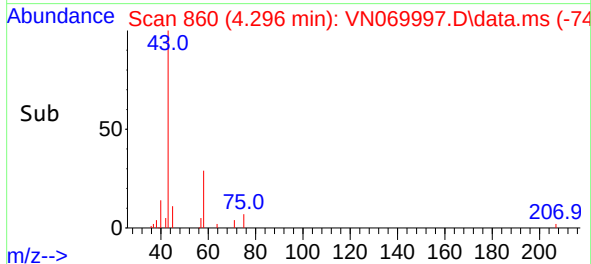
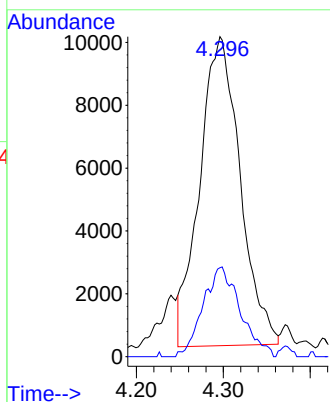
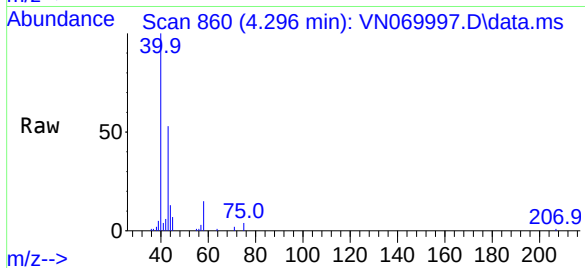




#16
Acetone
Concen: 3.266 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.005 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

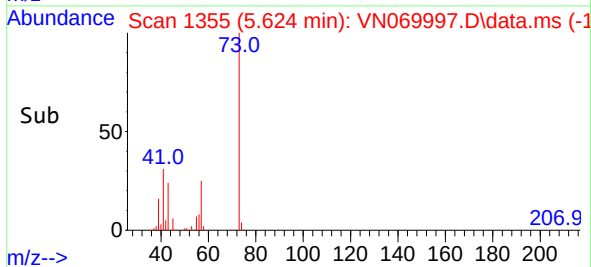
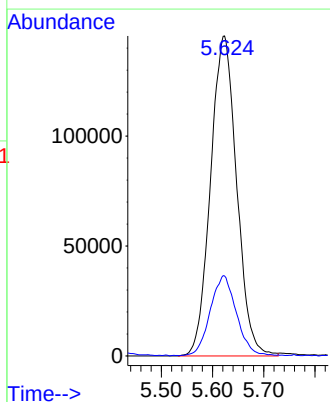
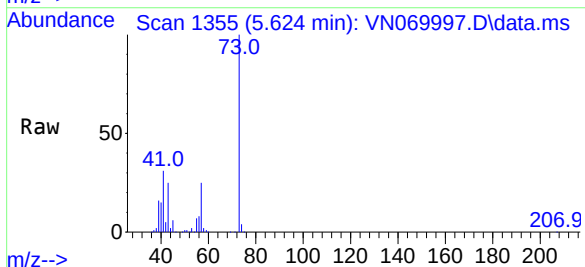
Instrument :
MSVOA_N
ClientSampleId :
MW-25

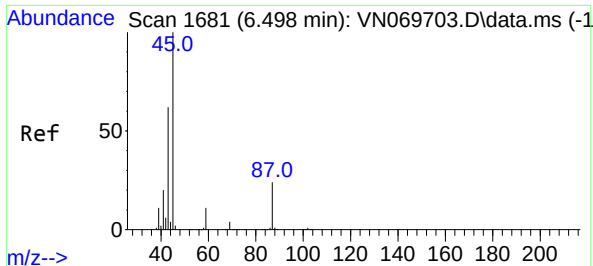
Tgt Ion: 43 Resp: 31741
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 13.329 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

Tgt Ion: 73 Resp: 516587
Ion Ratio Lower Upper
73 100
57 24.9 16.8 25.2

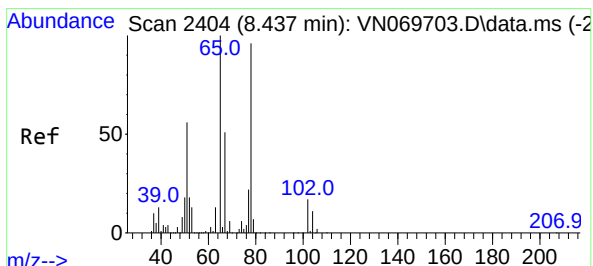
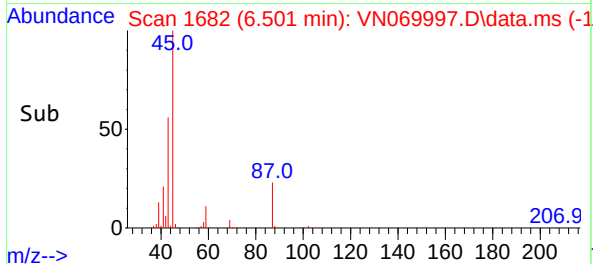
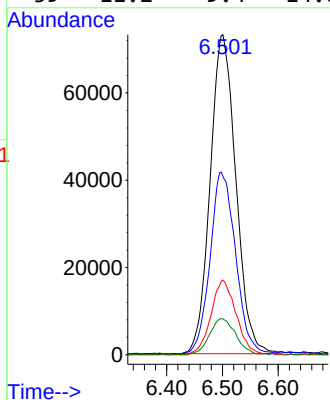
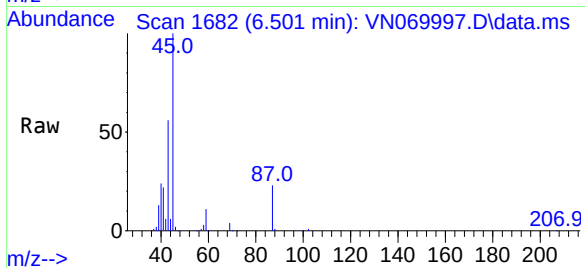




#22
Diisopropyl ether
Concen: 5.339 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

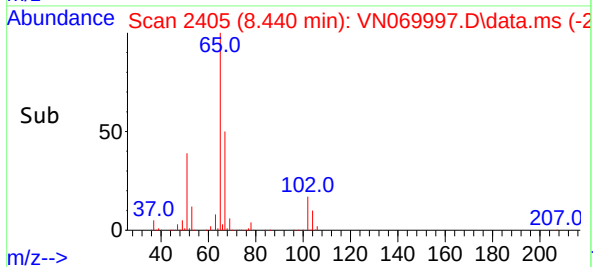
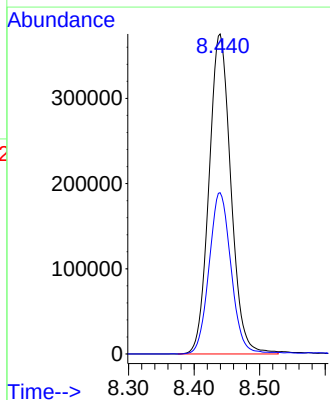
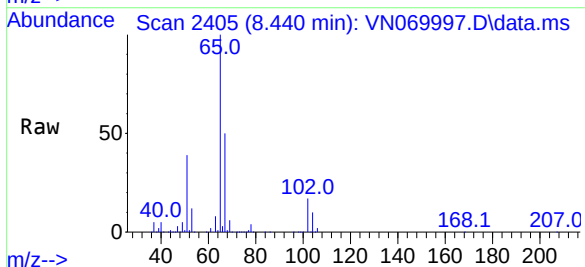
Instrument :
MSVOA_N
ClientSampleId :
MW-25

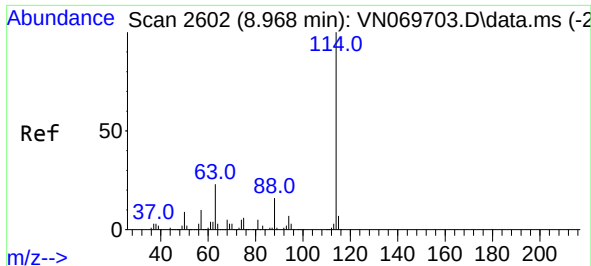
Tgt Ion:	45	Resp:	234375
Ion	Ratio	Lower	Upper
45	100		
43	55.7	51.7	77.5
87	23.4	23.2	34.8
59	11.2	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 53.841 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

Tgt Ion:	65	Resp:	869872
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.0

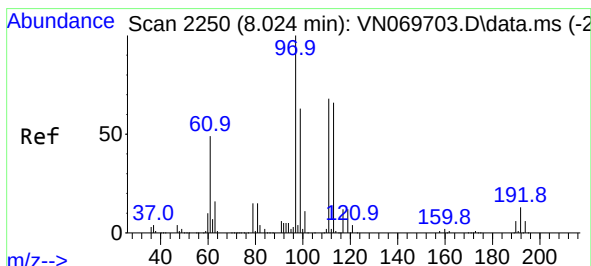
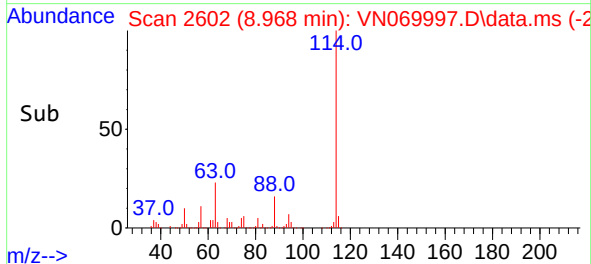
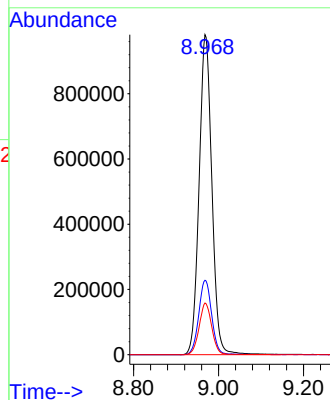
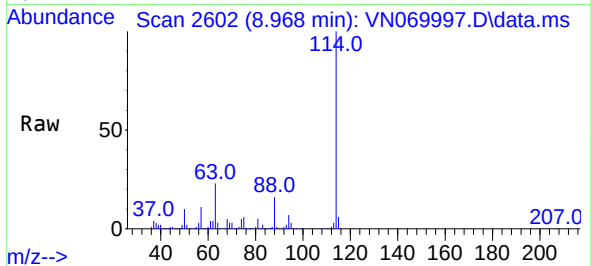




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2047057
Delta R.T. -0.000 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

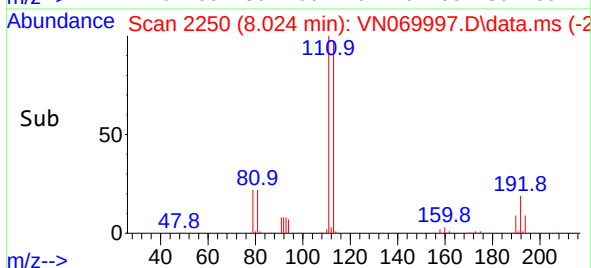
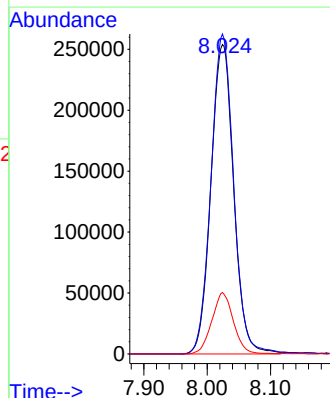
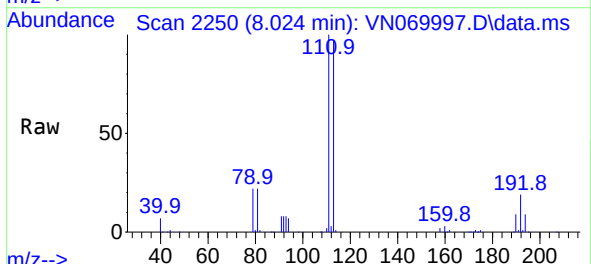
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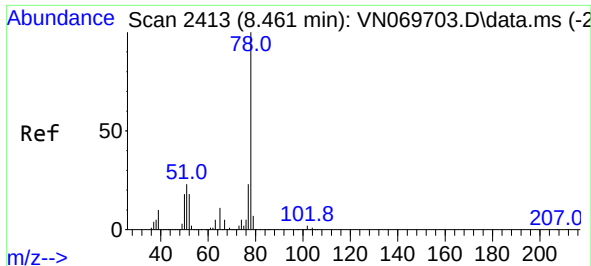
Tgt Ion:114 Resp: 2047057
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

Tgt Ion:113 Resp: 633137
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.9 16.9 25.3

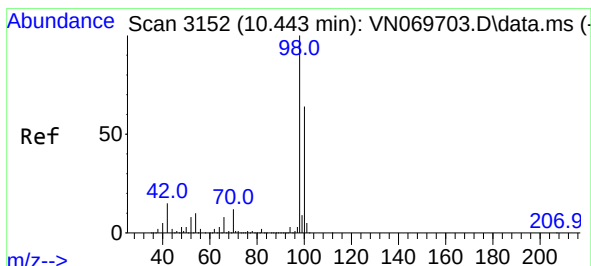
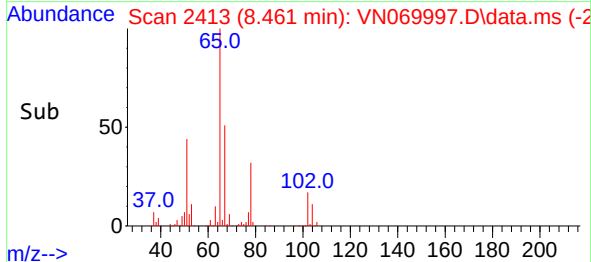
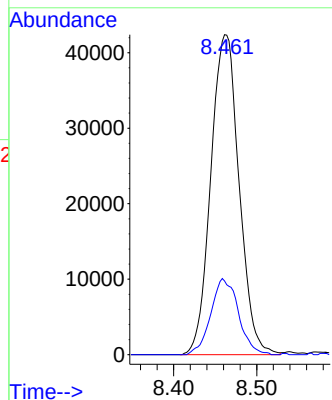
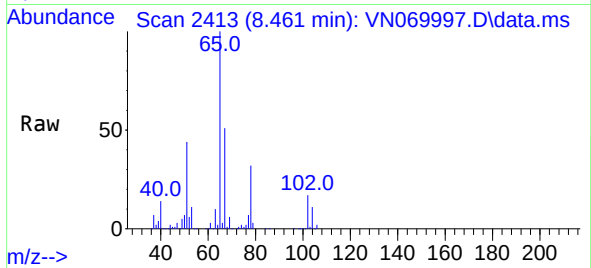




#40
Benzene
Concen: 1.684 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

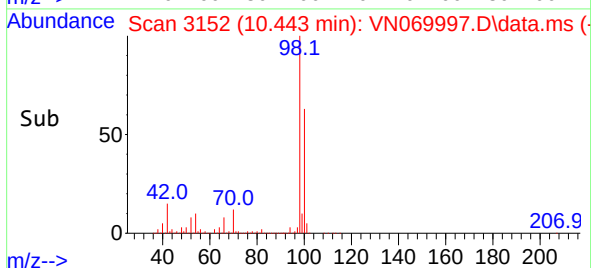
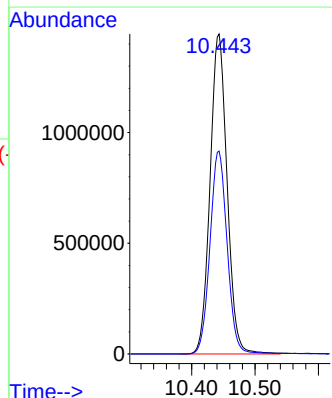
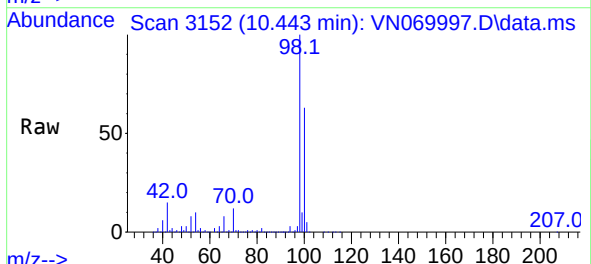
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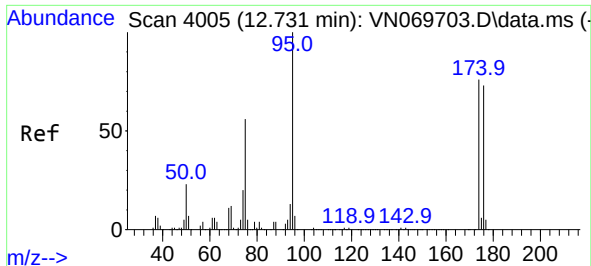
Tgt Ion: 78 Resp: 100310
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



#50
Toluene-d8
Concen: 52.372 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

Tgt Ion: 98 Resp: 2696442
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

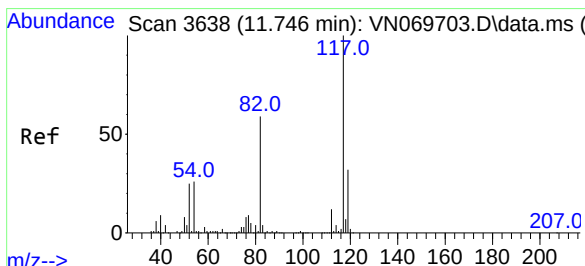
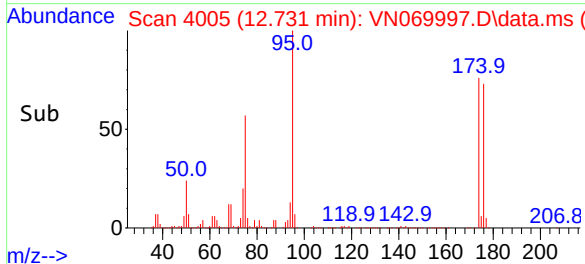
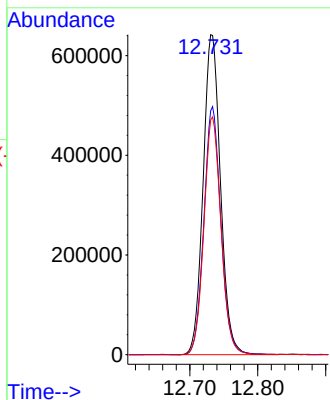
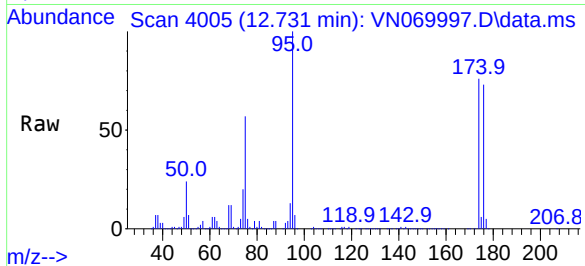




#62
4-Bromofluorobenzene
Concen: 61.136 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

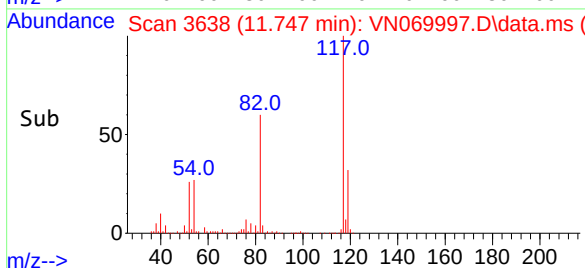
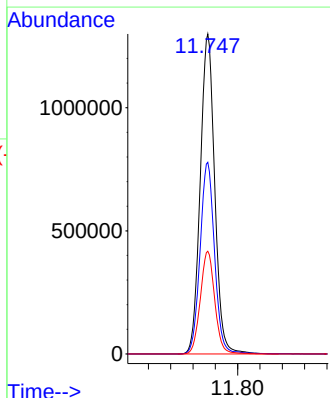
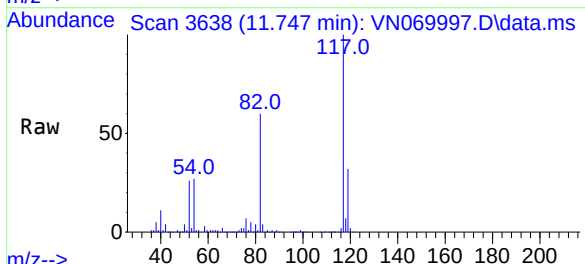
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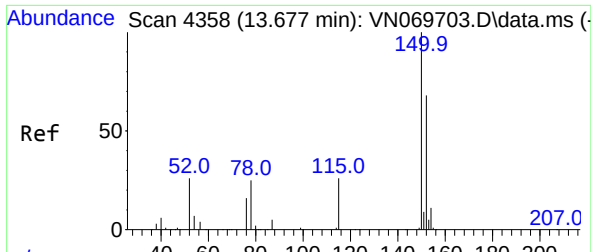
Tgt Ion: 95 Resp: 1140315
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069997.D
Acq: 11 Dec 2021 9:24

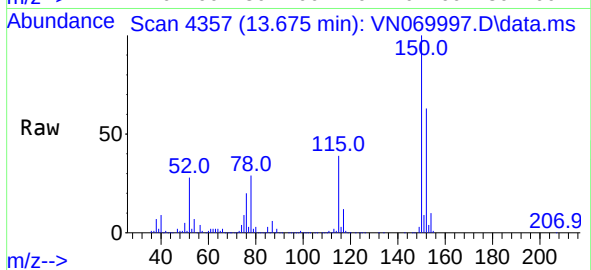
Tgt Ion: 117 Resp: 2343296
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069997.D
 Acq: 11 Dec 2021 9:24

Instrument :
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 ClientSampleId :
 MW-25



Tgt Ion:152 Resp: 953317
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.5 82.5
 150 157.4 0.0 344.4

