

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069969.D
 Acq On : 10 Dec 2021 19:48
 Operator : JC/MD
 Sample : M4969-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28D2

Quant Time: Dec 11 05:24:18 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)

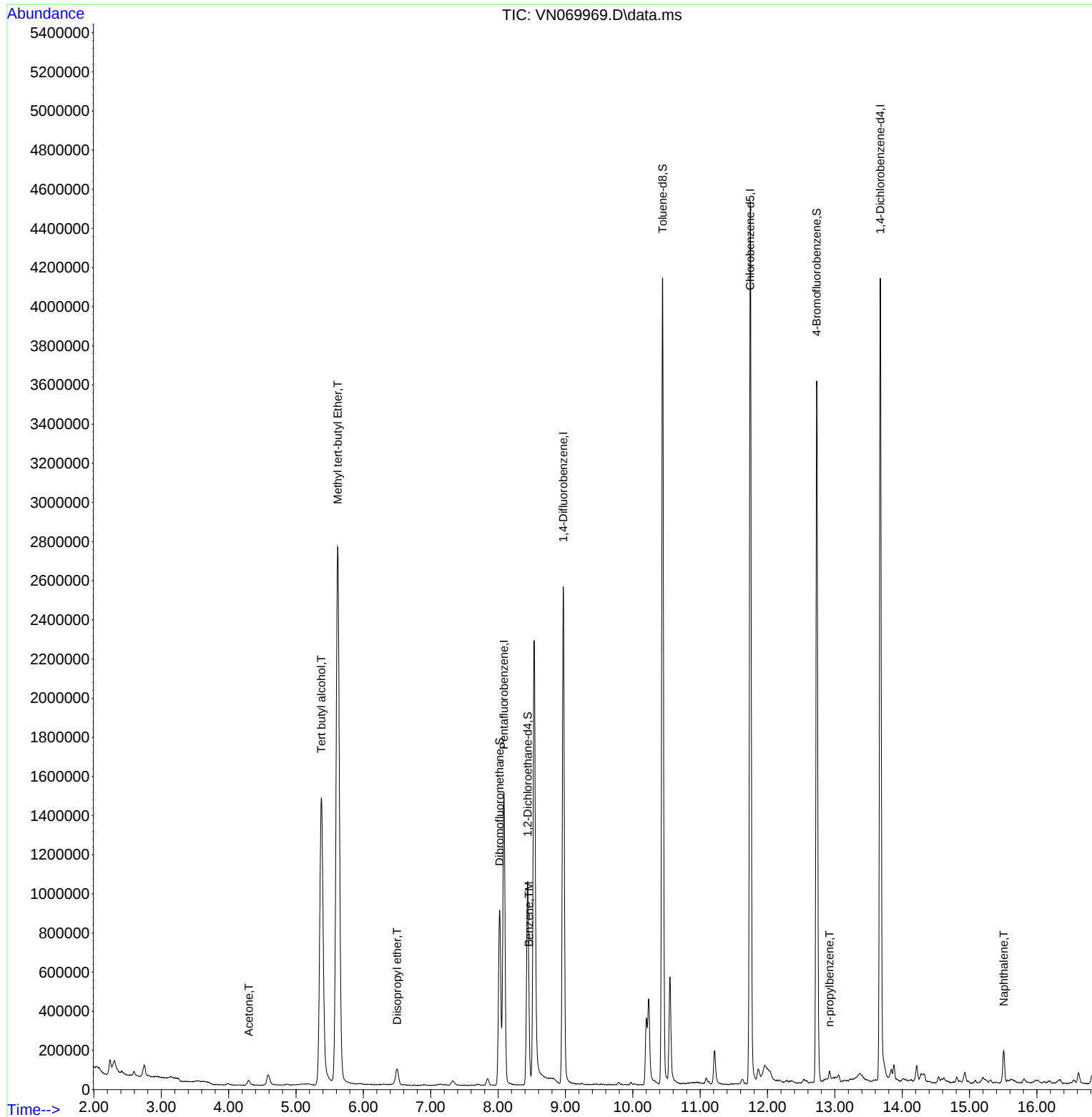
Internal Standards						
1) Pentafluorobenzene	8.088	168	1113278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2108559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2460125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1072803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	886254	51.559	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.120%	
35) Dibromofluoromethane	8.024	113	645364	48.863	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.720%	
50) Toluene-d8	10.443	98	2805821	52.907	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.731	95	1245312	64.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 129.640%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.377	59	2675475	823.440	ug/l	99
16) Acetone	4.299	43	45709	4.421	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	4246820	102.996	ug/l	96
22) Diisopropyl ether	6.501	45	107409	2.300	ug/l #	88
40) Benzene	8.459	78	19393	0.316	ug/l	94
78) n-propylbenzene	12.921	91	37248m	0.351	ug/l	
95) Naphthalene	15.507	128	154941	6.705	ug/l	99

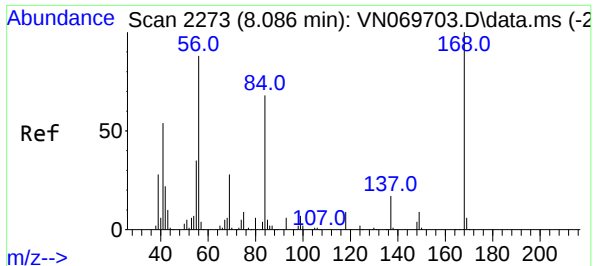
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

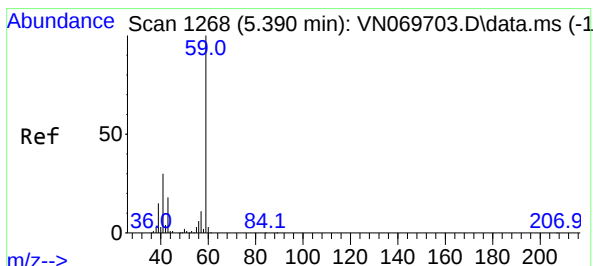
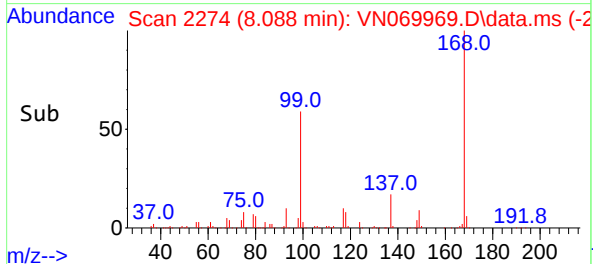
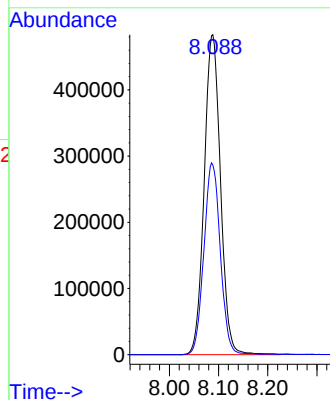
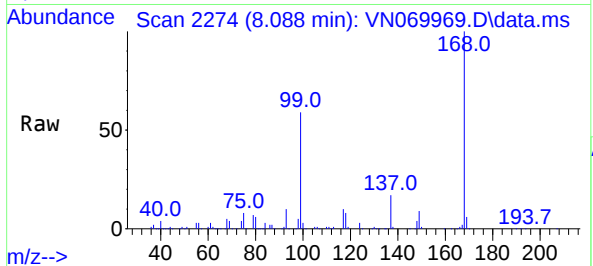




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

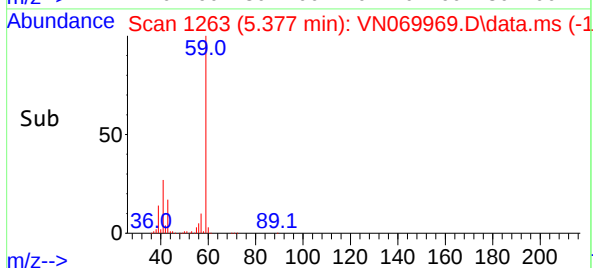
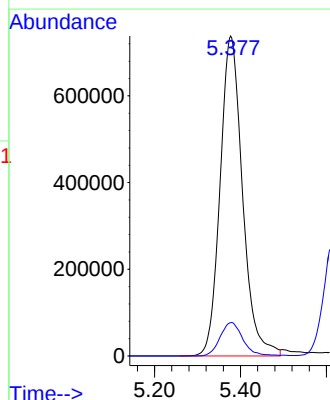
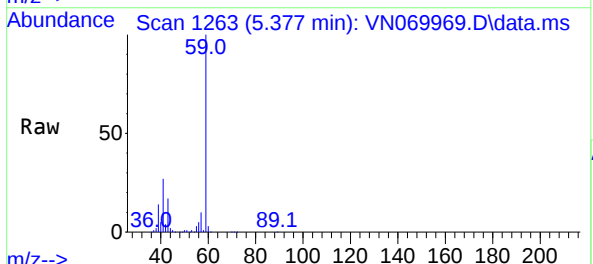
Instrument :
MSVOA_N
ClientSampleId :
MW-28D2

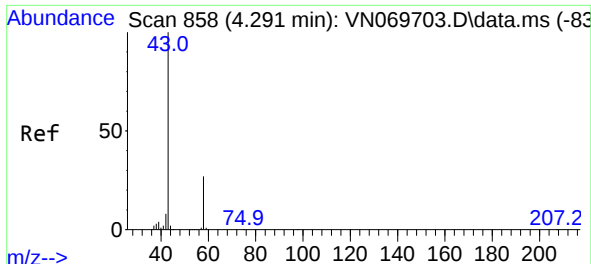
Tgt Ion:168 Resp: 1113278
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 823.440 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion: 59 Resp: 2675475
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

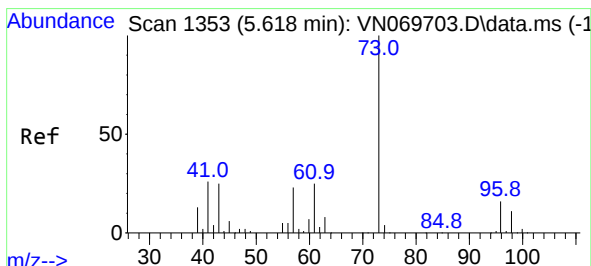
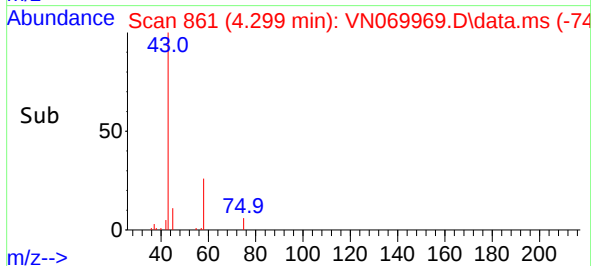
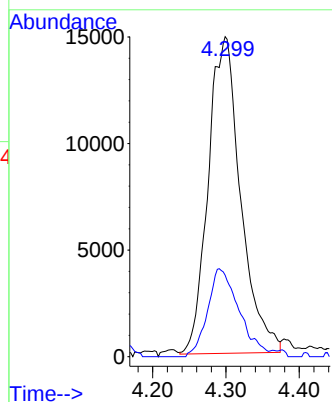
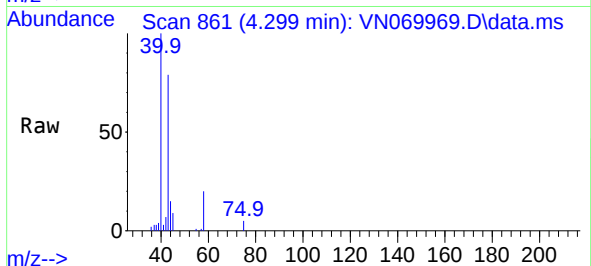




#16
Acetone
Concen: 4.421 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

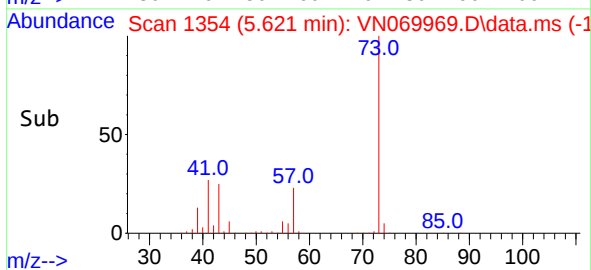
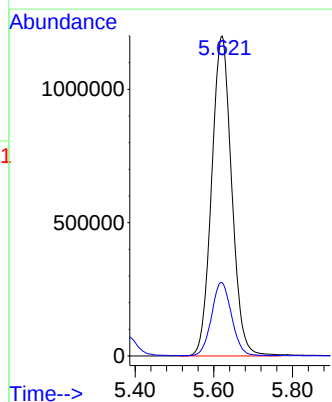
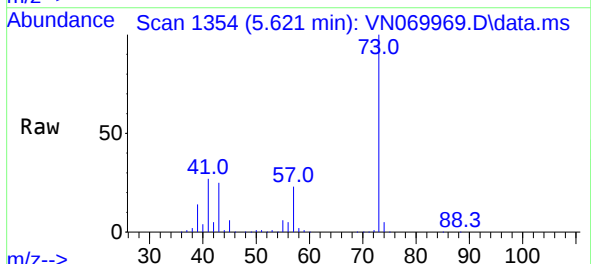
Instrument :
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ClientSampleId :
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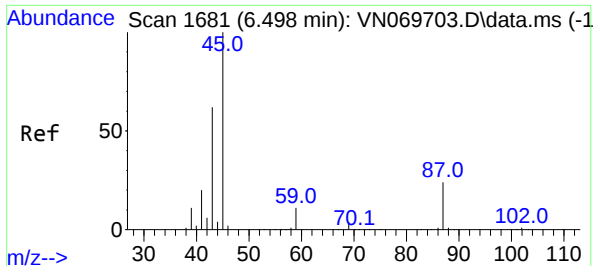
Tgt Ion: 43 Resp: 45709
Ion Ratio Lower Upper
43 100
58 25.8 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 102.996 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion: 73 Resp: 4246820
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

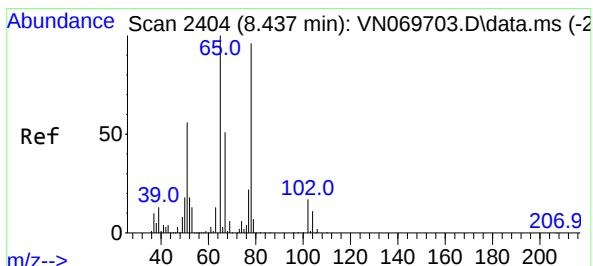
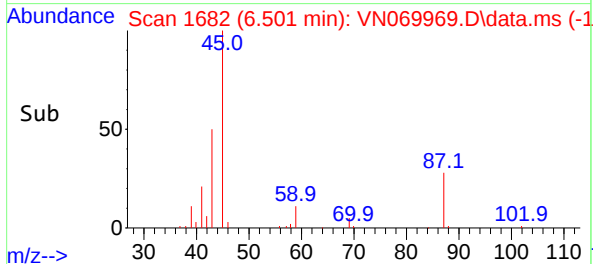
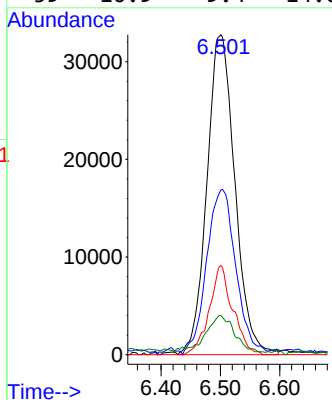
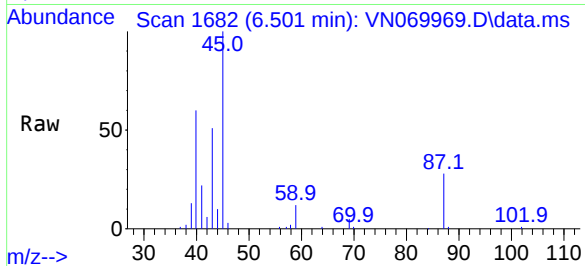




#22
Diisopropyl ether
Concen: 2.300 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

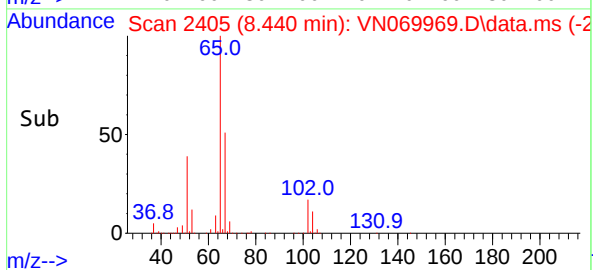
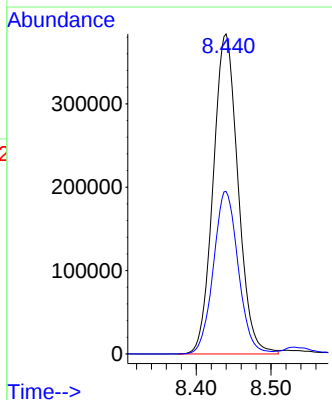
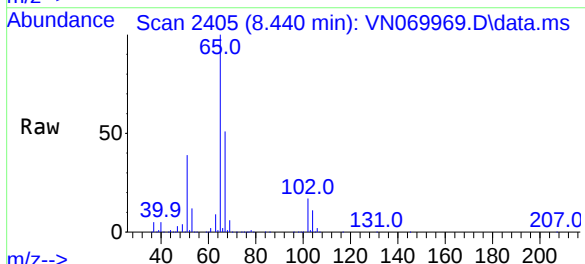
Instrument :
MSVOA_N
ClientSampleId :
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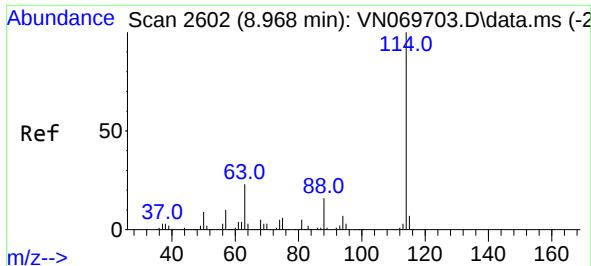
Tgt Ion: 45 Resp: 107409
Ion Ratio Lower Upper
45 100
43 50.3 51.7 77.5#
87 27.8 23.2 34.8
59 10.9 9.4 14.0



#33
1,2-Dichloroethane-d4
Concen: 51.559 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion: 65 Resp: 886254
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

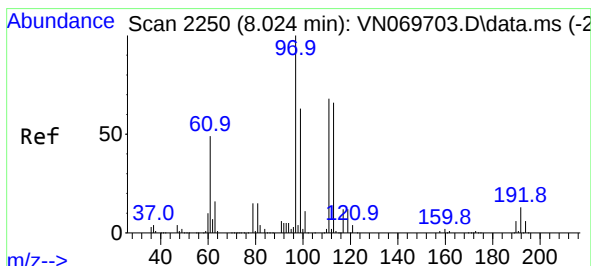
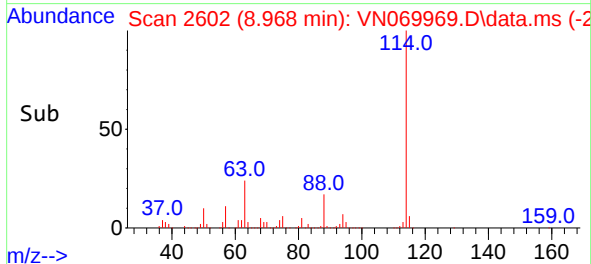
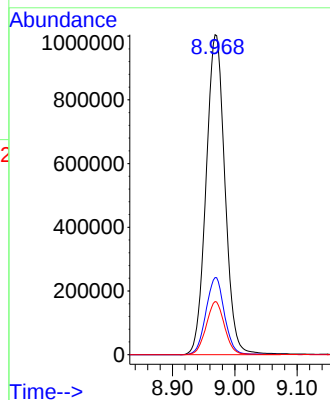
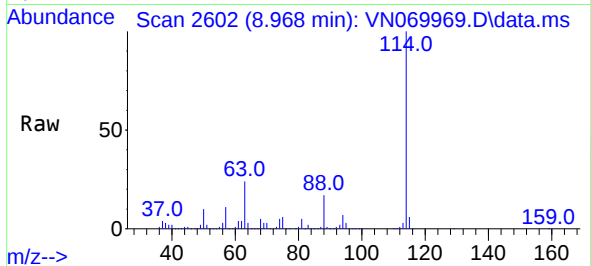




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

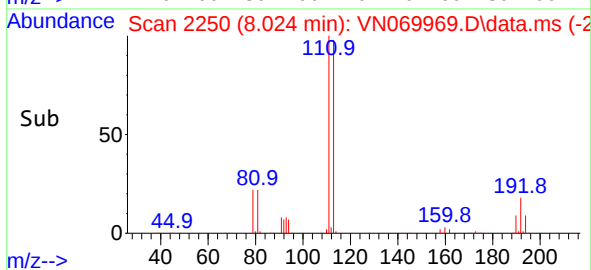
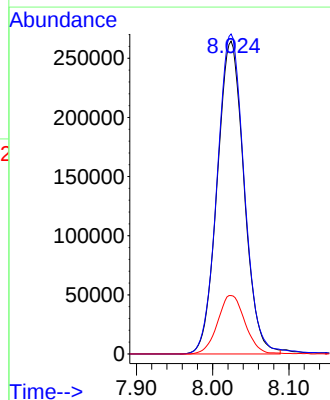
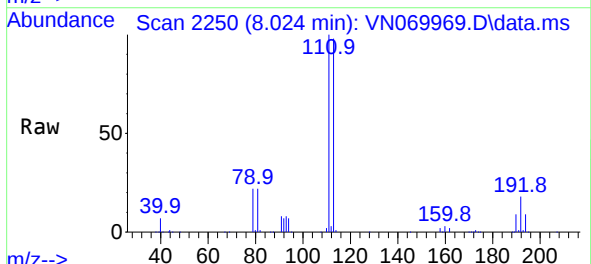
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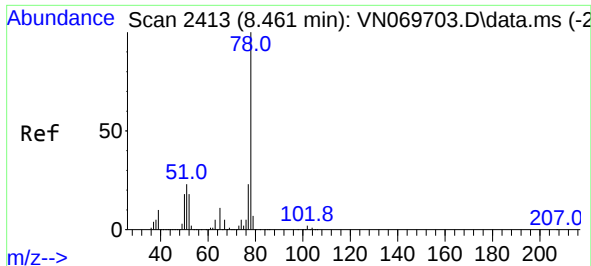
Tgt Ion:114 Resp: 2108559
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.863 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion:113 Resp: 645364
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.2 16.9 25.3

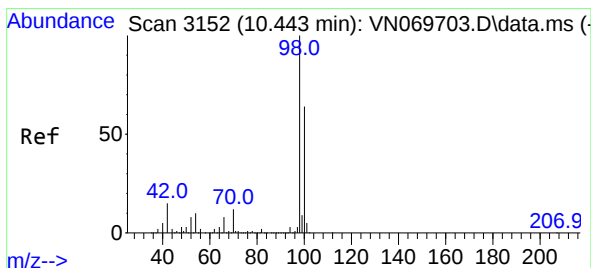
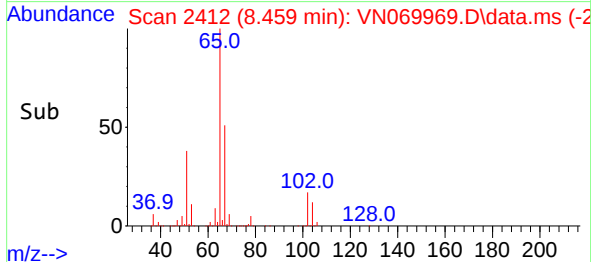
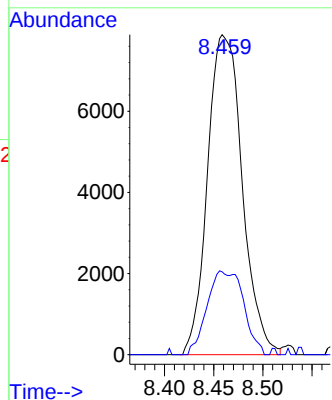
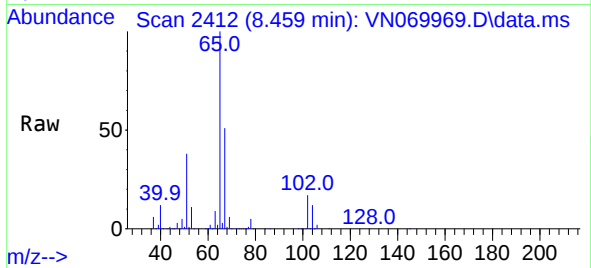




#40
Benzene
Concen: 0.316 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

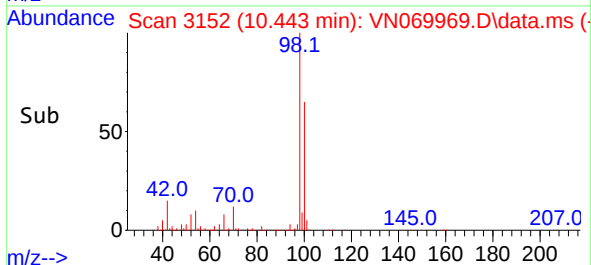
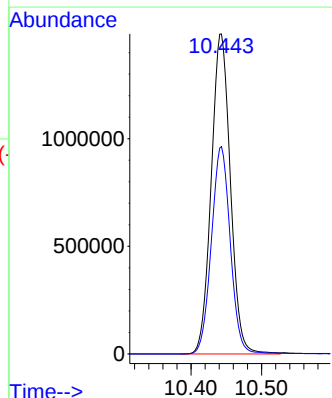
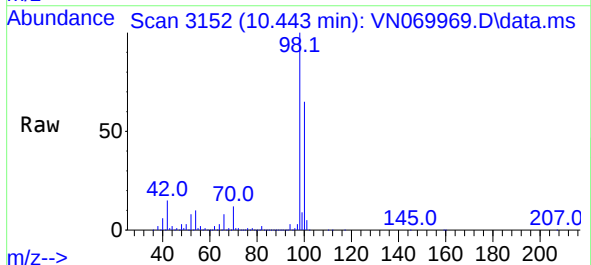
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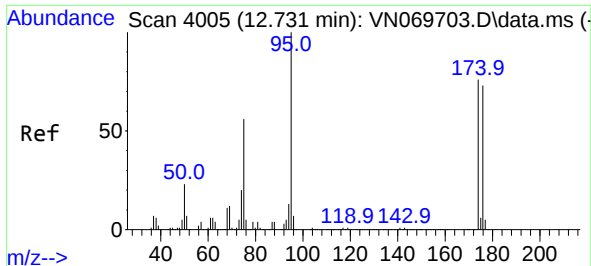
Tgt Ion: 78 Resp: 19393
Ion Ratio Lower Upper
78 100
77 25.9 18.6 27.8



#50
Toluene-d8
Concen: 52.907 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion: 98 Resp: 2805821
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

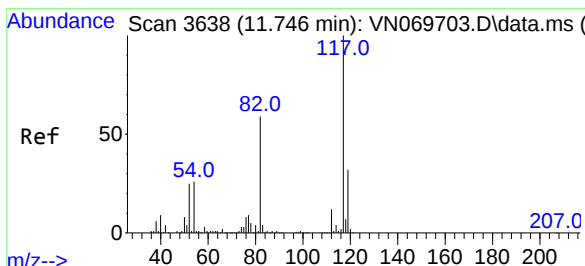
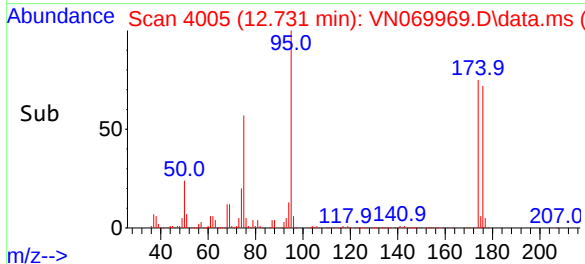
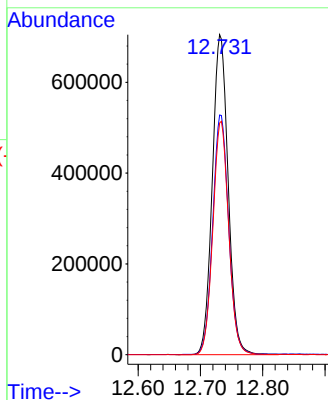
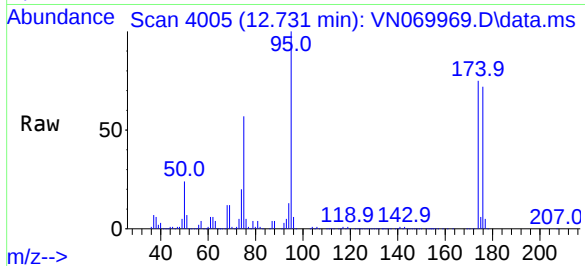




#62
4-Bromofluorobenzene
Concen: 64.817 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

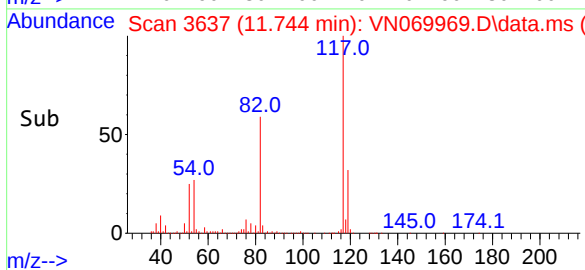
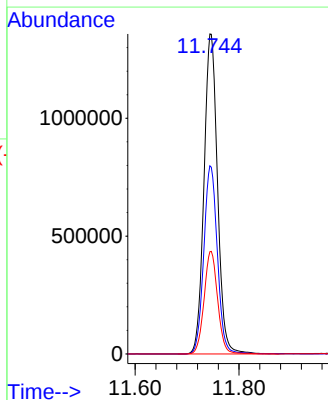
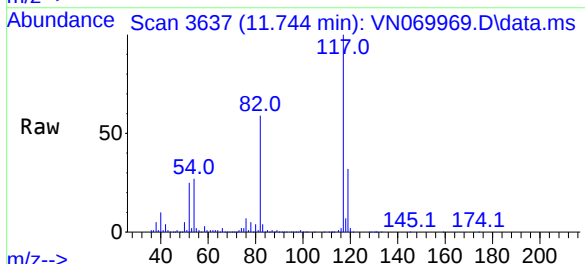
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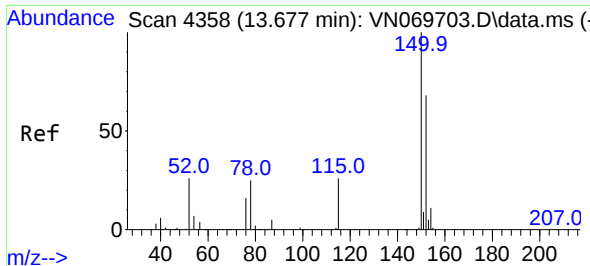
Tgt Ion: 95 Resp: 1245312
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Tgt Ion: 117 Resp: 2460125
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.0 25.4 38.2

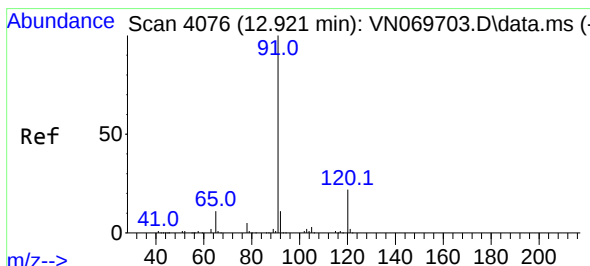
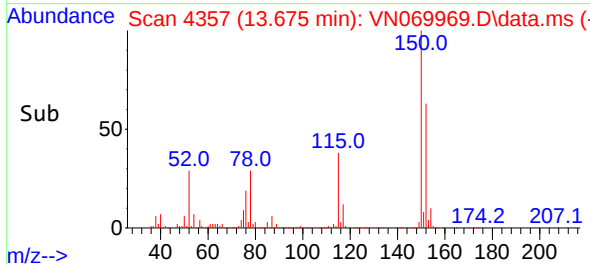
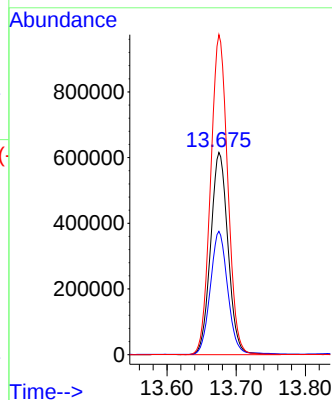
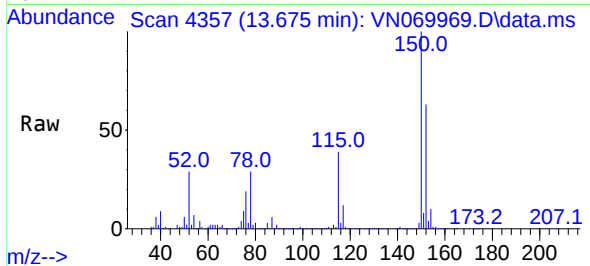




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

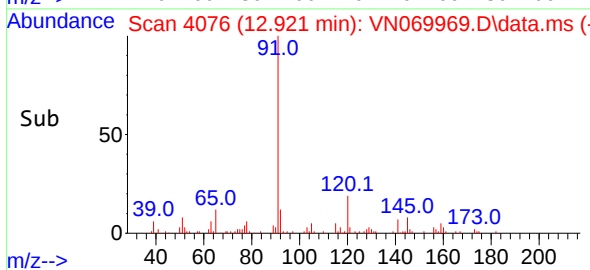
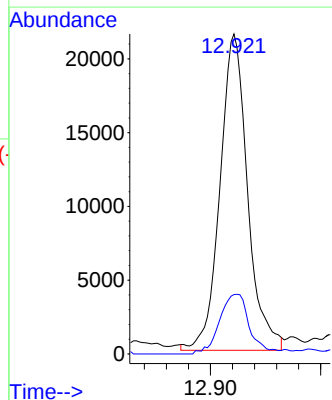
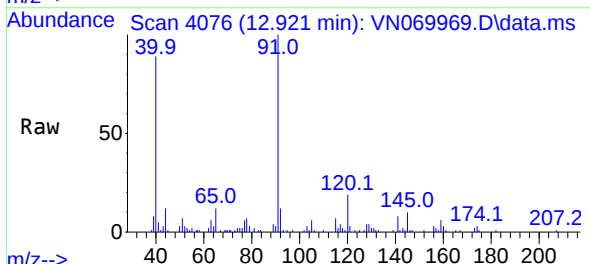
Instrument :
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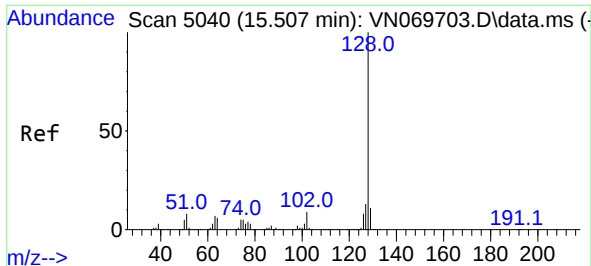
Tgt Ion:152 Resp: 1072803
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 156.2 0.0 344.4



#78
n-propylbenzene
Concen: 0.351 ug/l m
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

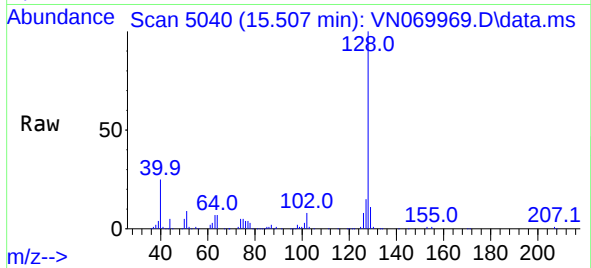
Tgt Ion: 91 Resp: 37248
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#





#95
Naphthalene
Concen: 6.705 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN069969.D
Acq: 10 Dec 2021 19:48

Instrument :
MSVOA_N
ClientSampleId :
MW-28D2



Tgt Ion:128 Resp: 154941
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.7 13.1

