

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070265.D
 Acq On : 21 Dec 2021 14:11
 Operator : JC/MD
 Sample : M5039-05DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22DL

Quant Time: Dec 21 20:10:38 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)

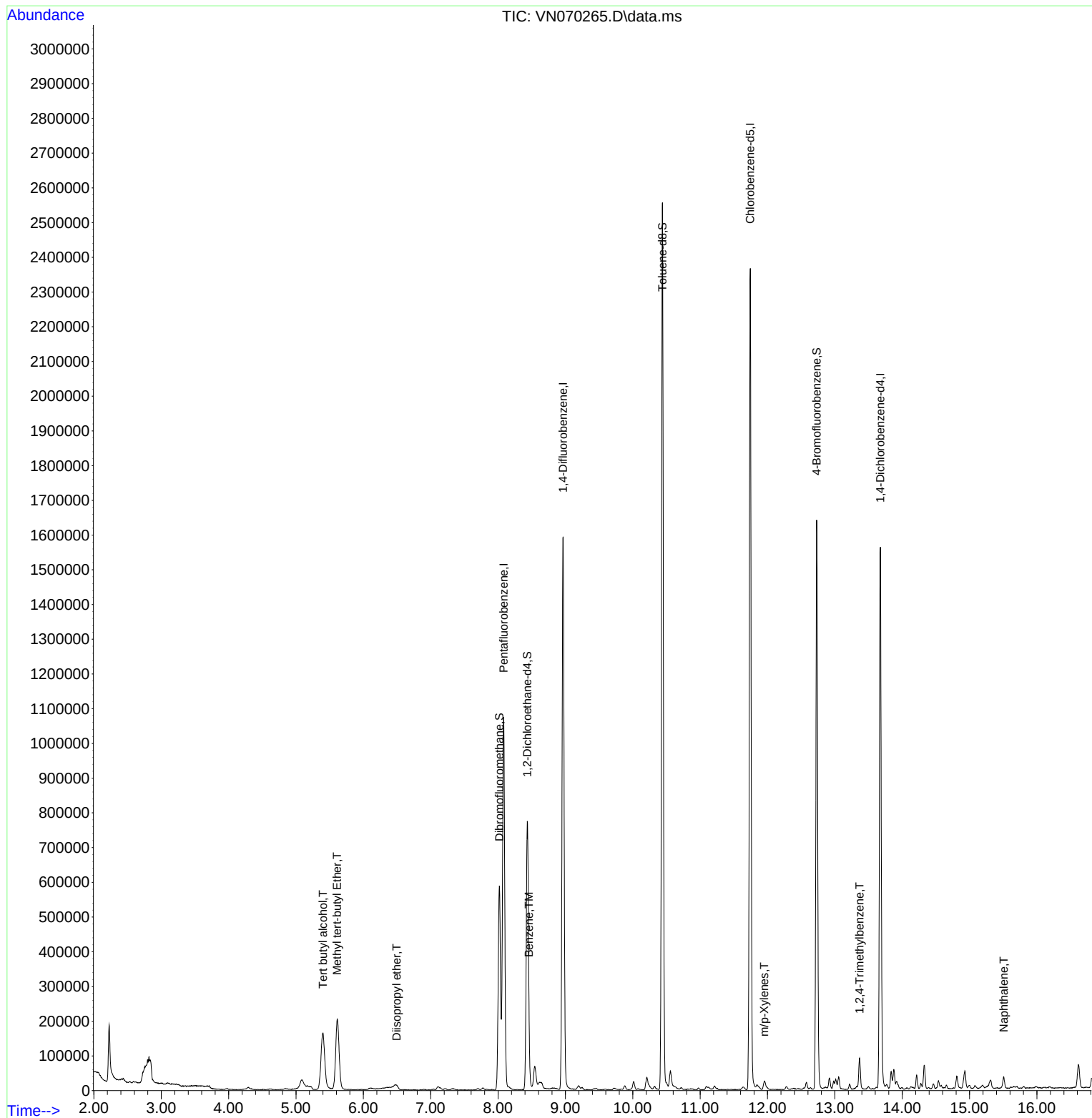
Internal Standards						
1) Pentafluorobenzene	8.083	168	799732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1368482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1309991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	424668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	669992	54.260	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.520%			
35) Dibromofluoromethane	8.019	113	434206	50.655	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.300%			
50) Toluene-d8	10.440	98	1753323	50.941	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.731	95	586582	47.042	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.080%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.398	59	320132	137.157	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	317494	10.719	ug/l	98
22) Diisopropyl ether	6.495	45	16384	0.488	ug/l #	82
40) Benzene	8.459	78	23146	0.581	ug/l	98
68) m/p-Xylenes	11.953	106	7159	0.407	ug/l	87
84) 1,2,4-Trimethylbenzene	13.367	105	50817	1.755	ug/l	97
95) Naphthalene	15.507	128	28725	5.259	ug/l	99

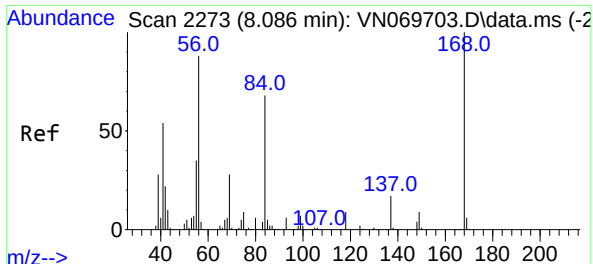
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 20:10:38 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

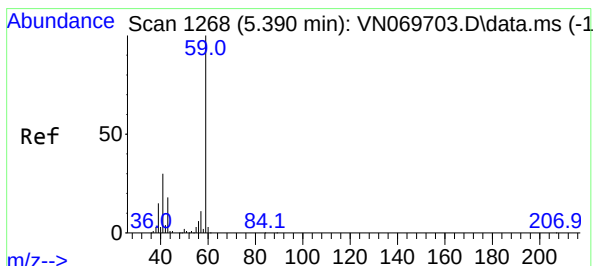
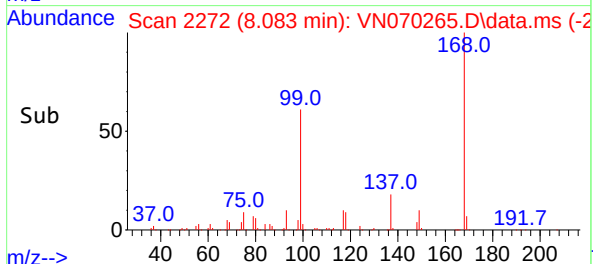
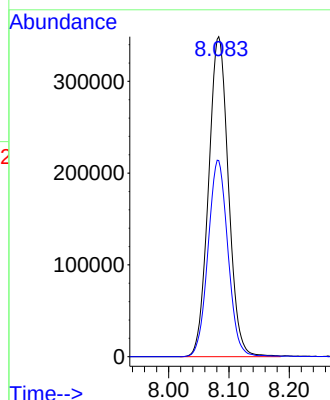
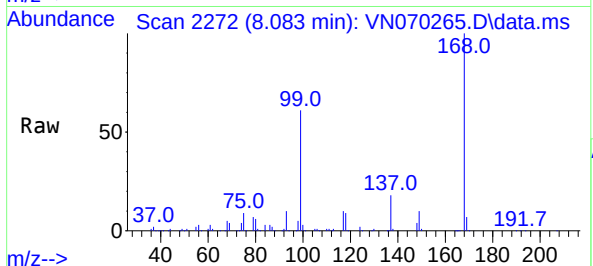




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

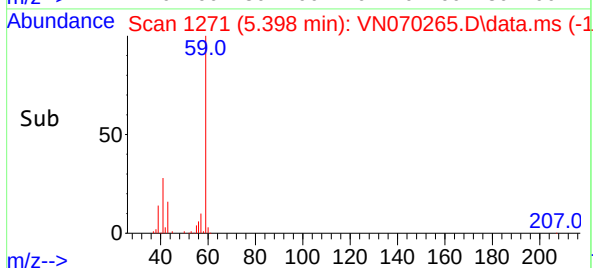
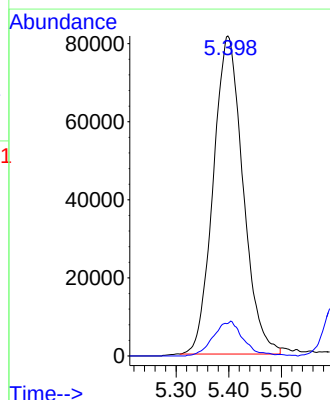
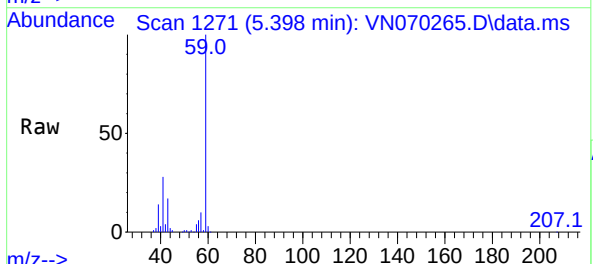
Instrument :
MSVOA_N
ClientSampleId :
MW-22DL

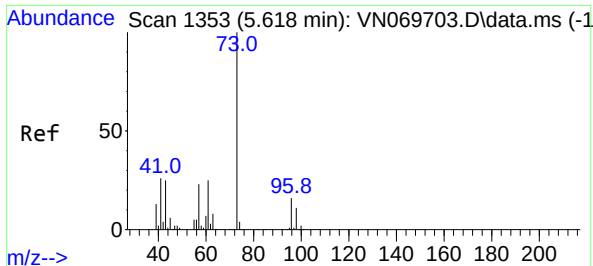
Tgt Ion:168 Resp: 799732
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 137.157 ug/l
RT: 5.398 min Scan# 1271
Delta R.T. 0.008 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

Tgt Ion: 59 Resp: 320132
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1





#19

Methyl tert-butyl Ether

Concen: 10.719 ug/l

RT: 5.610 min Scan# 11

Delta R.T. -0.008 min

Lab File: VN070265.D

Acq: 21 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

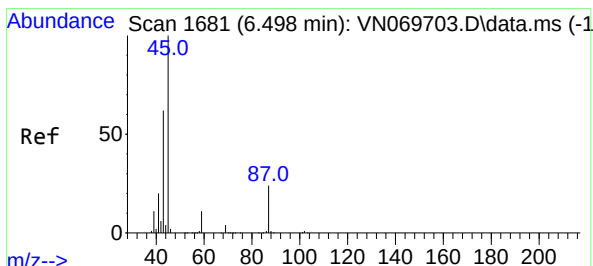
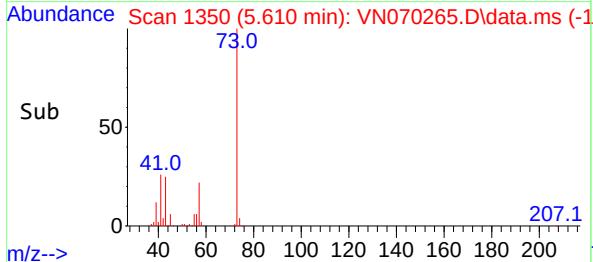
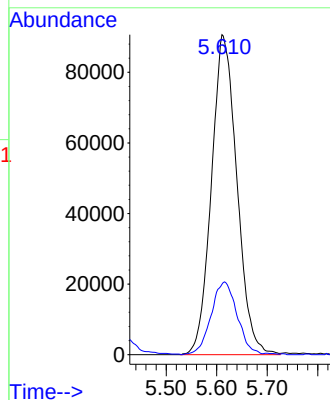
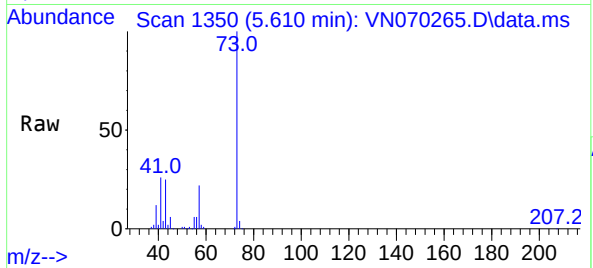
MW-22DL

Tgt Ion: 73 Resp: 317494

Ion Ratio Lower Upper

73 100

57 21.8 16.8 25.2



#22

Diisopropyl ether

Concen: 0.488 ug/l

RT: 6.495 min Scan# 1680

Delta R.T. -0.002 min

Lab File: VN070265.D

Acq: 21 Dec 2021 14:11

Tgt Ion: 45 Resp: 16384

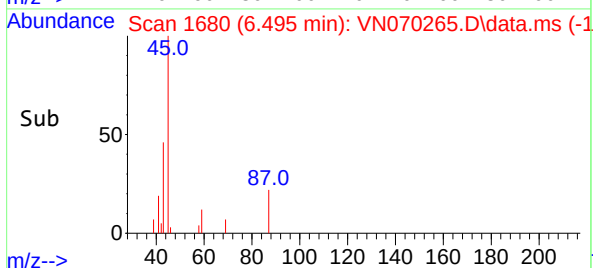
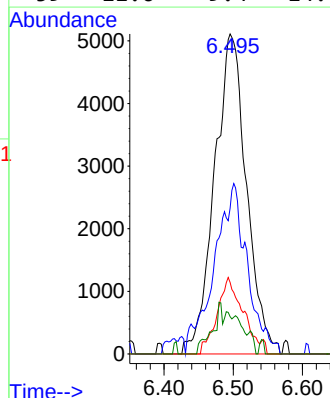
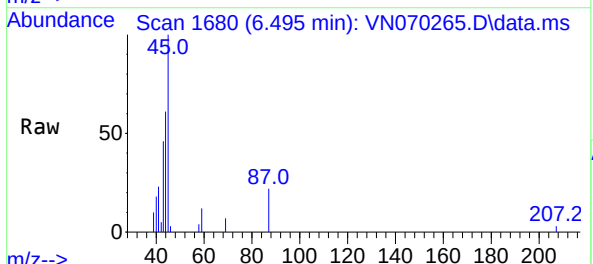
Ion Ratio Lower Upper

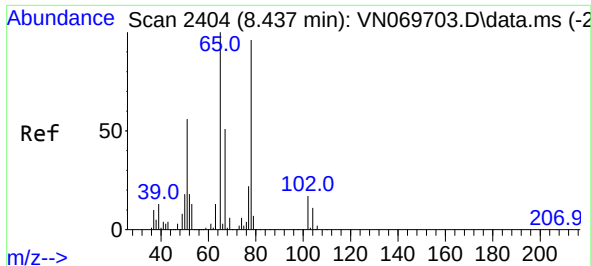
45 100

43 45.6 51.7 77.5#

87 22.3 23.2 34.8#

59 11.6 9.4 14.0

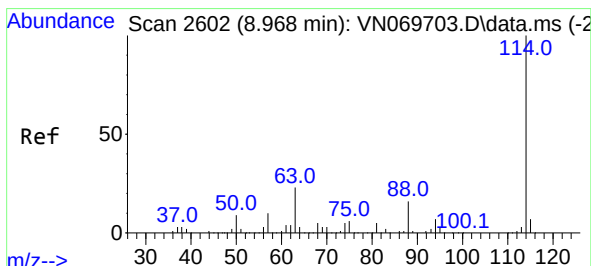
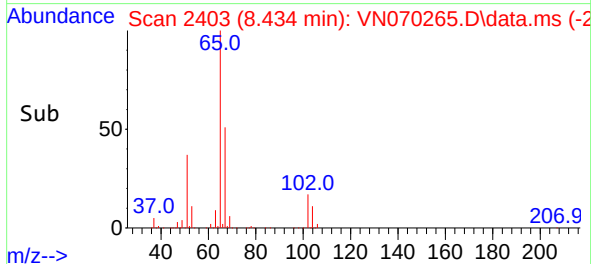
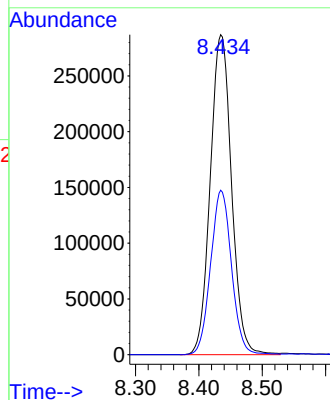
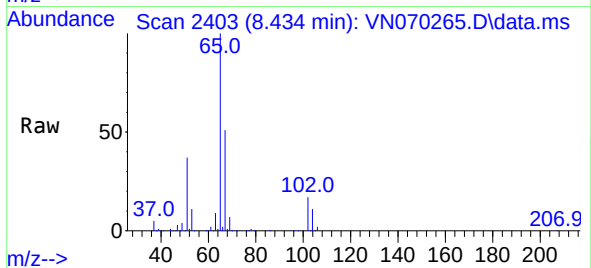




#33
 1,2-Dichloroethane-d4
 Concen: 54.260 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.002 min
 Lab File: VN070265.D
 Acq: 21 Dec 2021 14:11

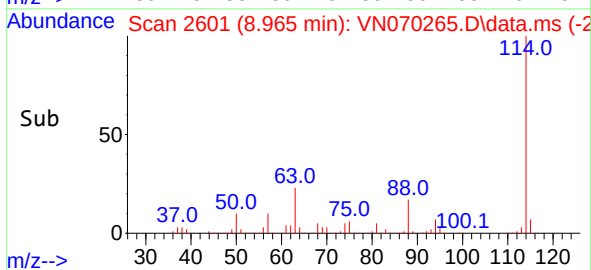
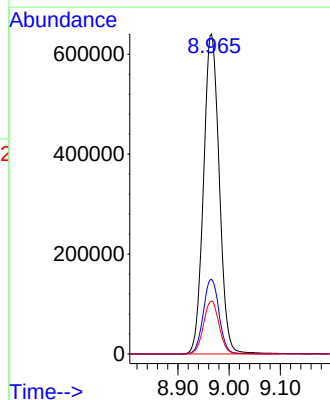
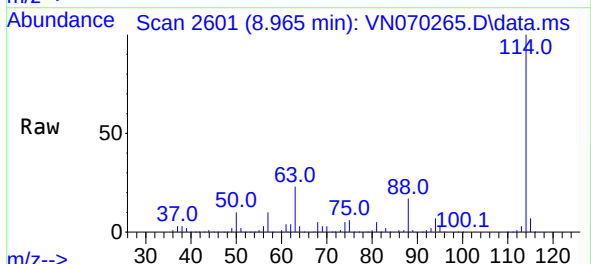
Instrument :
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 MW-22DL

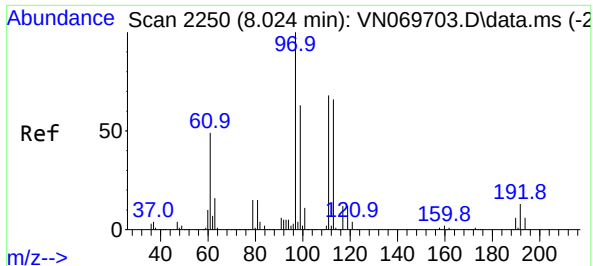
Tgt Ion: 65 Resp: 669992
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070265.D
 Acq: 21 Dec 2021 14:11

Tgt Ion: 114 Resp: 1368482
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 16.5 0.0 27.4



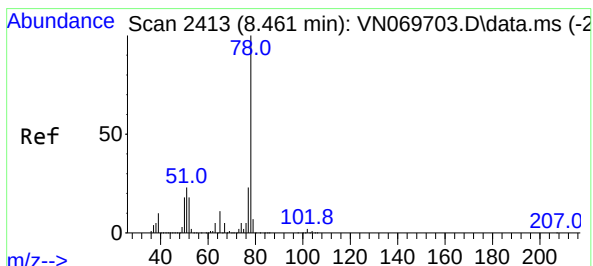
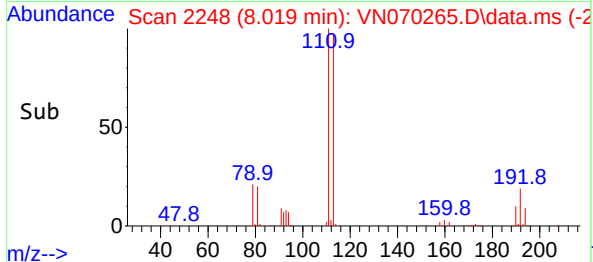
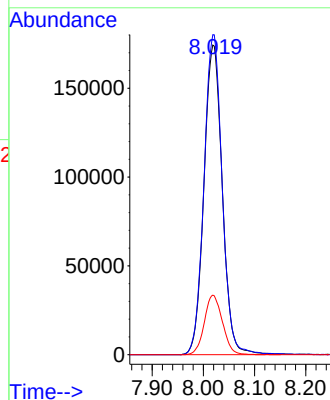
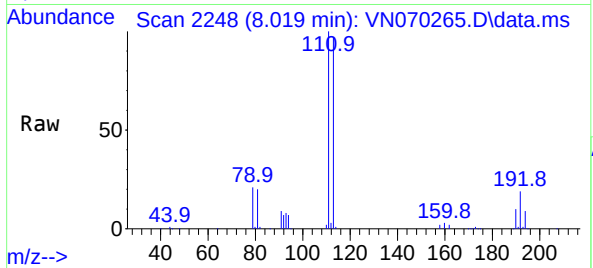


#35
 Dibromofluoromethane
 Concen: 50.655 ug/l
 RT: 8.019 min Scan# 211
 Delta R.T. -0.005 min
 Lab File: VN070265.D
 Acq: 21 Dec 2021 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22DL

Tgt Ion:113 Resp: 434206

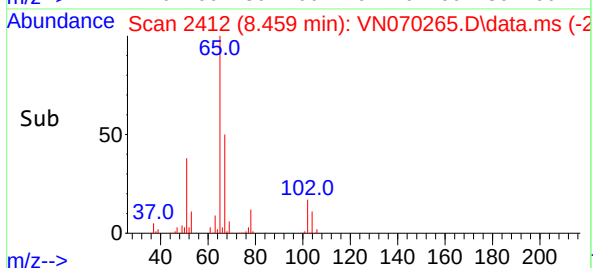
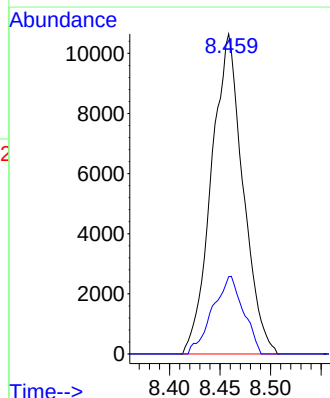
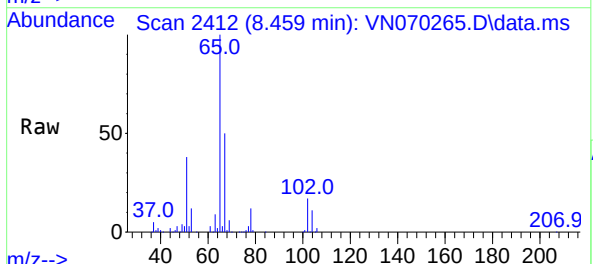
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	18.9	16.9	25.3

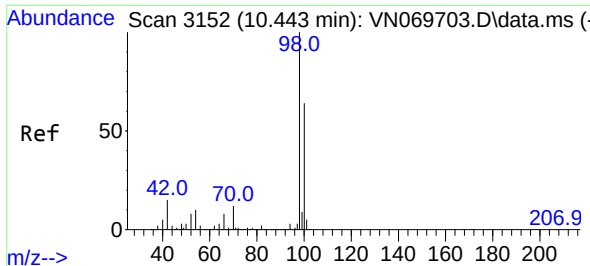


#40
 Benzene
 Concen: 0.581 ug/l
 RT: 8.459 min Scan# 2412
 Delta R.T. -0.002 min
 Lab File: VN070265.D
 Acq: 21 Dec 2021 14:11

Tgt Ion: 78 Resp: 23146

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8

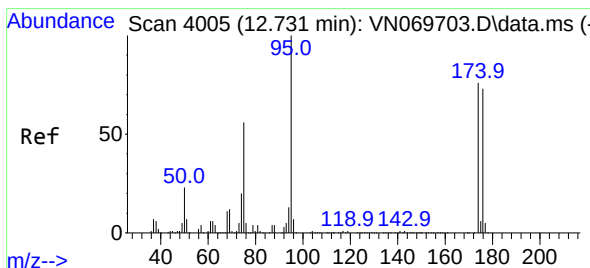
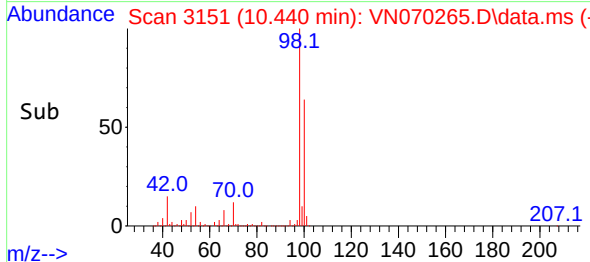
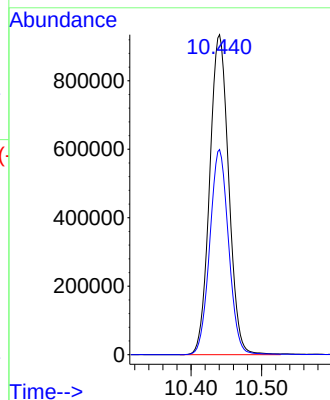
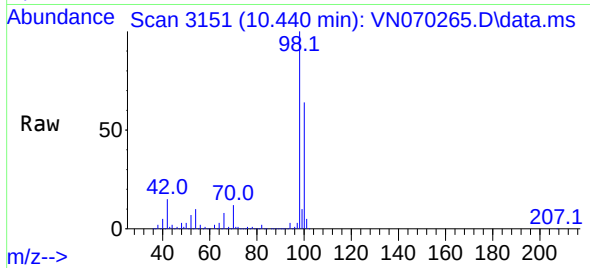




#50
Toluene-d8
Concen: 50.941 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

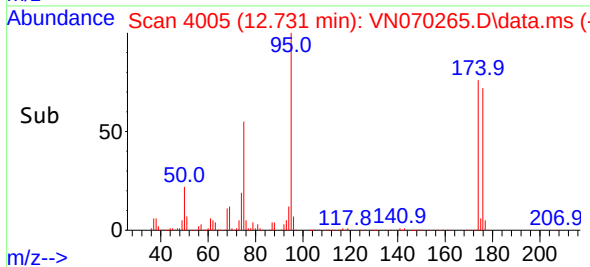
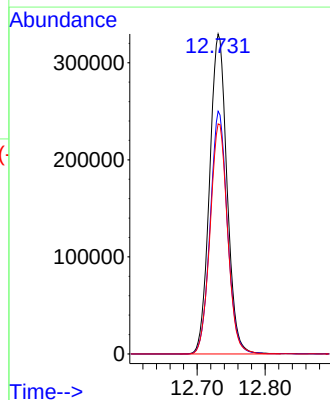
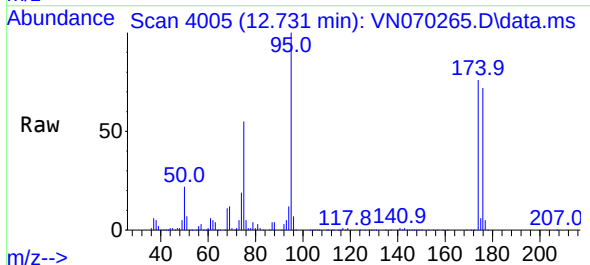
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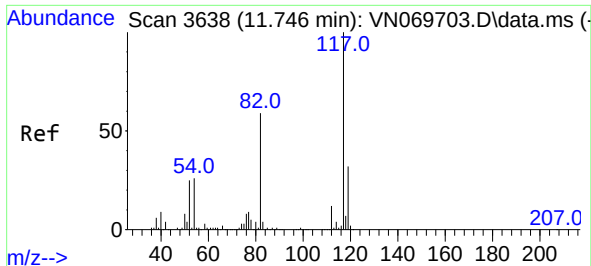
Tgt Ion: 98 Resp: 1753323
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 47.042 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

Tgt Ion: 95 Resp: 586582
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.1 0.0 181.4

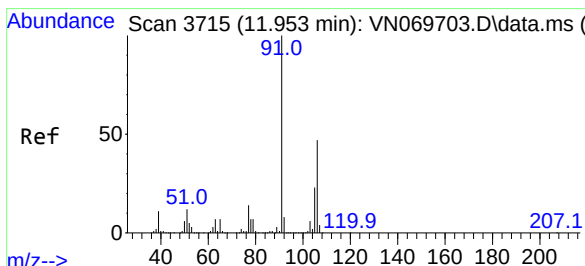
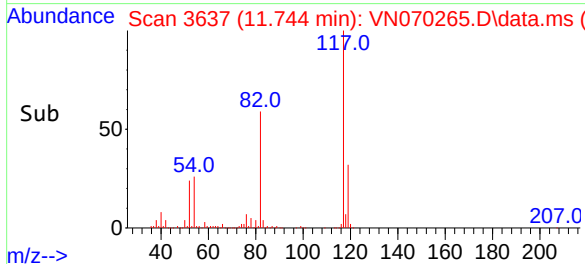
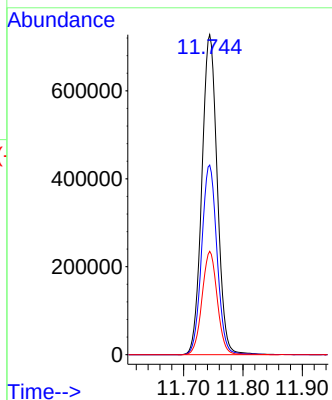
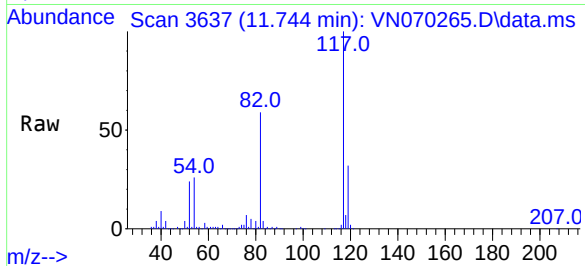




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

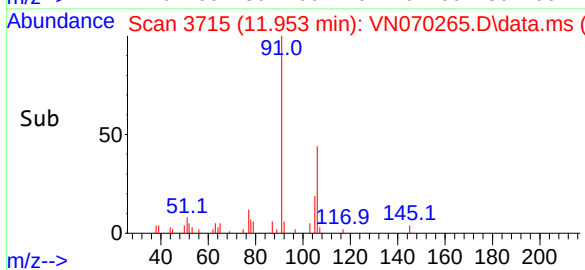
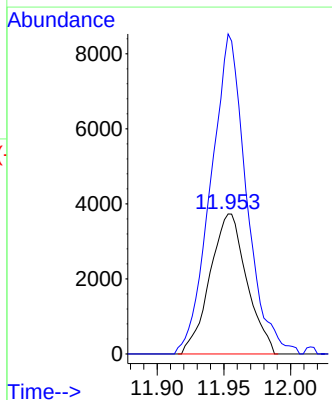
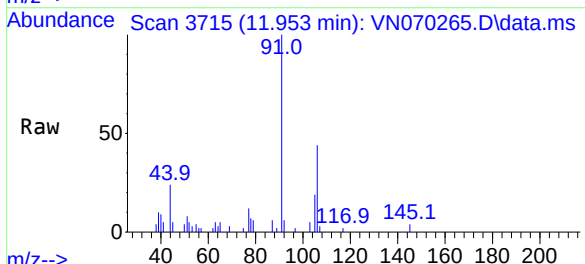
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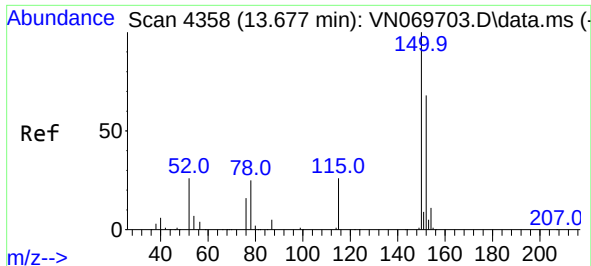
Tgt Ion:117 Resp: 1309991
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.407 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

Tgt Ion:106 Resp: 7159
Ion Ratio Lower Upper
106 100
91 221.0 160.6 240.8

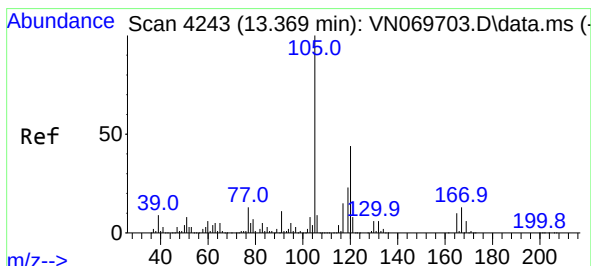
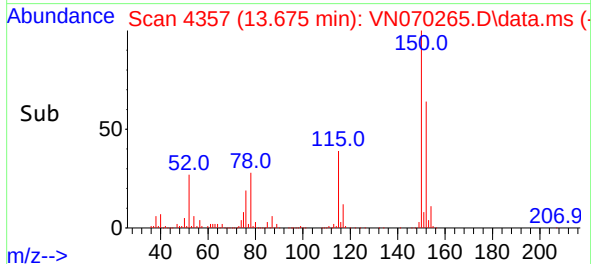
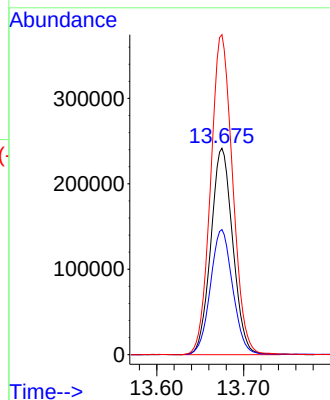
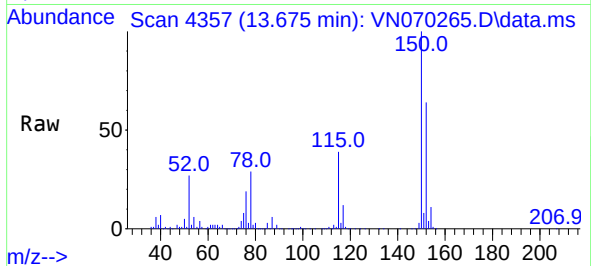




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

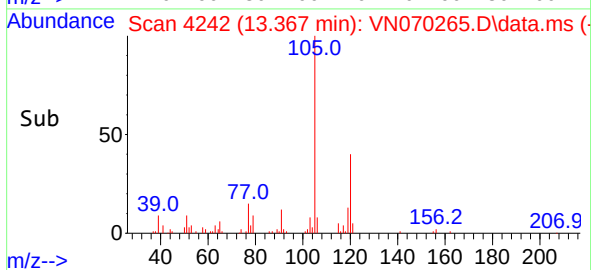
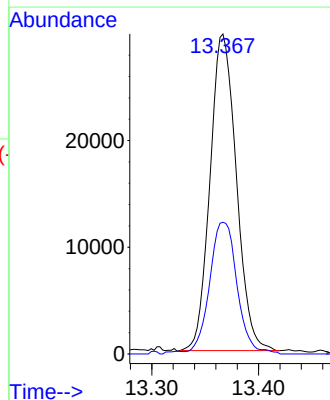
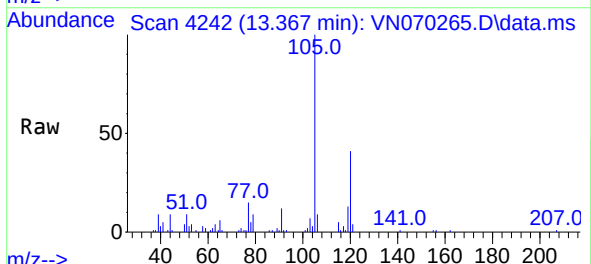
Instrument :
MSVOA_N
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MW-22DL

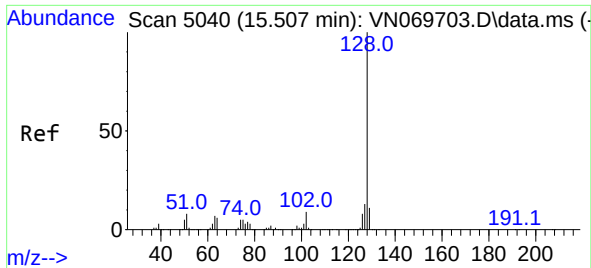
Tgt Ion:152 Resp: 424668
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.0 0.0 344.4



#84
1,2,4-Trimethylbenzene
Concen: 1.755 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

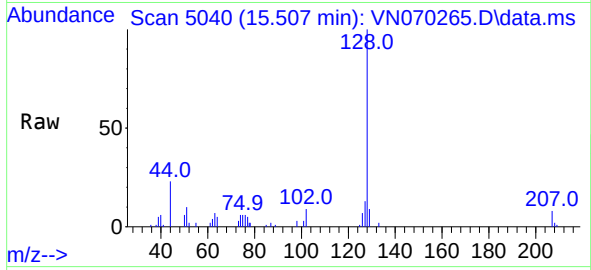
Tgt Ion:105 Resp: 50817
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#95
Naphthalene
Concen: 5.259 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN070265.D
Acq: 21 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-22DL



Tgt Ion:128 Resp: 28725

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.8	8.7	13.1

