

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070140.D
 Acq On : 16 Dec 2021 16:14
 Operator : JC/MD
 Sample : M5011-10
 Misc : 3.85g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-5-(9-9.5)

Quant Time: Dec 16 17:30:53 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)

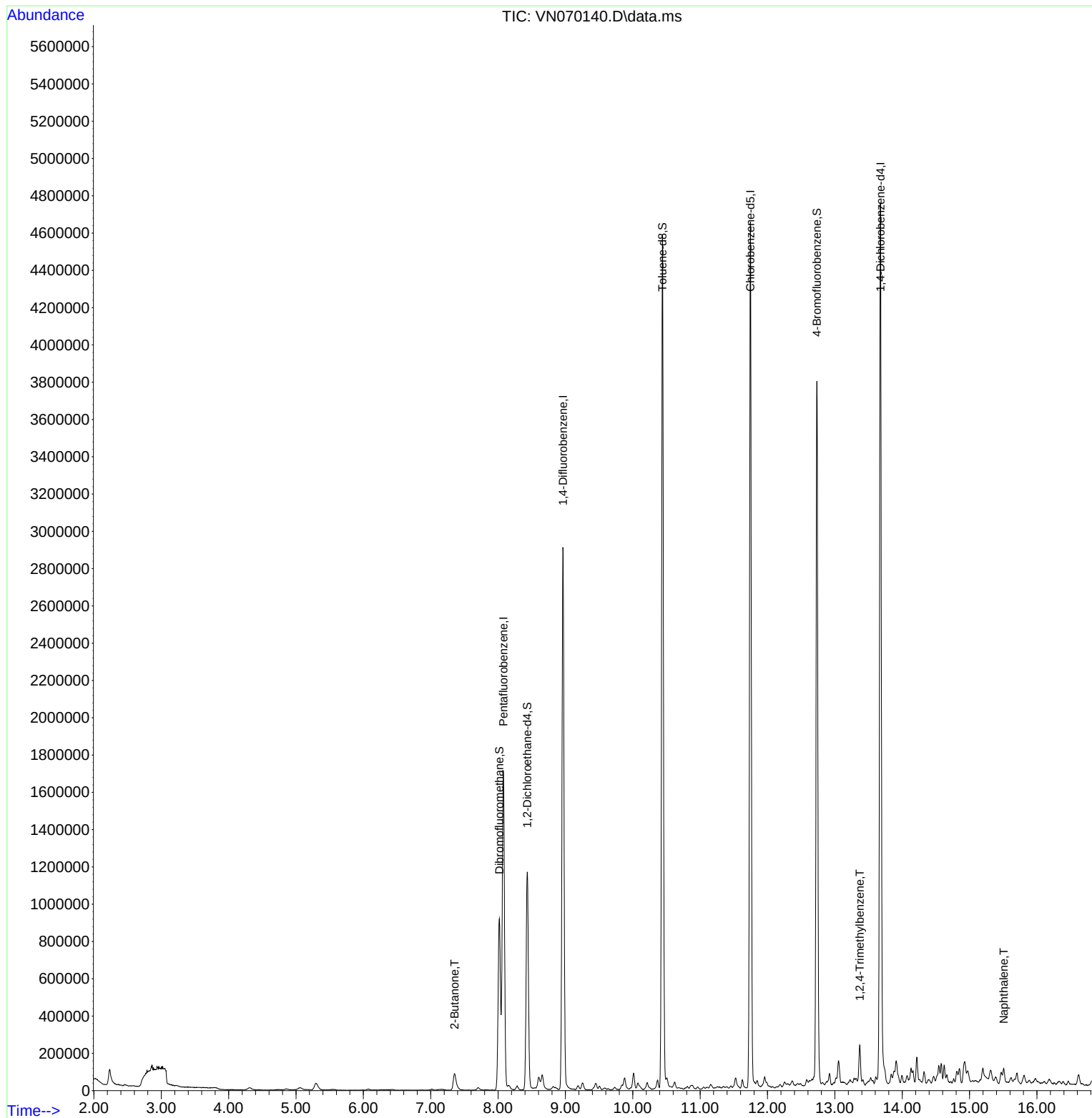
Internal Standards						
1) Pentafluorobenzene	8.078	168	1303031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2446082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2549394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1237983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1018456	50.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.24%			
35) Dibromofluoromethane	8.019	113	677187	44.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 88.40%			
50) Toluene-d8	10.441	98	3076386	50.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.00%			
62) 4-Bromofluorobenzene	12.734	95	1322464	59.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.68%			
Target Compounds						
25) 2-Butanone	7.354	43	178295	10.84	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	121686	1.44	ug/l	100
95) Naphthalene	15.507	128	65008	4.97	ug/l	97

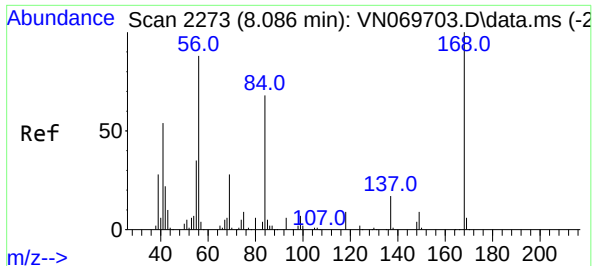
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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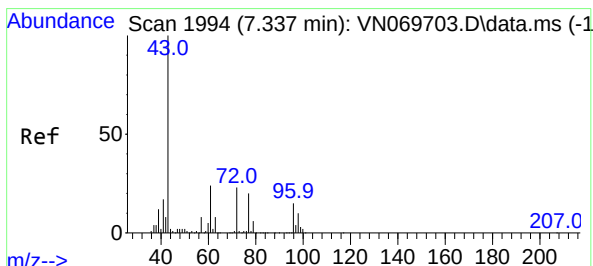
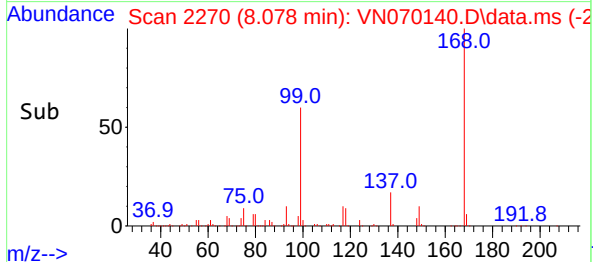
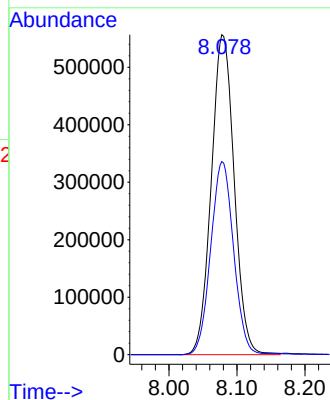
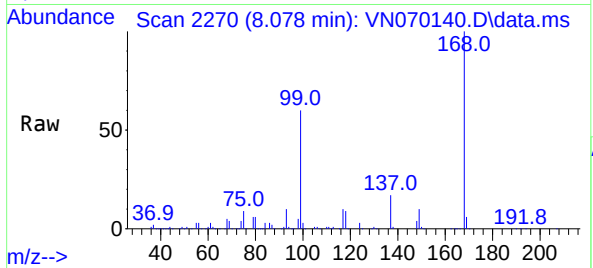




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

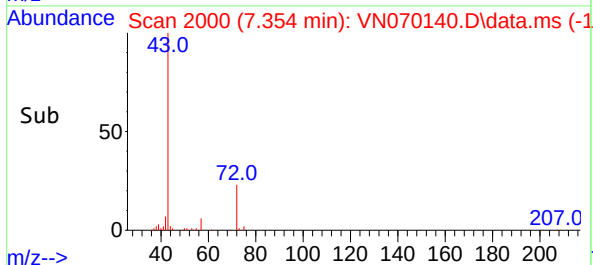
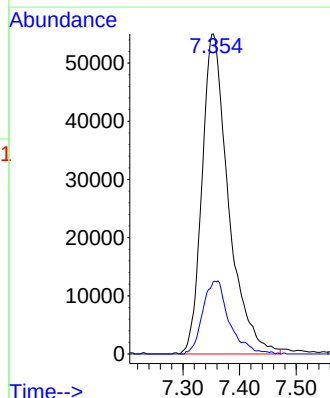
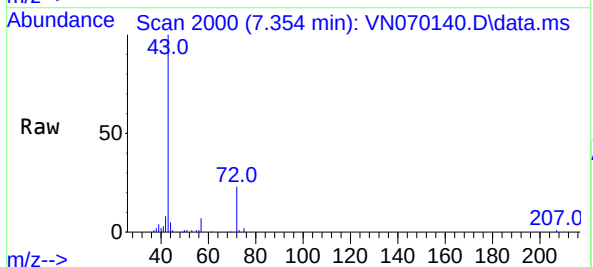
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(9-9.5)

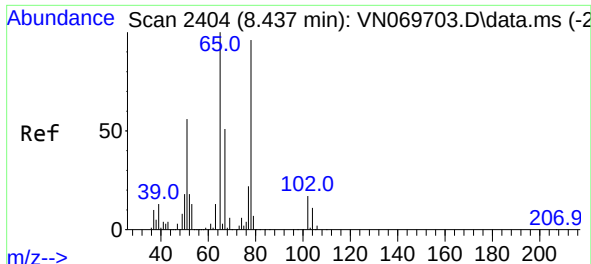
Tgt Ion:168 Resp: 1303031
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#25
2-Butanone
Concen: 10.84 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

Tgt Ion: 43 Resp: 178295
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

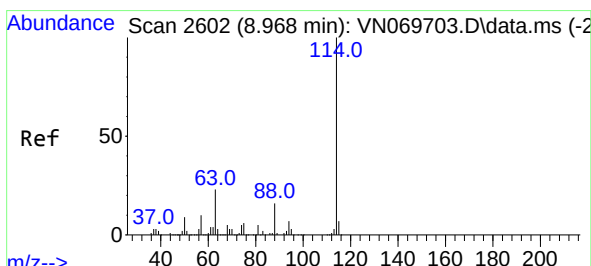
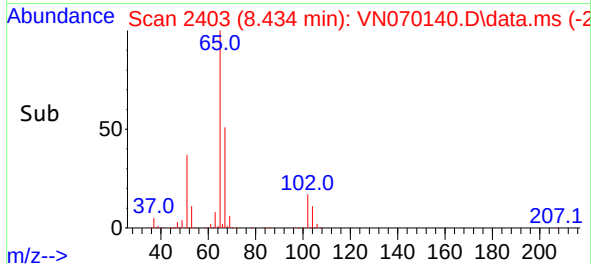
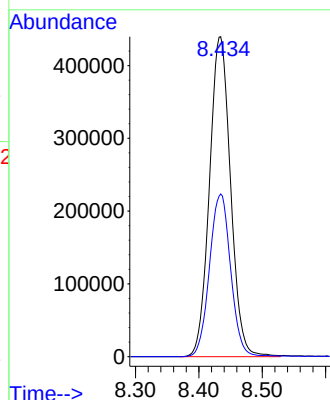
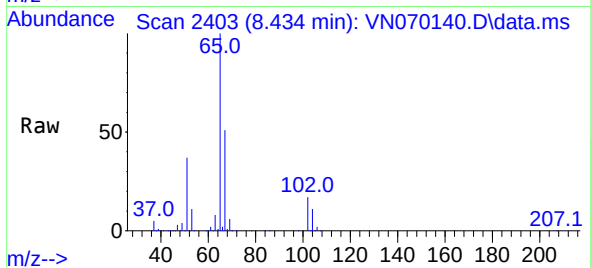




#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.002 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

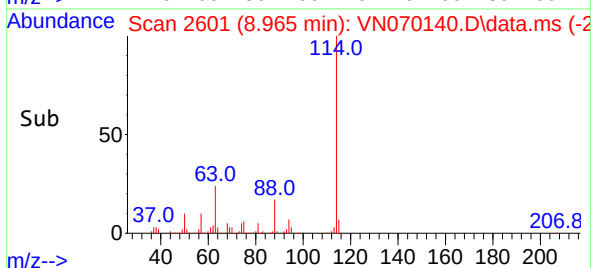
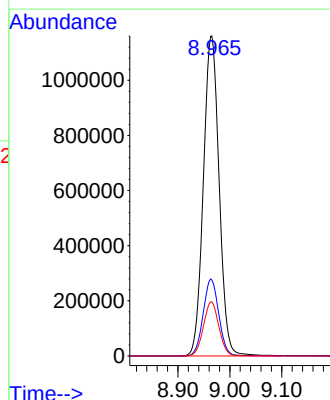
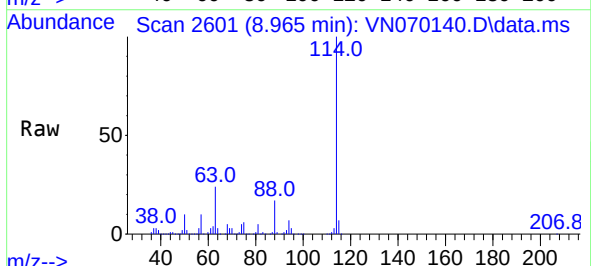
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(9-9.5)

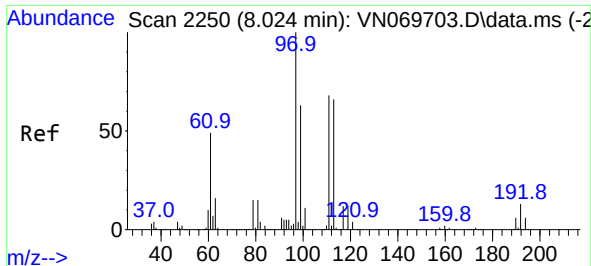
Tgt Ion: 65 Resp: 1018456
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

Tgt Ion: 114 Resp: 2446082
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.9 0.0 27.4

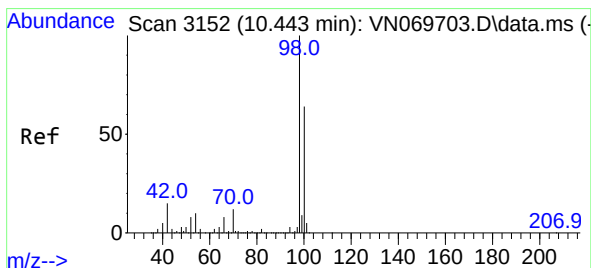
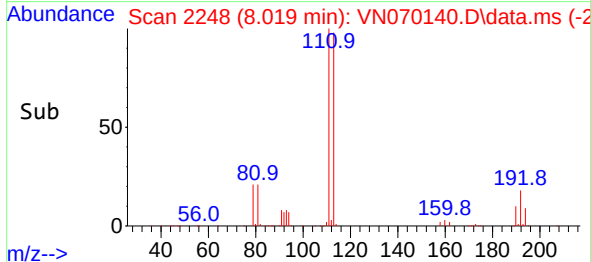
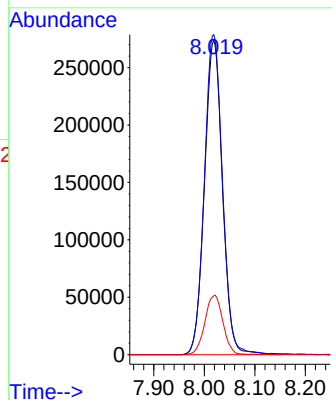
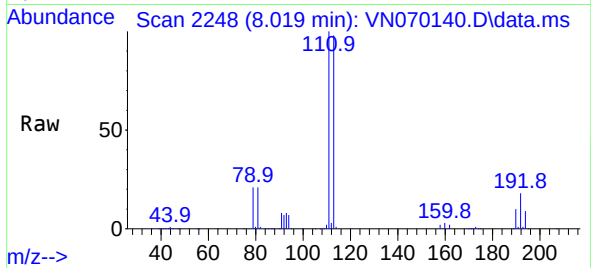




#35
Dibromofluoromethane
Concen: 44.20 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

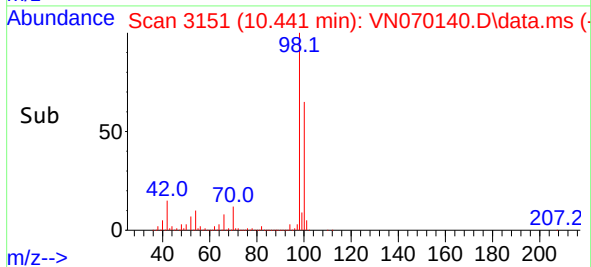
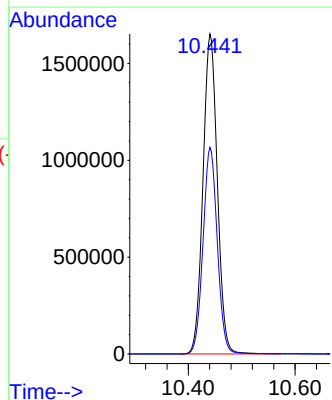
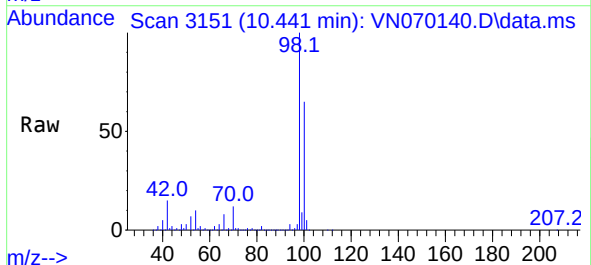
Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(9-9.5)

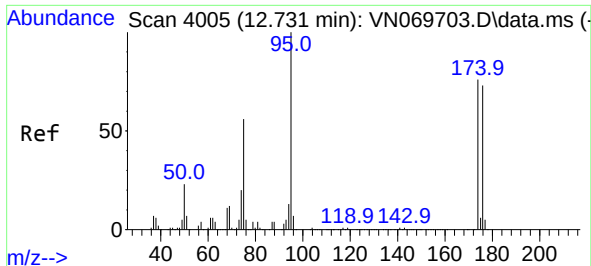
Tgt Ion:113 Resp: 677187
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 50.00 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

Tgt Ion: 98 Resp: 3076386
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

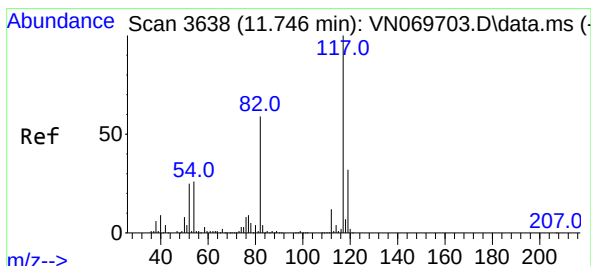
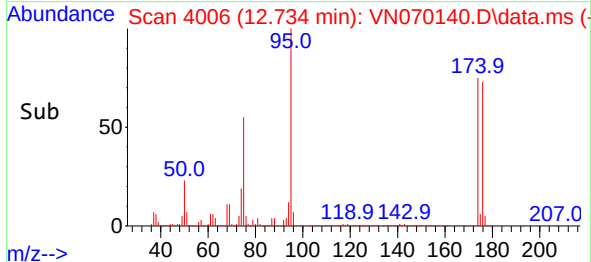
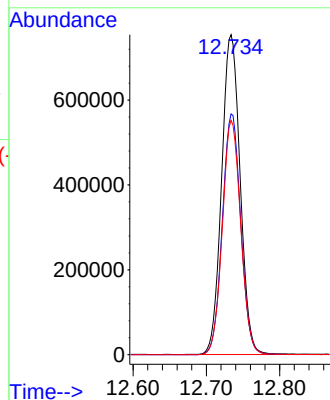
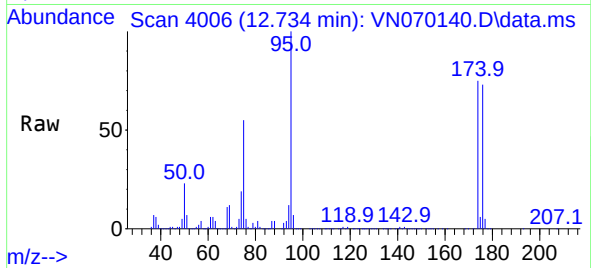




#62
4-Bromofluorobenzene
Concen: 59.34 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

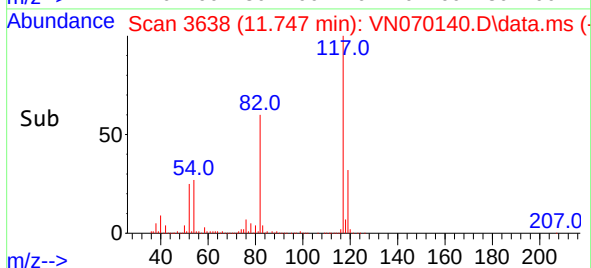
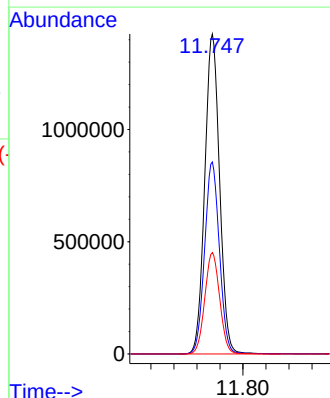
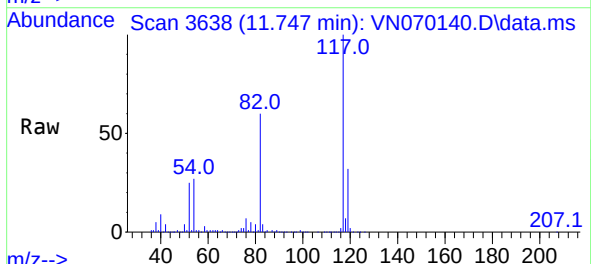
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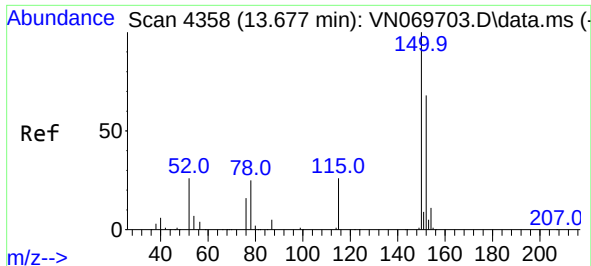
Tgt Ion: 95 Resp: 1322464
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

Tgt Ion: 117 Resp: 2549394
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.7 25.4 38.2



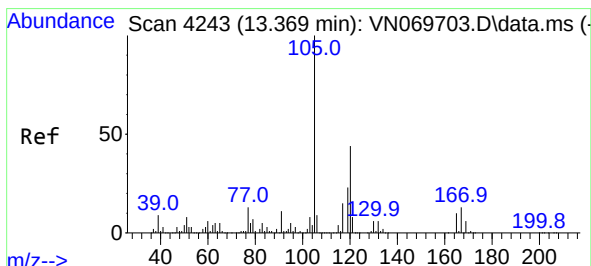
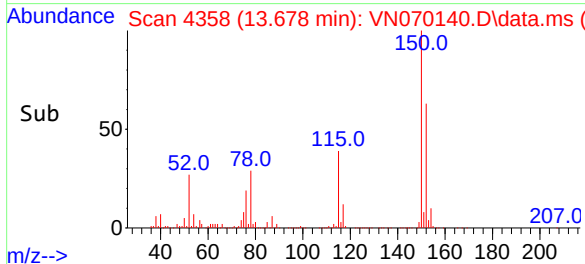
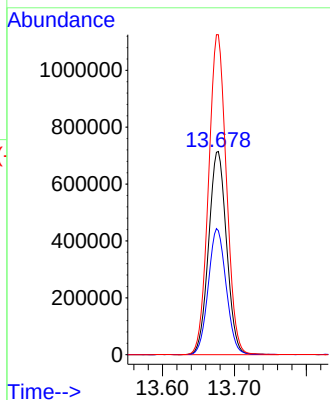
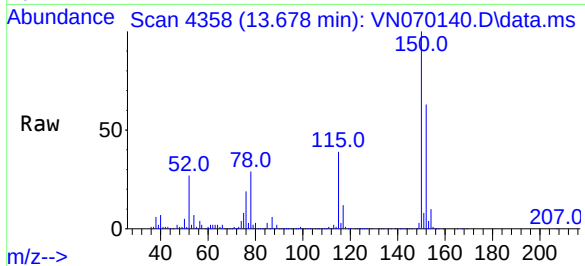


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070140.D
 Acq: 16 Dec 2021 16:14

Instrument :
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 HSB-5-(9-9.5)

Tgt Ion:152 Resp: 1237983

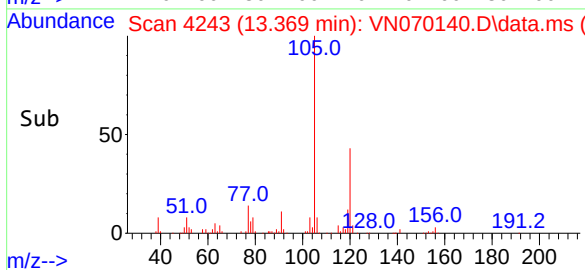
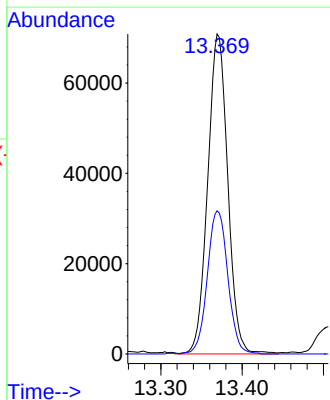
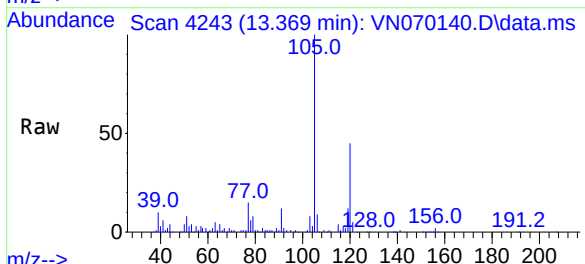
Ion	Ratio	Lower	Upper
152	100		
115	61.8	27.5	82.5
150	156.9	0.0	344.4

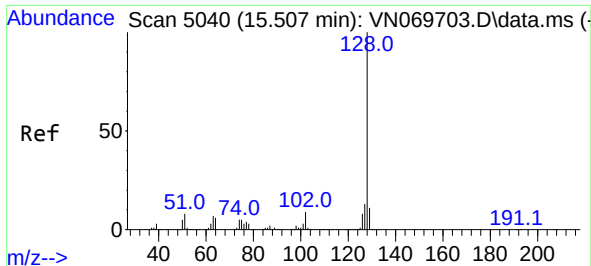


#84
 1,2,4-Trimethylbenzene
 Concen: 1.44 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN070140.D
 Acq: 16 Dec 2021 16:14

Tgt Ion:105 Resp: 121686

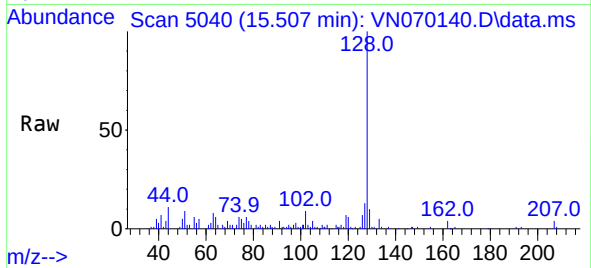
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.8	68.4





#95
Naphthalene
Concen: 4.97 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070140.D
Acq: 16 Dec 2021 16:14

Instrument :
MSVOA_N
ClientSampleId :
HSB-5-(9-9.5)



Tgt Ion:128 Resp: 65008
Ion Ratio Lower Upper
128 100
127 14.8 10.5 15.7
129 11.4 8.7 13.1

