

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070144.D
 Acq On : 16 Dec 2021 17:57
 Operator : JC/MD
 Sample : M5011-21
 Misc : 5.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-10-(10-10.5)

Quant Time: Dec 16 18:58:35 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)

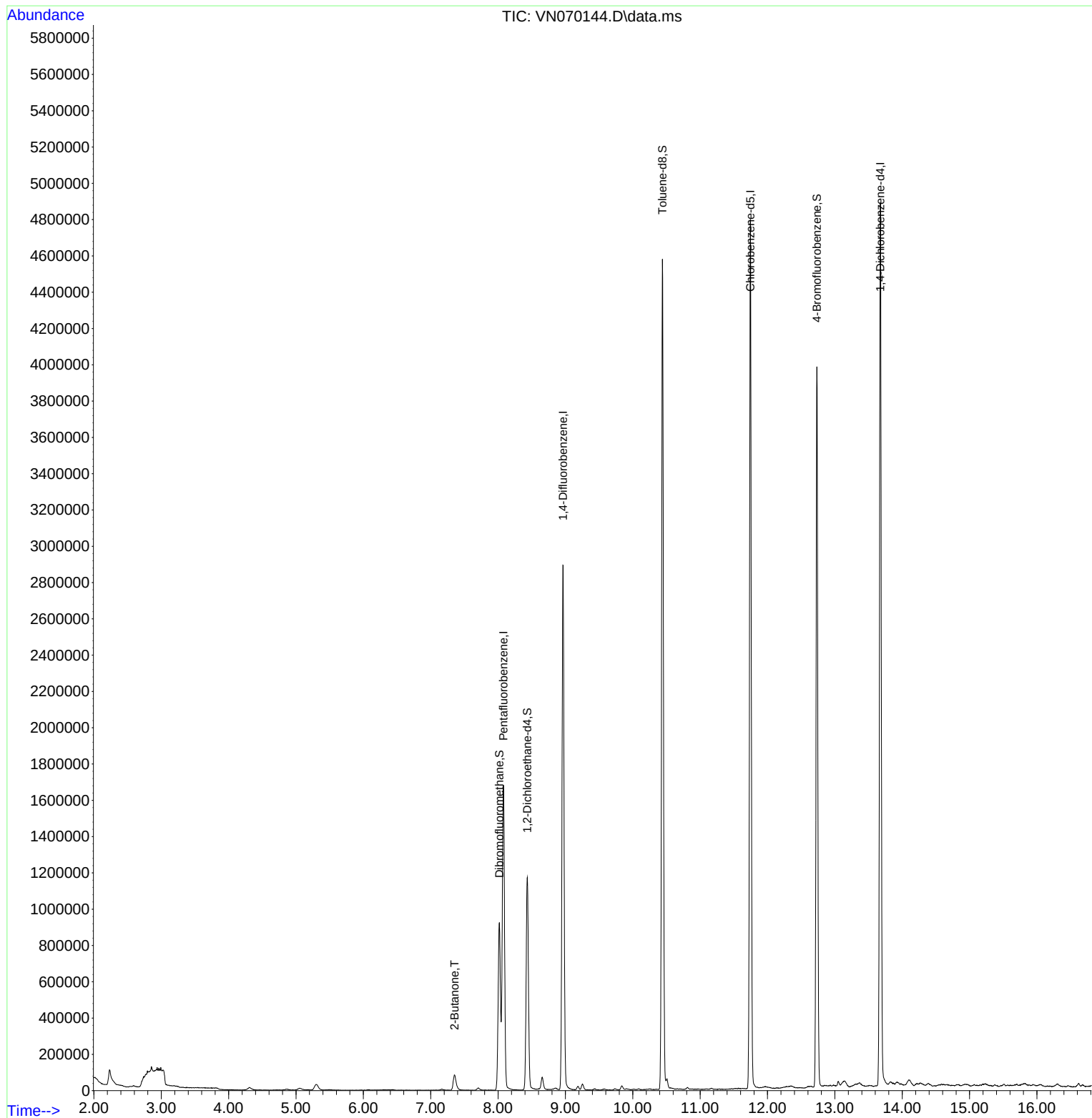
Internal Standards						
1) Pentafluorobenzene	8.080	168	1276328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2449483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2609673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1268382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1021710	51.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.70%
35) Dibromofluoromethane	8.019	113	668950	43.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.20%
50) Toluene-d8	10.440	98	3112106	50.52	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.04%
62) 4-Bromofluorobenzene	12.734	95	1355626	60.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.48%
Target Compounds					Qvalue	
25) 2-Butanone	7.354	43	163847	10.17	ug/l	92

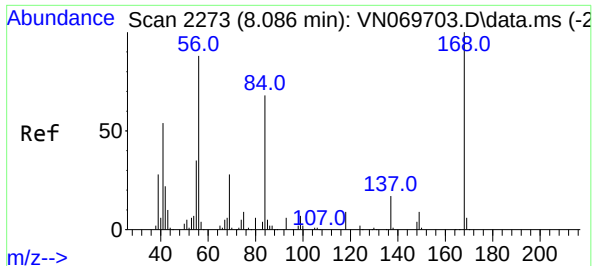
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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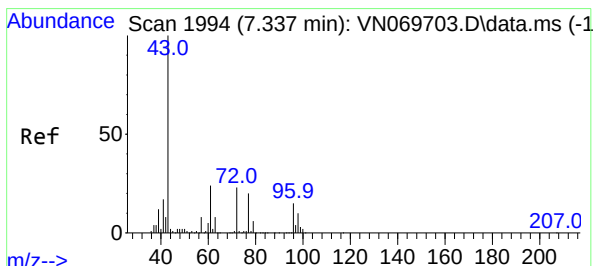
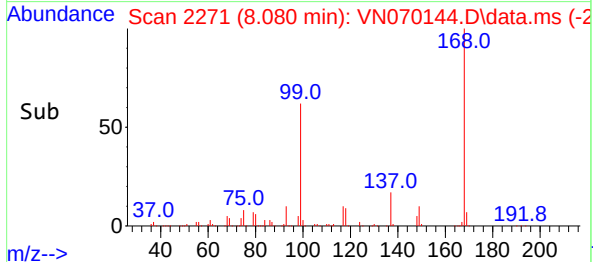
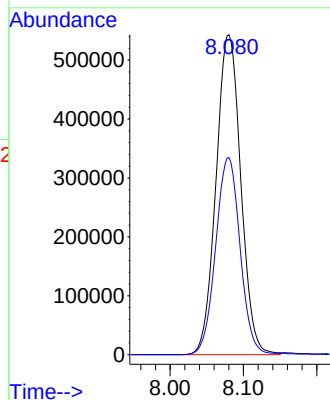
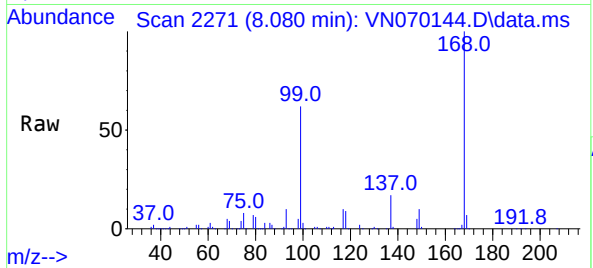




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

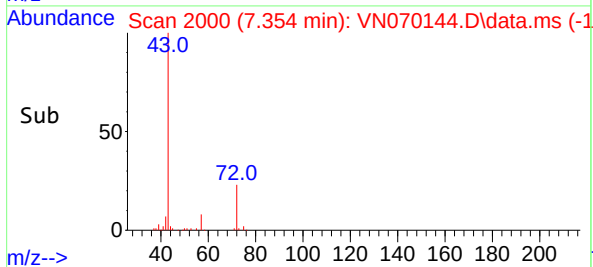
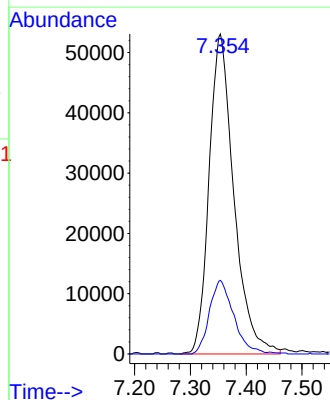
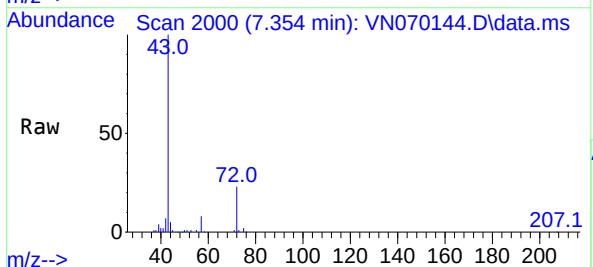
Instrument :
MSVOA_N
ClientSampleId :
HSB-10-(10-10.5)

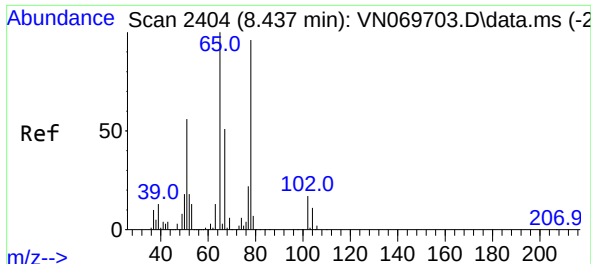
Tgt Ion:168 Resp: 1276328
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#25
2-Butanone
Concen: 10.17 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 43 Resp: 163847
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

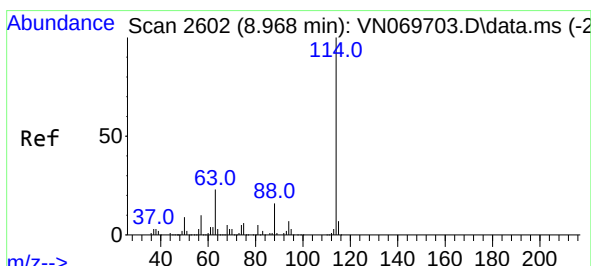
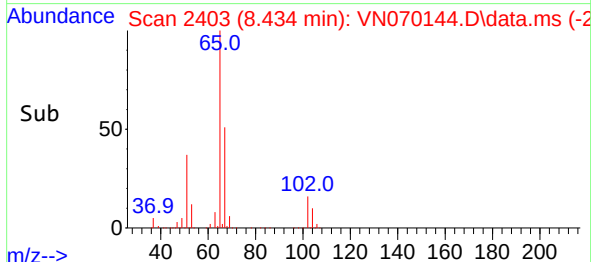
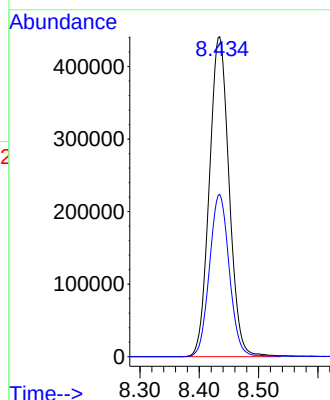
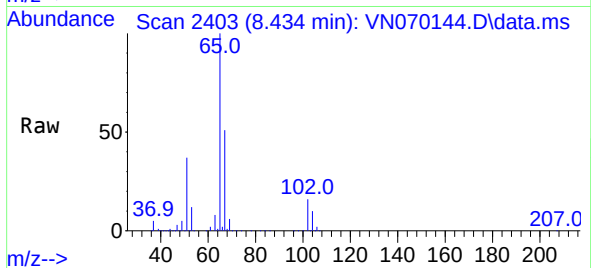




#33
 1,2-Dichloroethane-d4
 Concen: 51.85 ug/l
 RT: 8.434 min Scan# 2404
 Delta R.T. -0.002 min
 Lab File: VN070144.D
 Acq: 16 Dec 2021 17:57

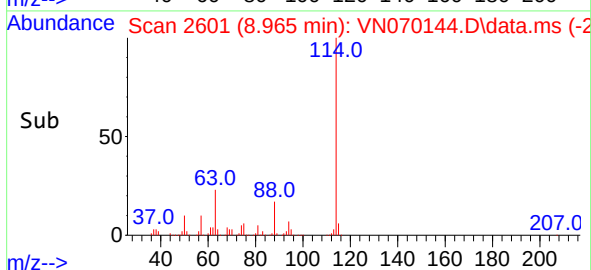
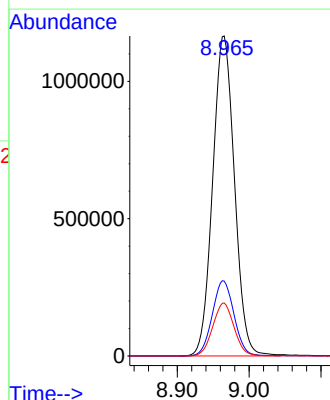
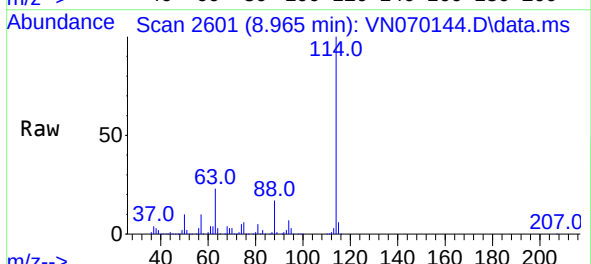
Instrument :
 MSVOA_N
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 HSB-10-(10-10.5)

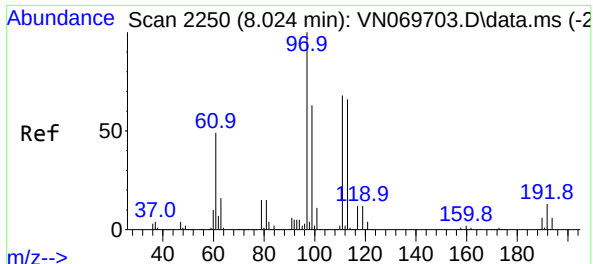
Tgt Ion: 65 Resp: 1021710
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN070144.D
 Acq: 16 Dec 2021 17:57

Tgt Ion: 114 Resp: 2449483
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.6 0.0 27.4

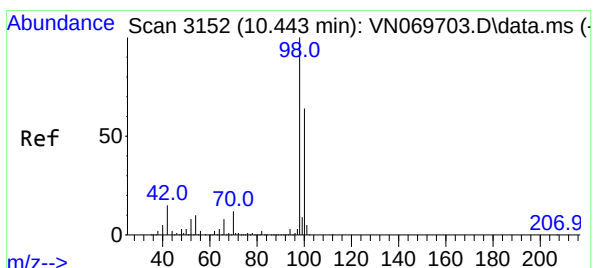
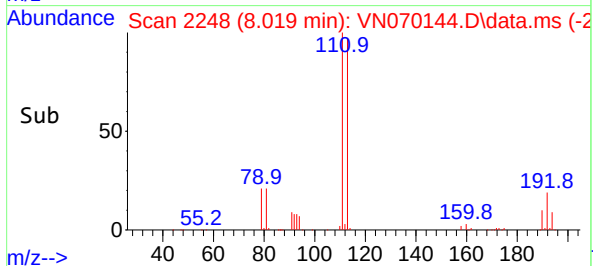
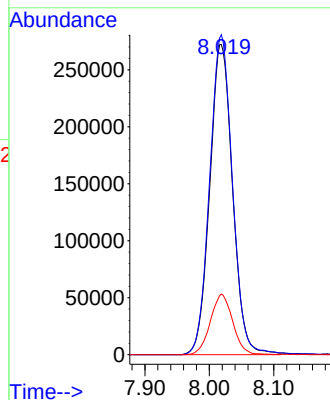
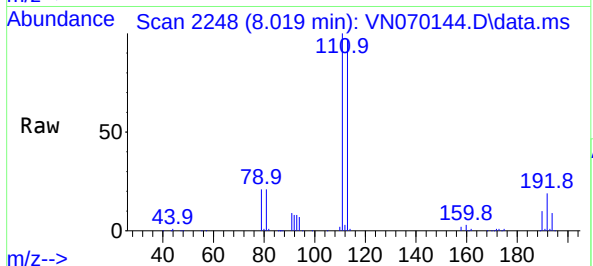




#35
Dibromofluoromethane
Concen: 43.60 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

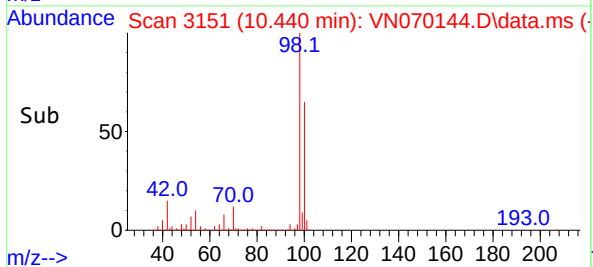
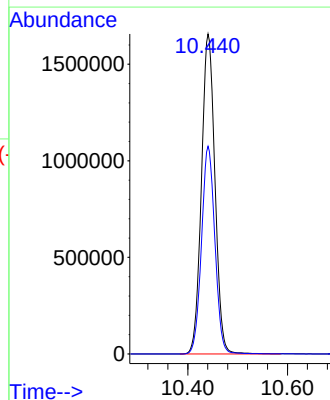
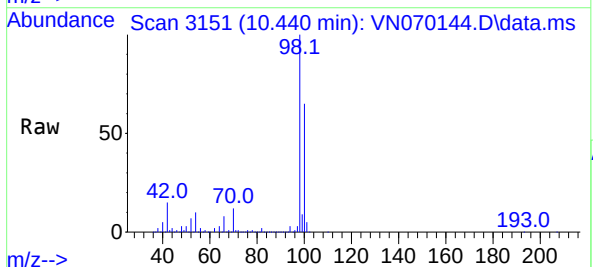
Instrument :
MSVOA_N
ClientSampleId :
HSB-10-(10-10.5)

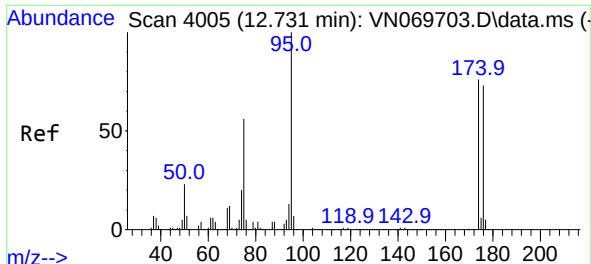
Tgt Ion:113 Resp: 668950
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.52 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 98 Resp: 3112106
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

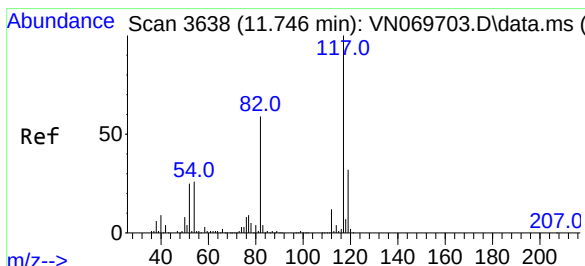
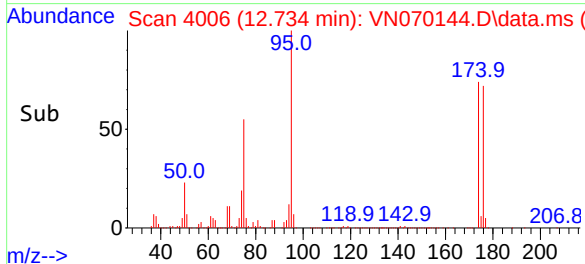
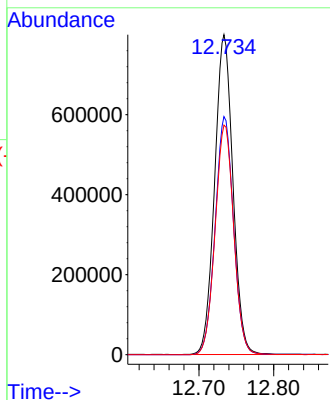
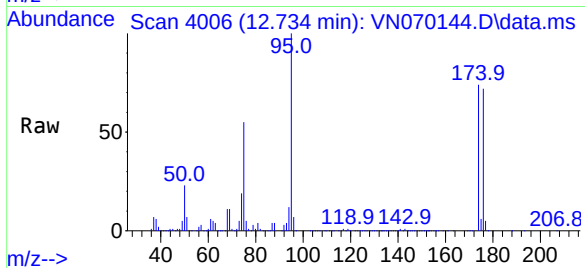




#62
4-Bromofluorobenzene
Concen: 60.74 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

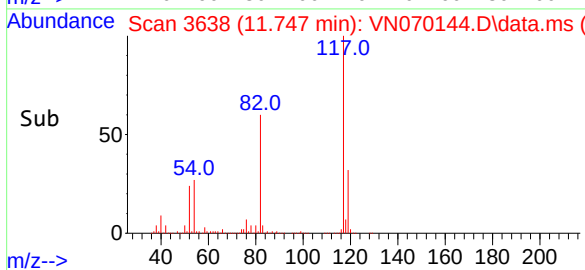
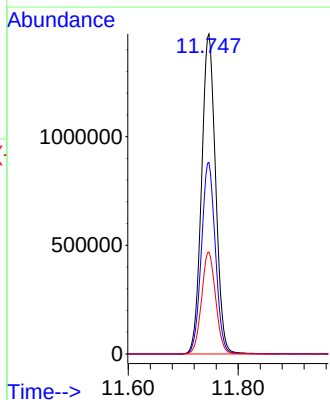
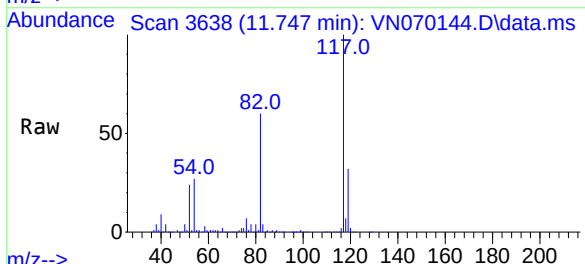
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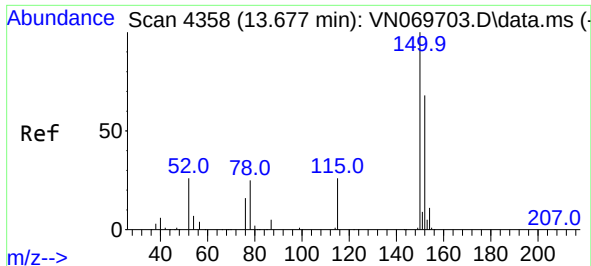
Tgt Ion: 95 Resp: 1355626
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

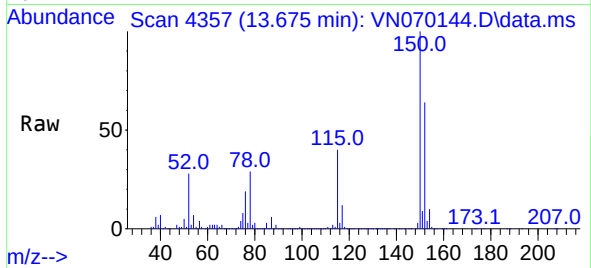
Tgt Ion: 117 Resp: 2609673
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070144.D
 Acq: 16 Dec 2021 17:57

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Tgt Ion:152 Resp: 1268382

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

