

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070574.D
 Acq On : 11 Jan 2022 17:51
 Operator : JC/MD
 Sample : N1102-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31295

Quant Time: Jan 12 06:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

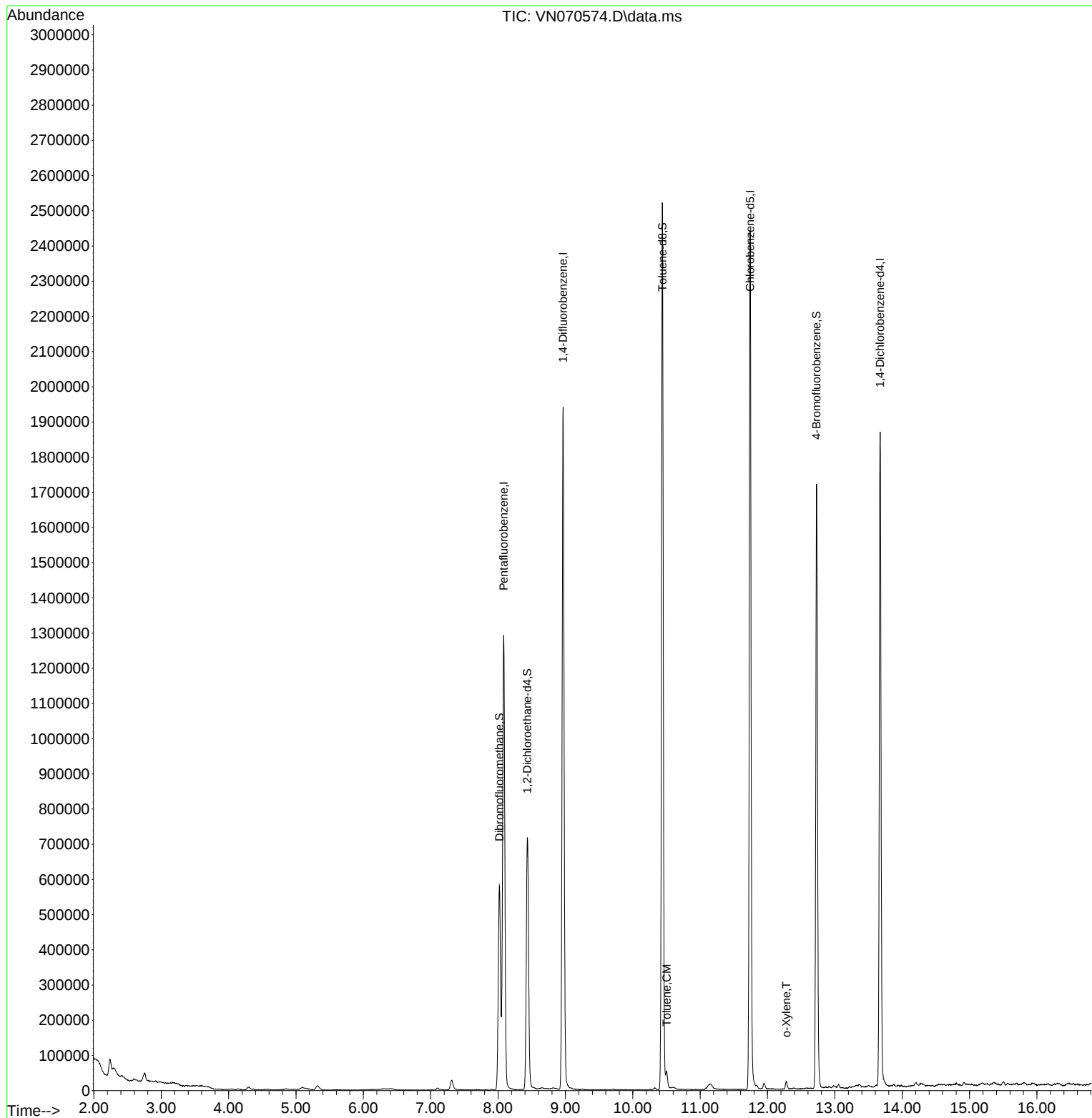
Internal Standards						
1) Pentafluorobenzene	8.083	168	1004366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1681027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1453603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	515825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	607671	42.080	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.160%		
35) Dibromofluoromethane	8.018	113	434843	42.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.500%		
50) Toluene-d8	10.440	98	1757379	42.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.600%		
62) 4-Bromofluorobenzene	12.728	95	649604	43.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.580%		
Target Compounds					Qvalue	
52) Toluene	10.502	92	15338	0.491	ug/l	96
69) o-Xylene	12.280	106	5553	0.271	ug/l	83

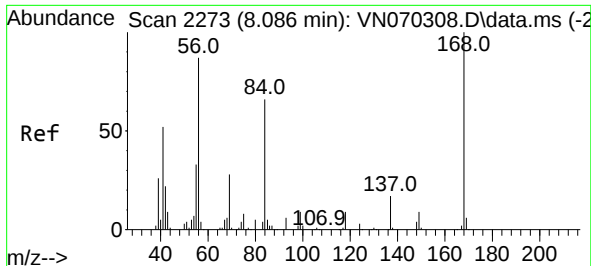
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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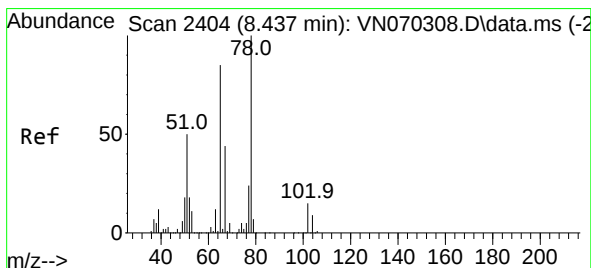
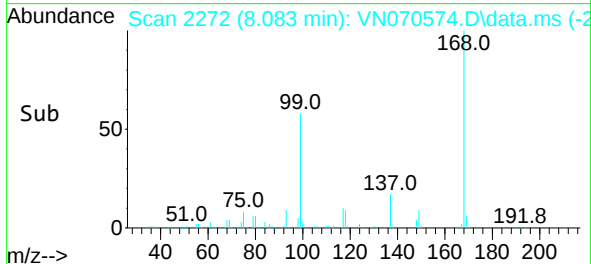
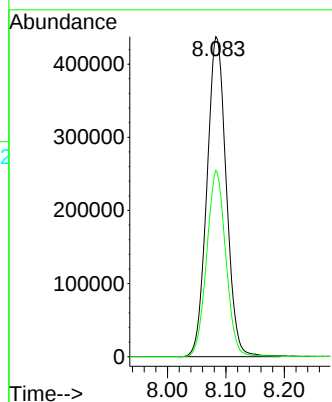
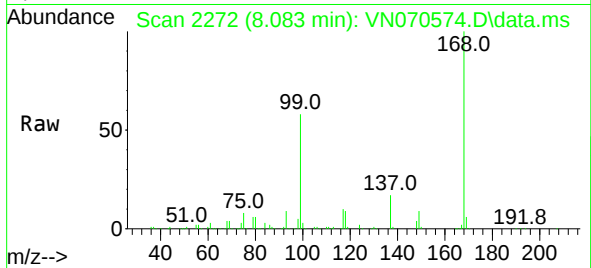




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

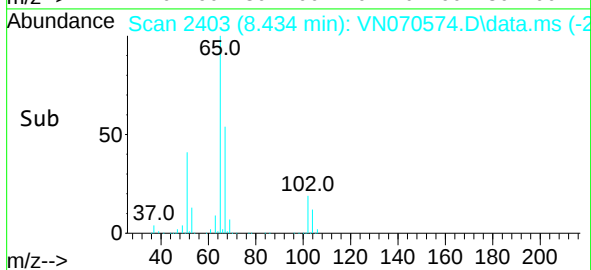
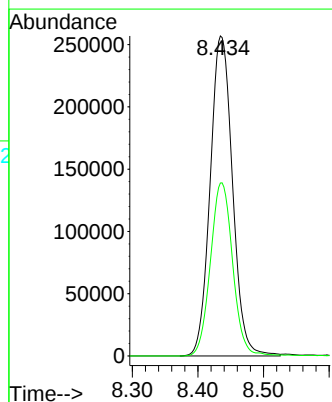
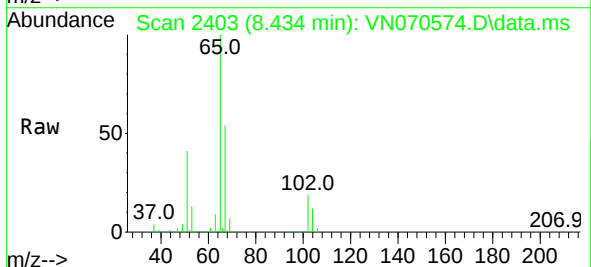
Instrument :
MSVOA_N
ClientSampleId :
31295

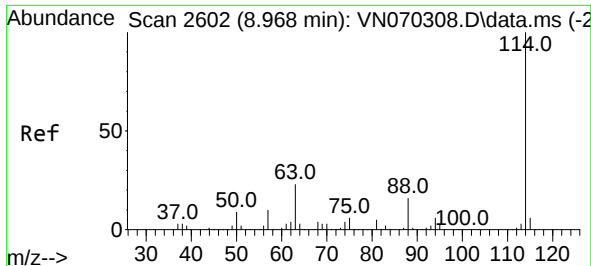
Tgt Ion:168 Resp: 1004366
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 42.080 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

Tgt Ion: 65 Resp: 607671
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070574.D

Acq: 11 Jan 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

31295

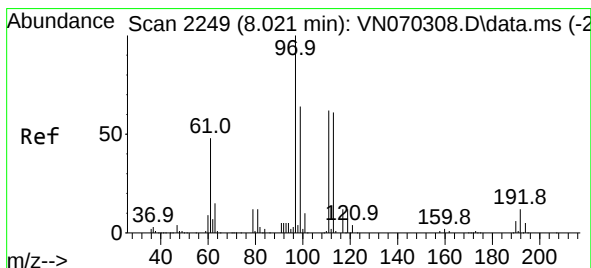
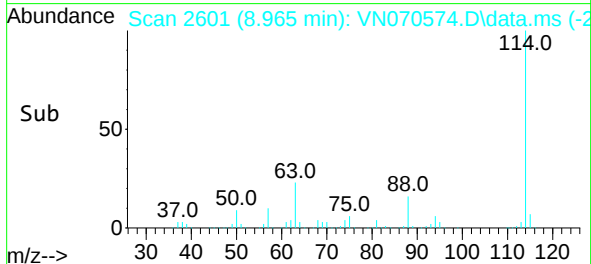
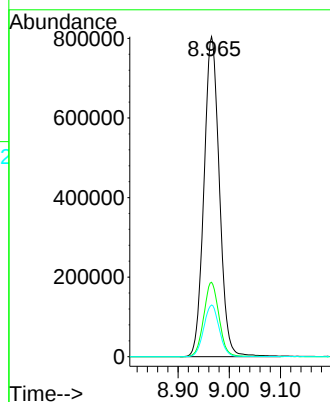
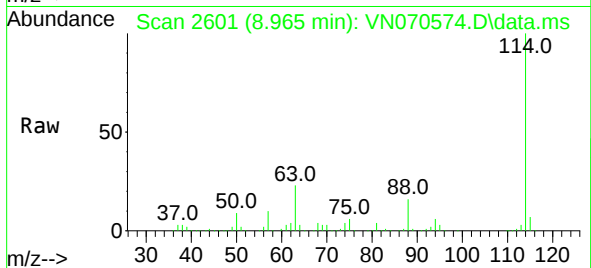
Tgt Ion:114 Resp: 1681027

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 42.753 ug/l

RT: 8.018 min Scan# 2248

Delta R.T. -0.003 min

Lab File: VN070574.D

Acq: 11 Jan 2022 17:51

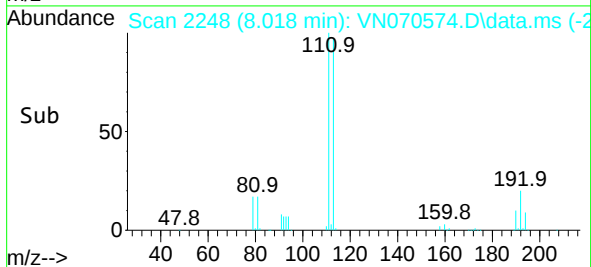
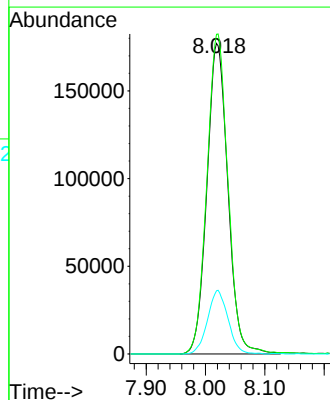
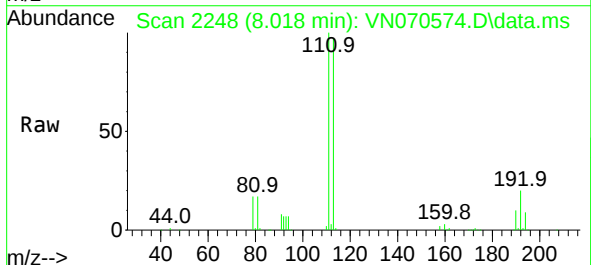
Tgt Ion:113 Resp: 434843

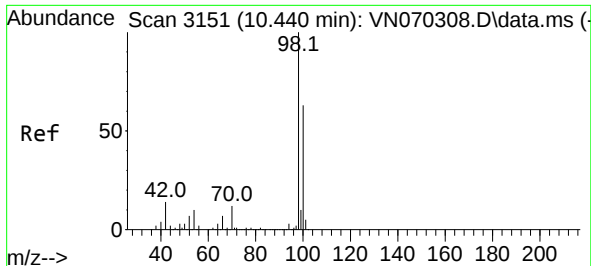
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 19.9 16.9 25.3

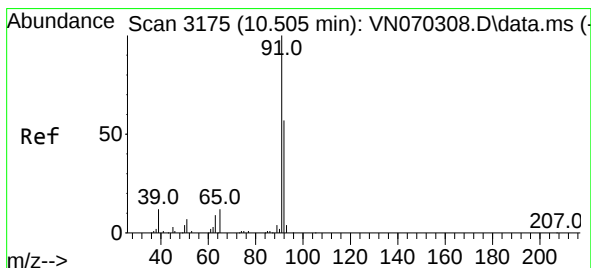
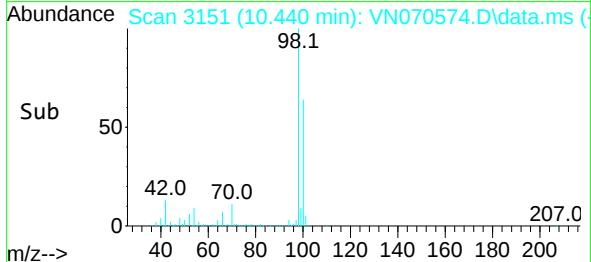
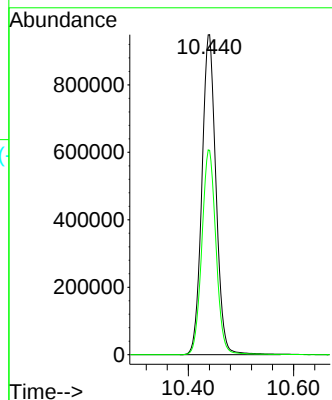
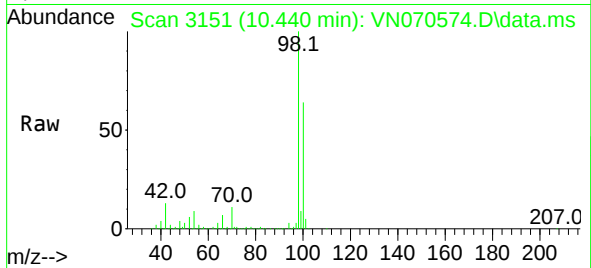




#50
Toluene-d8
Concen: 42.296 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

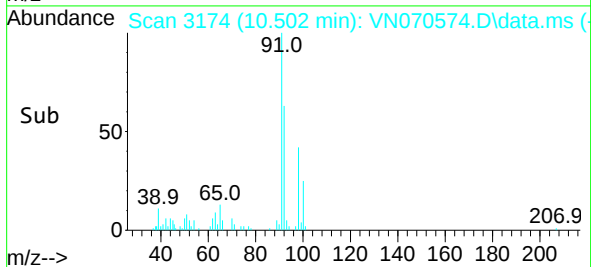
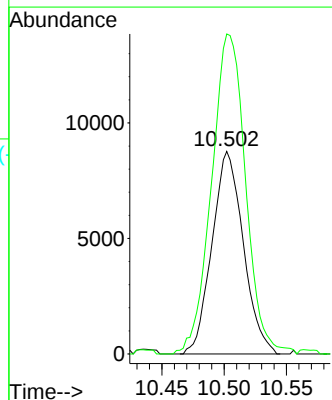
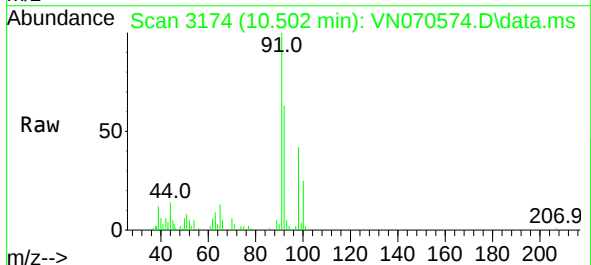
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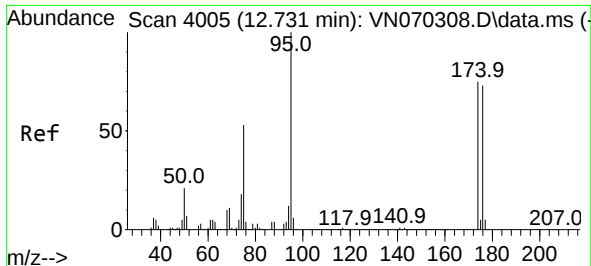
Tgt Ion: 98 Resp: 1757379
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#52
Toluene
Concen: 0.491 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

Tgt Ion: 92 Resp: 15338
Ion Ratio Lower Upper
92 100
91 171.9 142.0 213.0

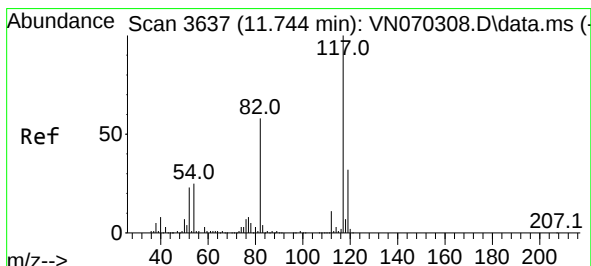
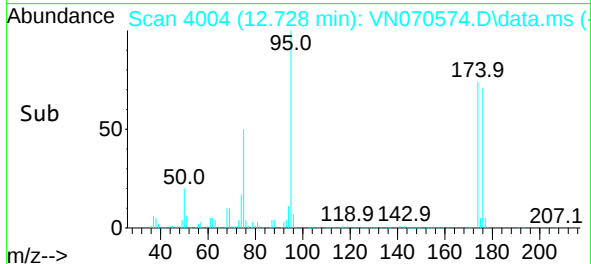
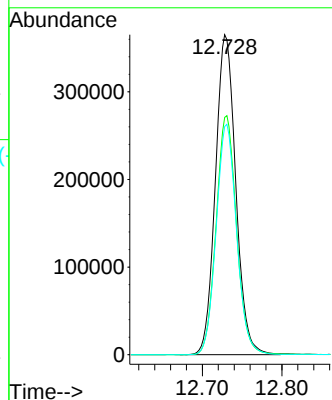
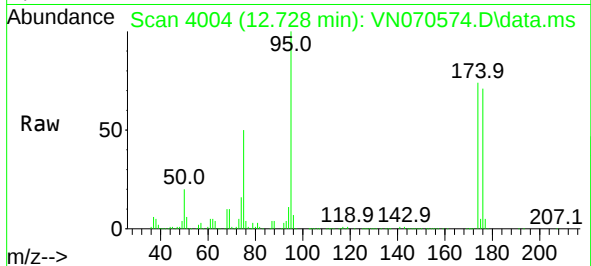




#62
4-Bromofluorobenzene
Concen: 43.287 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

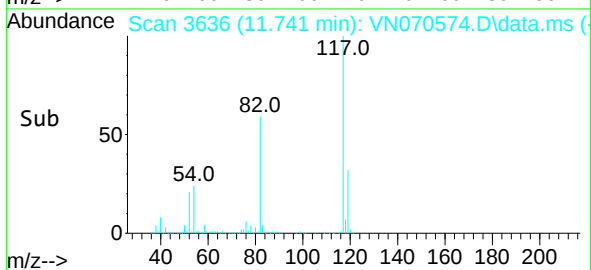
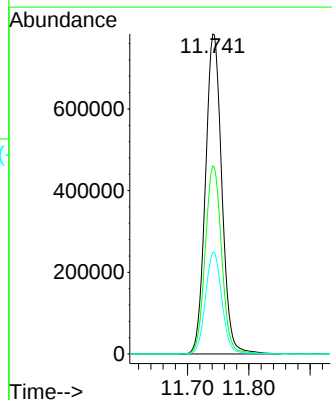
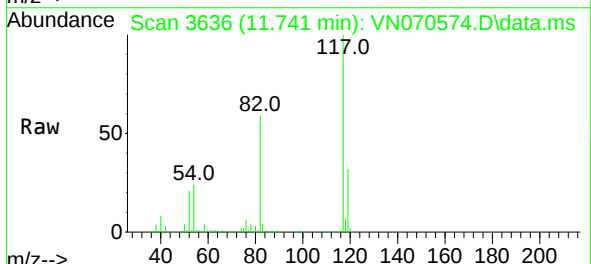
Instrument :
MSVOA_N
ClientSampleId :
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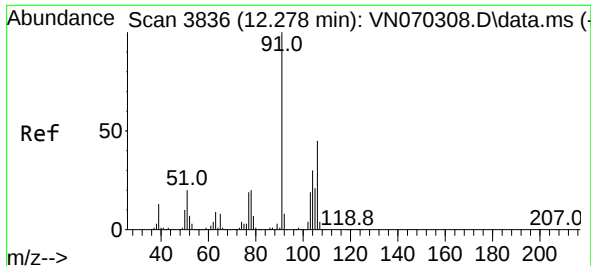
Tgt Ion: 95 Resp: 649604
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

Tgt Ion: 117 Resp: 1453603
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.7 25.4 38.2

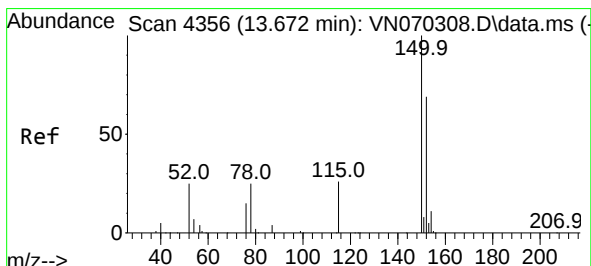
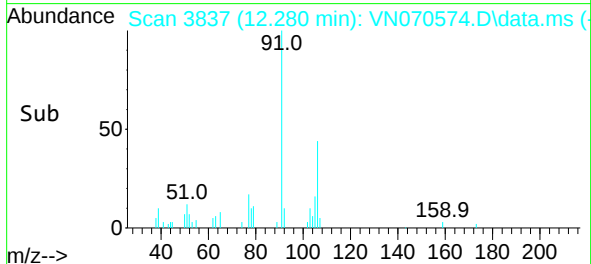
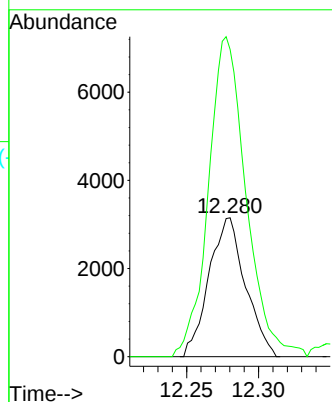
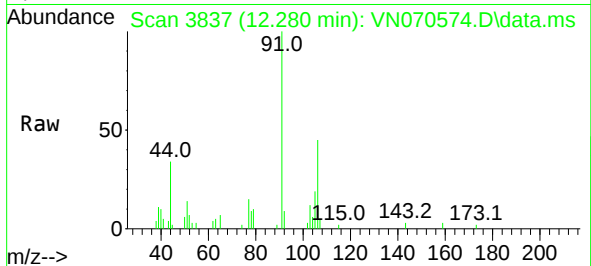




#69
o-Xylene
Concen: 0.271 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
31295

Tgt Ion:106 Resp: 5553
Ion Ratio Lower Upper
106 100
91 237.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070574.D
Acq: 11 Jan 2022 17:51

Tgt Ion:152 Resp: 515825
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 158.6 0.0 344.4

