

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075418.D
 Acq On : 25 Nov 2022 14:07
 Operator : JC\MD
 Sample : N5756-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20221119

Quant Time: Nov 28 03:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

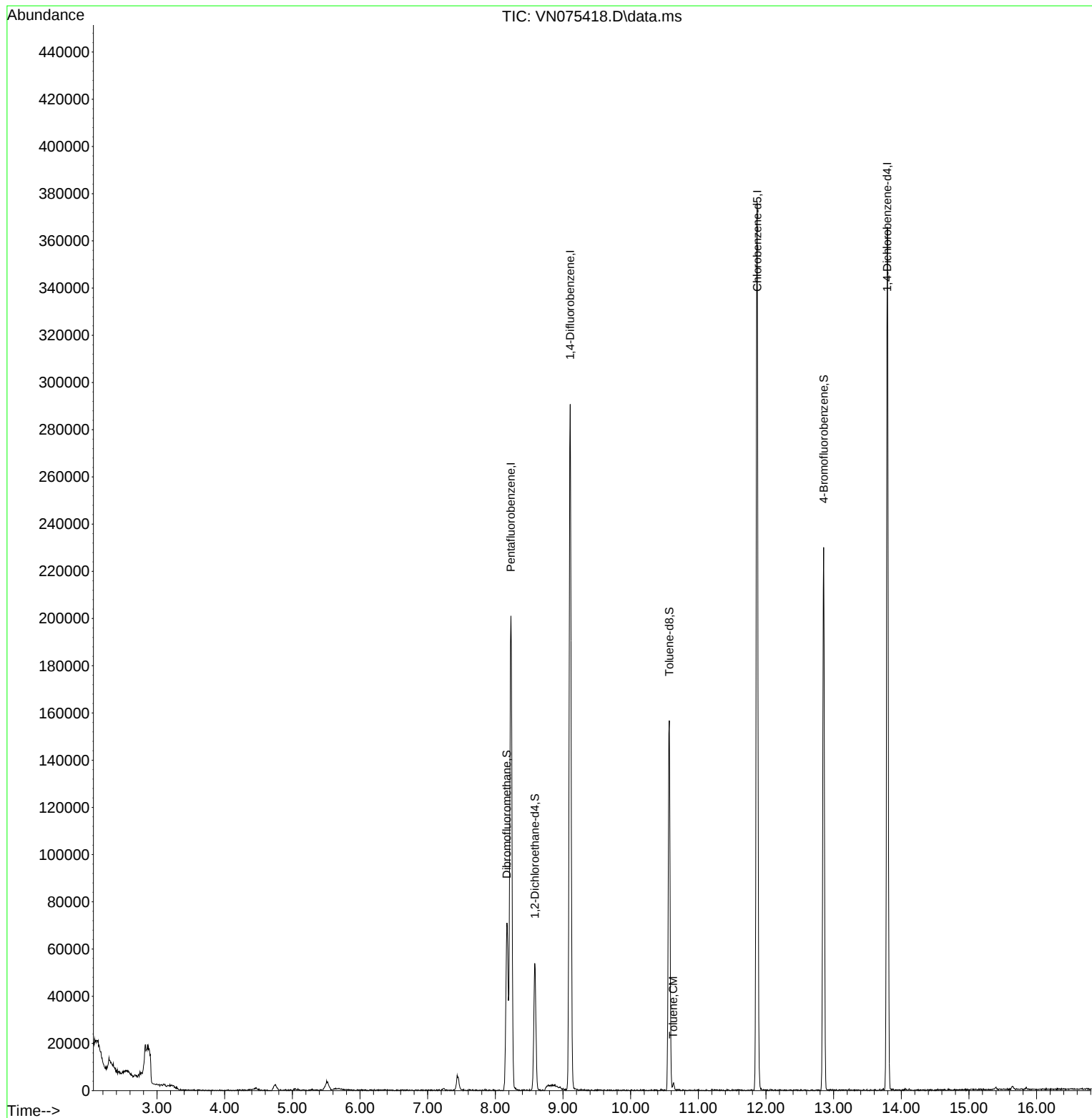
Internal Standards						
1) Pentafluorobenzene	8.229	168	157284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	237914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43271	51.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.500%
35) Dibromofluoromethane	8.171	113	51895	48.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	10.570	98	115491	47.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.853	95	79793	44.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%
Target Compounds						
52) Toluene	10.629	92	1550	0.336	ug/l	Qvalue 91

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

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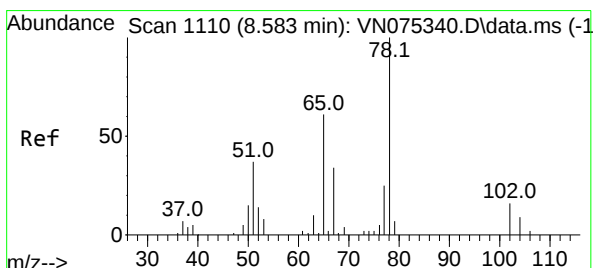
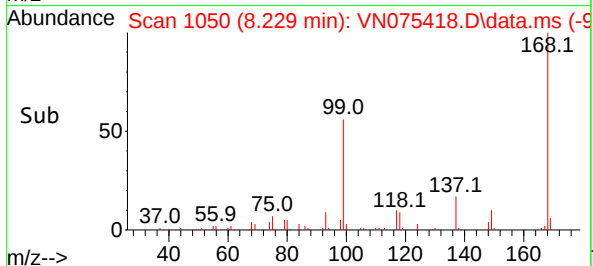
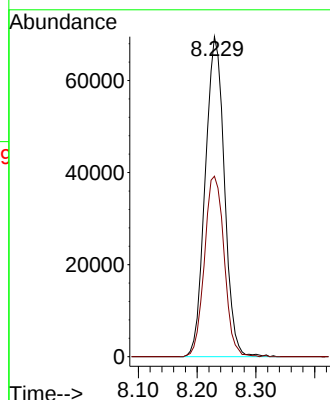
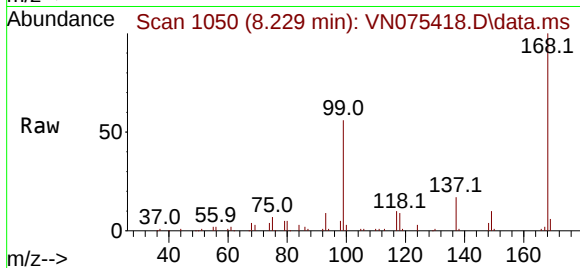




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

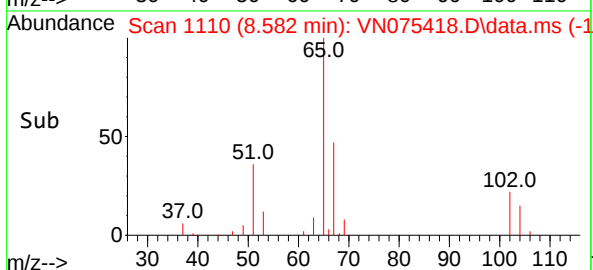
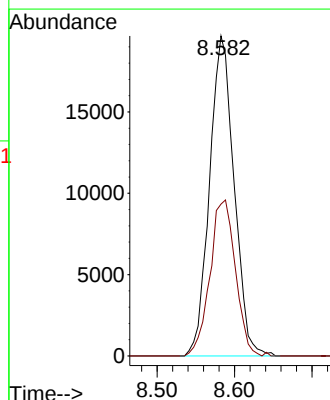
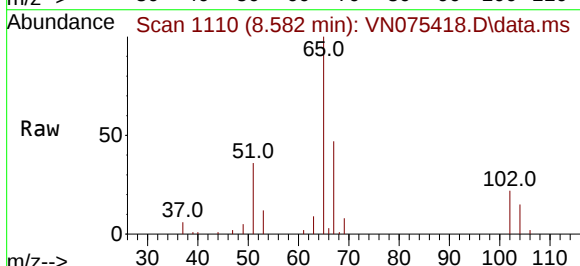
Instrument :
MSVOA_N
ClientSampleId :
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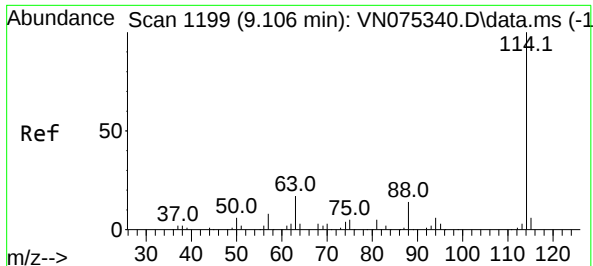
Tgt Ion:168 Resp: 157284
Ion Ratio Lower Upper
168 100
99 56.4 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.252 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion: 65 Resp: 43271
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20221119

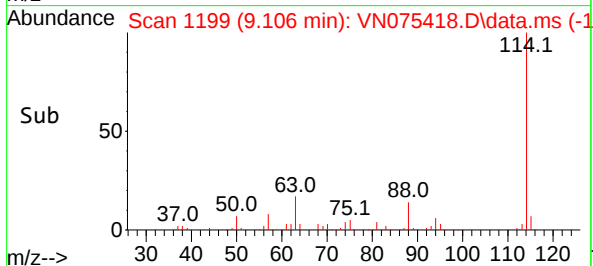
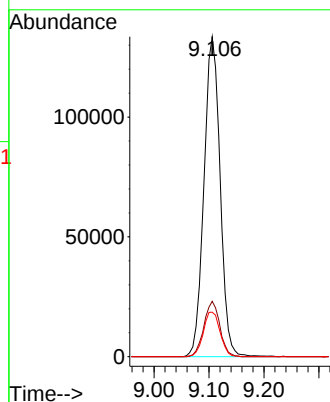
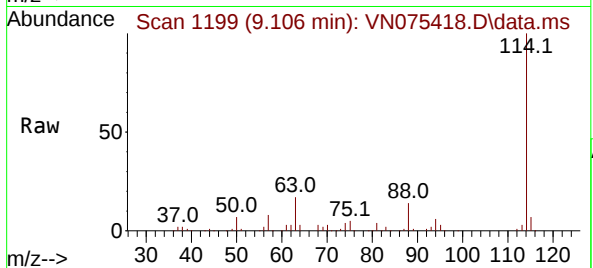
Tgt Ion:114 Resp: 272649

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.452 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

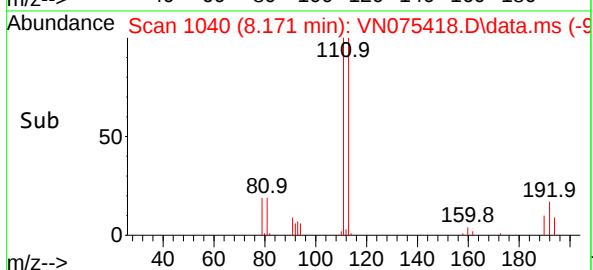
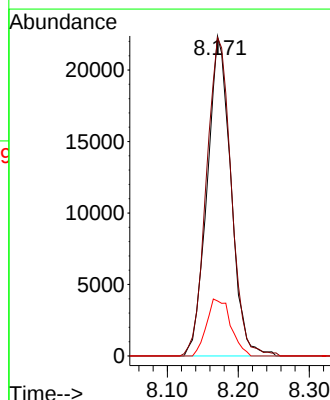
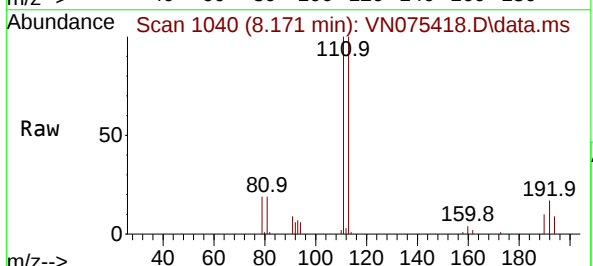
Tgt Ion:113 Resp: 51895

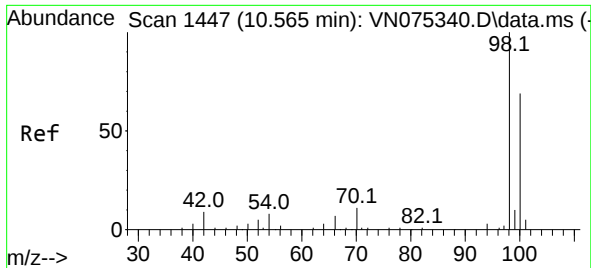
Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 18.1 13.2 19.8

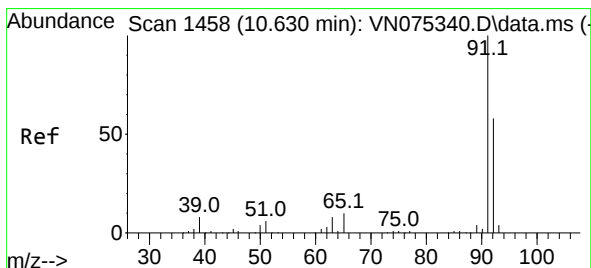
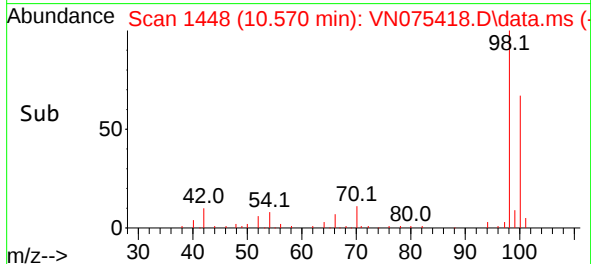
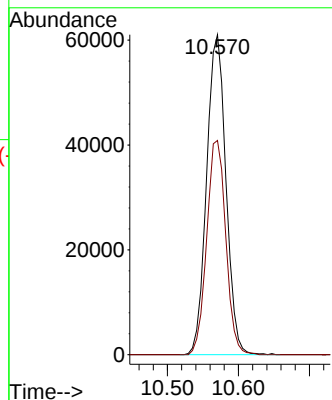
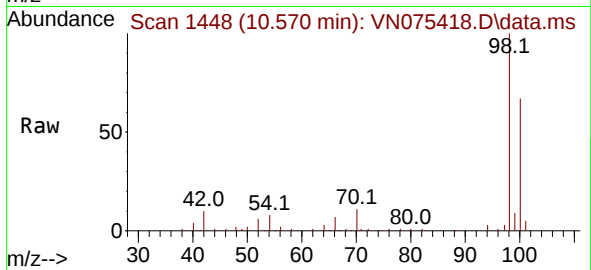




#50
Toluene-d8
Concen: 47.876 ug/l
RT: 10.570 min Scan# 1447
Delta R.T. 0.005 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

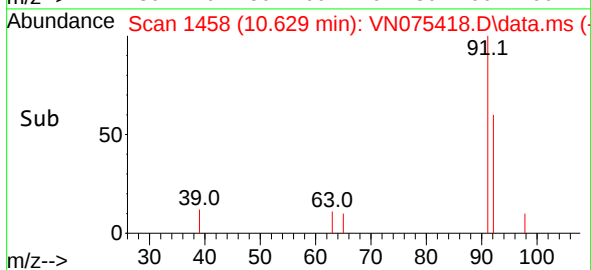
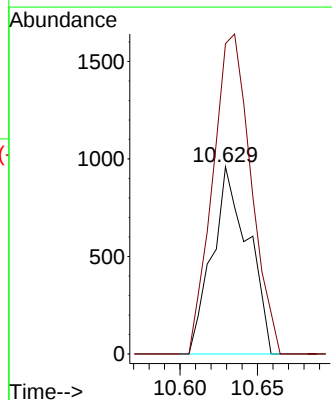
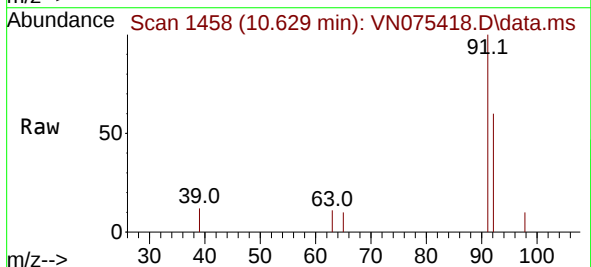
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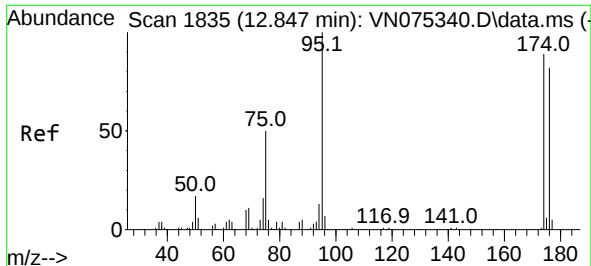
Tgt Ion: 98 Resp: 115491
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#52
Toluene
Concen: 0.336 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion: 92 Resp: 1550
Ion Ratio Lower Upper
92 100
91 181.6 135.4 203.2

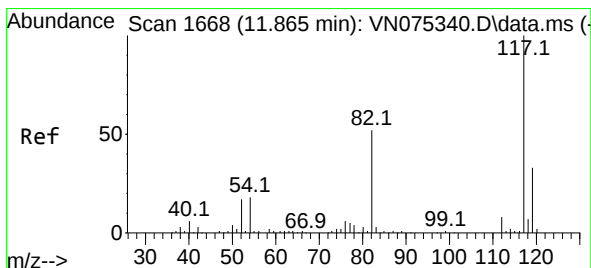
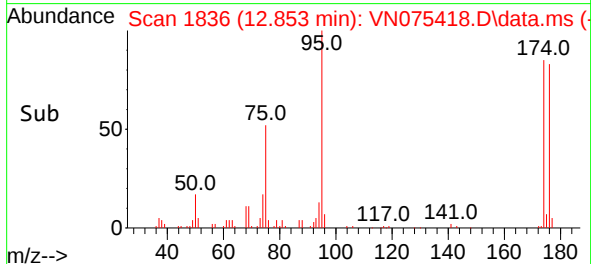
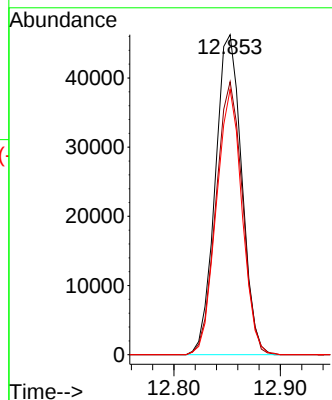
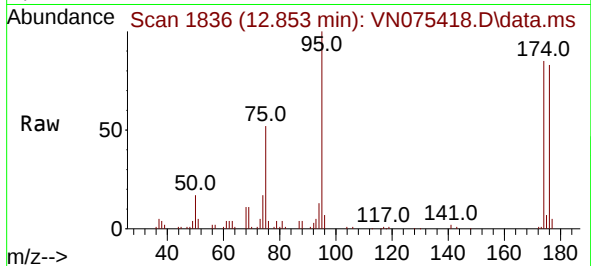




#62
4-Bromofluorobenzene
Concen: 44.814 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

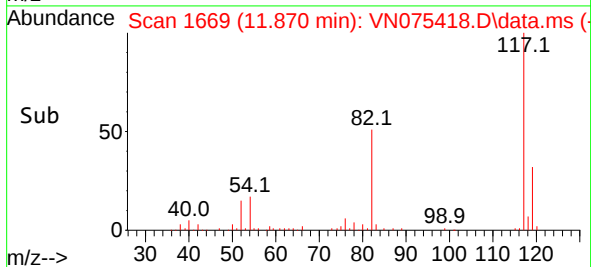
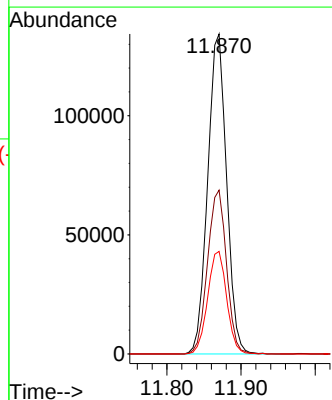
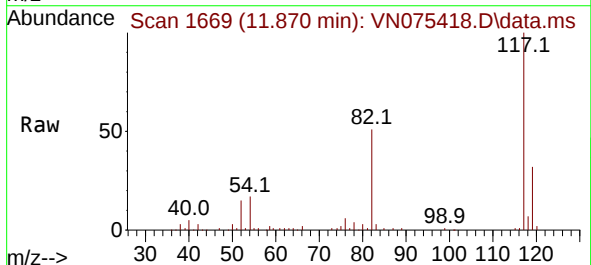
Instrument :
MSVOA_N
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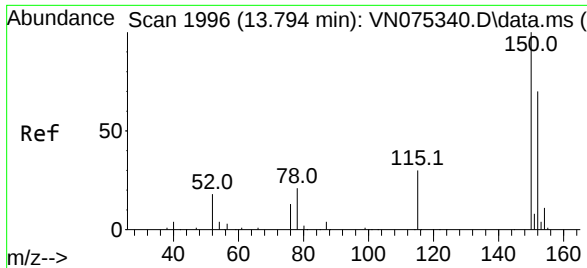
Tgt Ion: 95 Resp: 79793
Ion Ratio Lower Upper
95 100
174 85.4 0.0 147.4
176 80.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

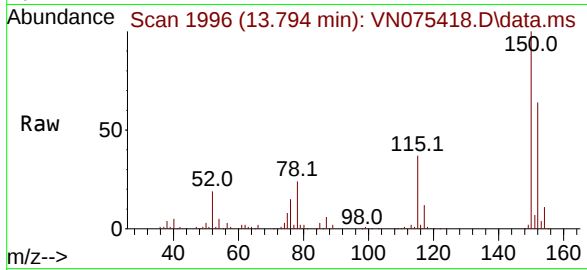
Tgt Ion: 117 Resp: 237914
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075418.D
 Acq: 25 Nov 2022 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20221119



Tgt Ion:152 Resp: 102353
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.2 90.6
 150 158.9 0.0 348.4

