

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075654.D
 Acq On : 08 Dec 2022 17:44
 Operator : JC\MD
 Sample : N5924-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID1222

Quant Time: Dec 09 02:29:45 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)

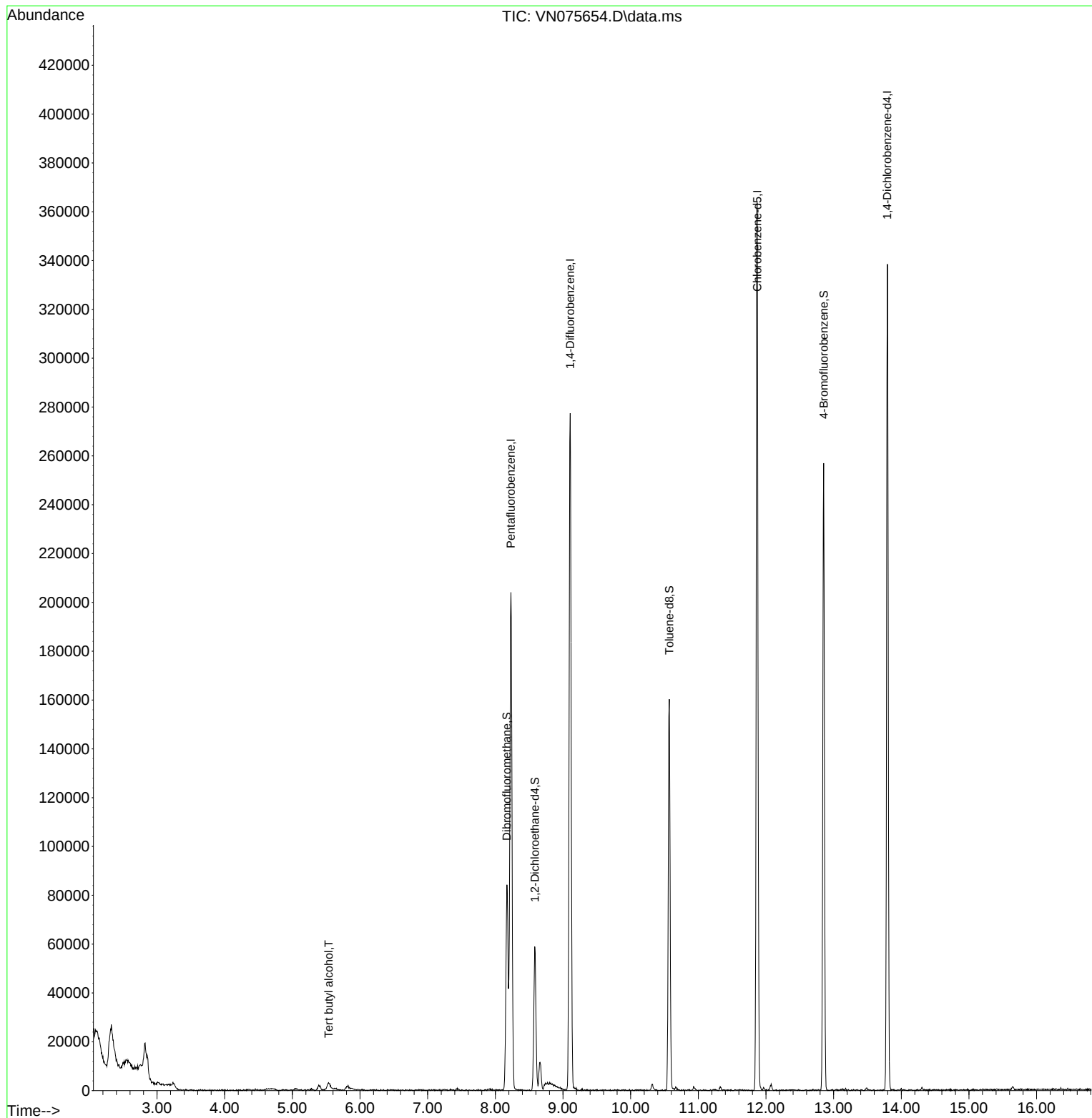
Internal Standards						
1) Pentafluorobenzene	8.230	168	163131	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	267081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	230418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	46746	53.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.760%	
35) Dibromofluoromethane	8.171	113	59831	57.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.060%	
50) Toluene-d8	10.571	98	118680	50.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.853	95	85526	49.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.060%	
Target Compounds						
11) Tert butyl alcohol	5.536	59	5786	15.740	ug/l	# 81

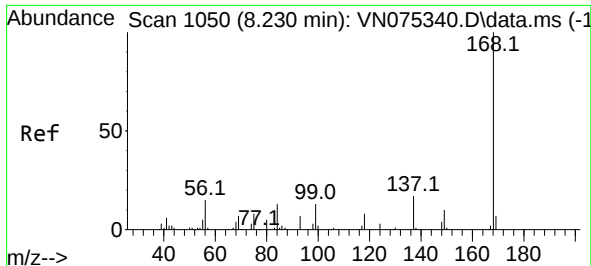
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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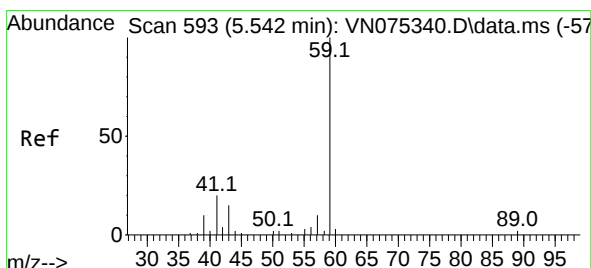
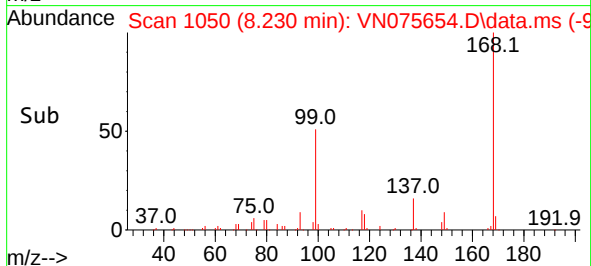
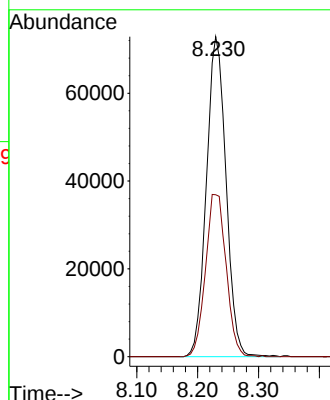
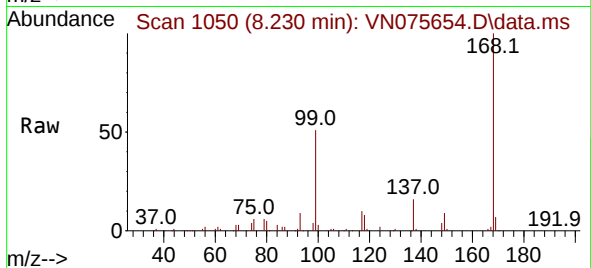




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

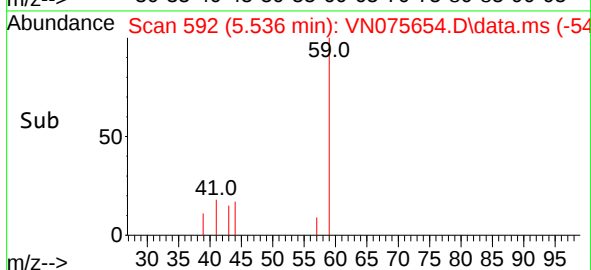
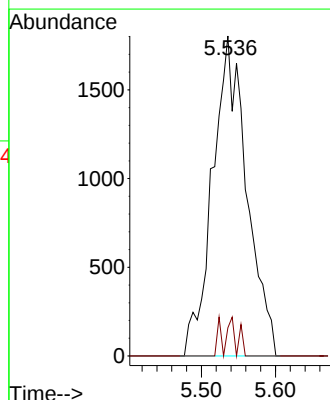
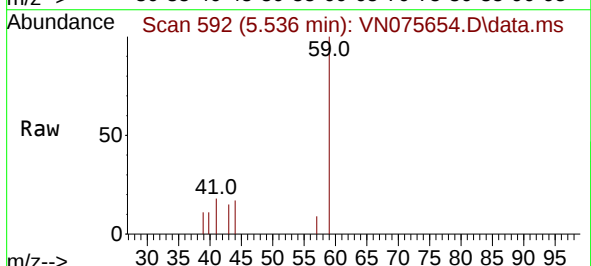
Instrument :
MSVOA_N
ClientSampleId :
MID1222

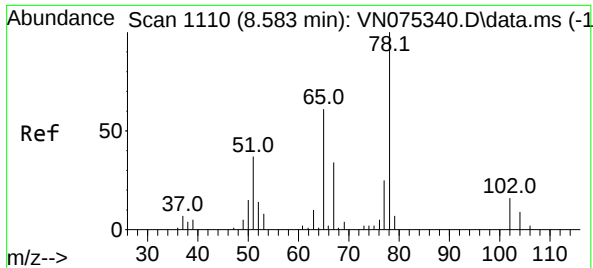
Tgt Ion:168 Resp: 163131
Ion Ratio Lower Upper
168 100
99 50.6 51.6 77.4#



#11
Tert butyl alcohol
Concen: 15.740 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 59 Resp: 5786
Ion Ratio Lower Upper
59 100
57 3.4 8.5 12.7#





#33

1,2-Dichloroethane-d4

Concen: 53.383 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075654.D

Acq: 08 Dec 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

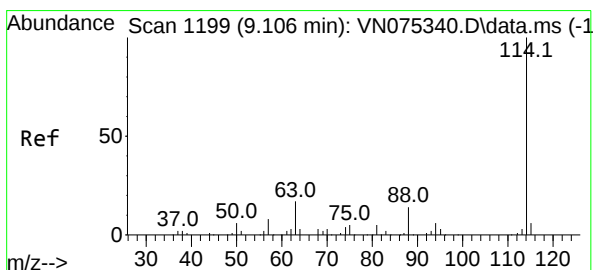
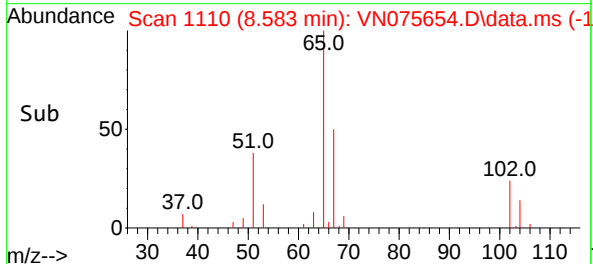
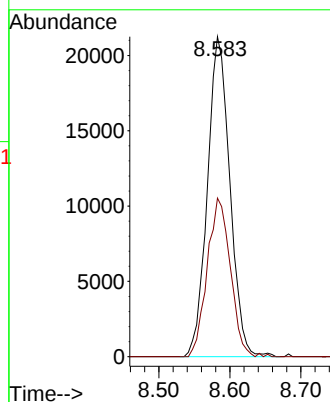
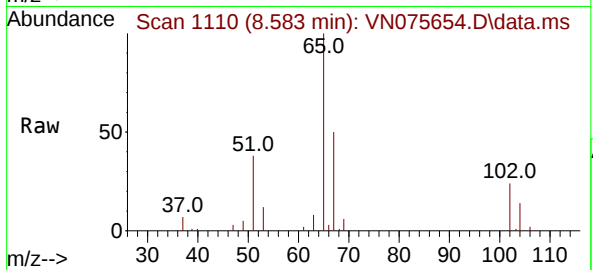
MID1222

Tgt Ion: 65 Resp: 46746

Ion Ratio Lower Upper

65 100

67 50.7 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: VN075654.D

Acq: 08 Dec 2022 17:44

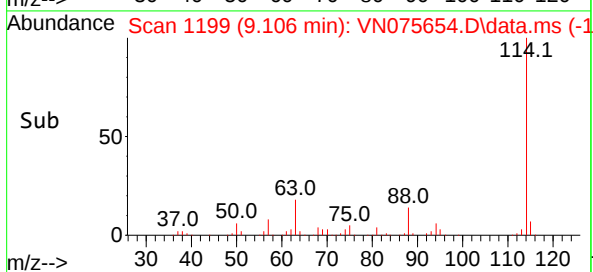
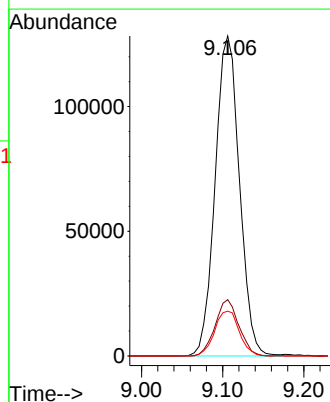
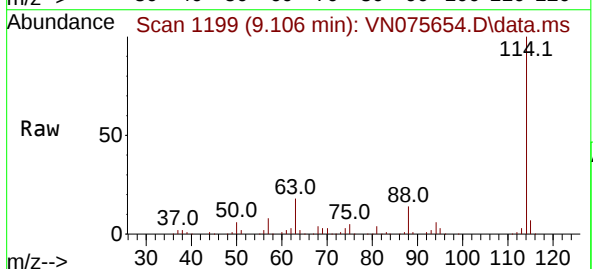
Tgt Ion:114 Resp: 267081

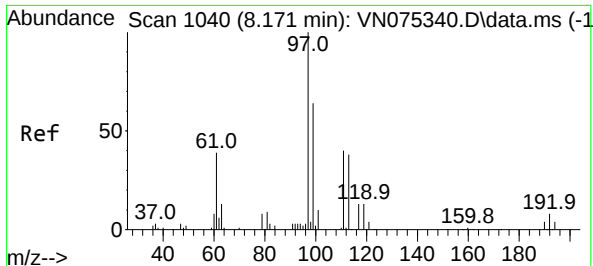
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.0 0.0 29.0

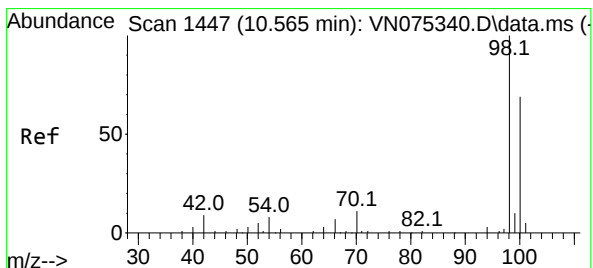
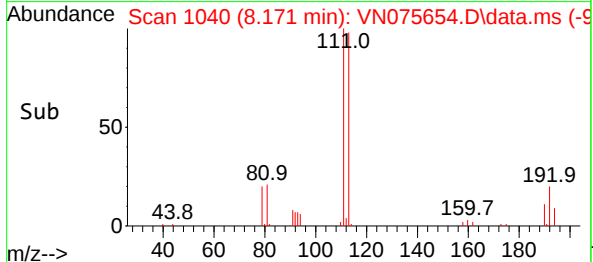
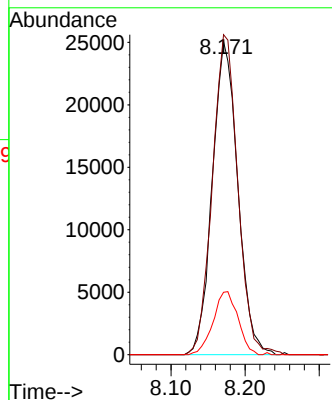
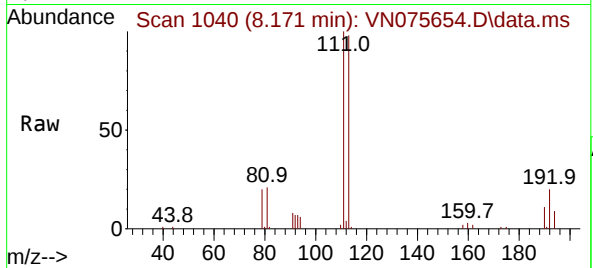




#35
Dibromofluoromethane
Concen: 57.026 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

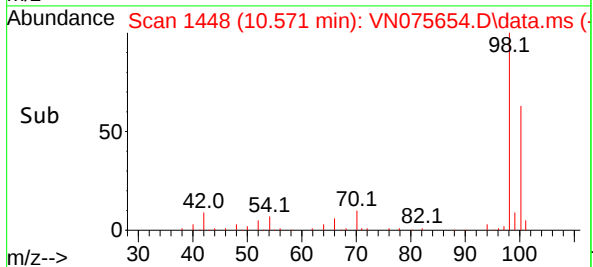
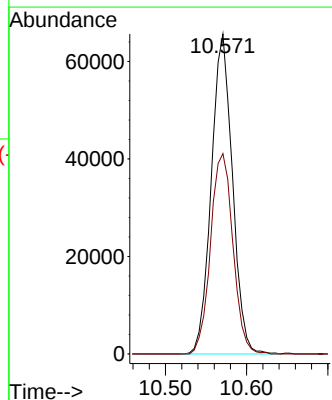
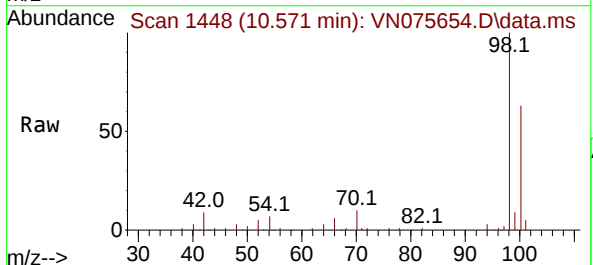
Instrument :
MSVOA_N
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MID1222

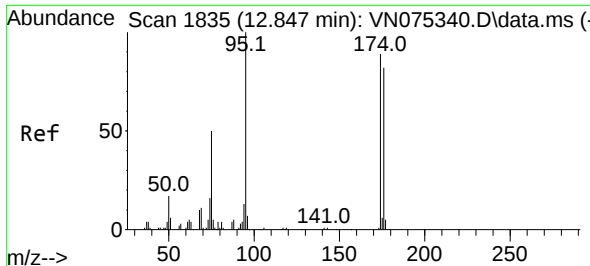
Tgt Ion:113 Resp: 59831
Ion Ratio Lower Upper
113 100
111 101.9 80.5 120.7
192 19.6 13.2 19.8



#50
Toluene-d8
Concen: 50.223 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Tgt Ion: 98 Resp: 118680
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6

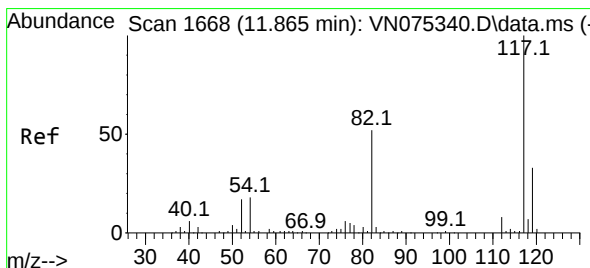
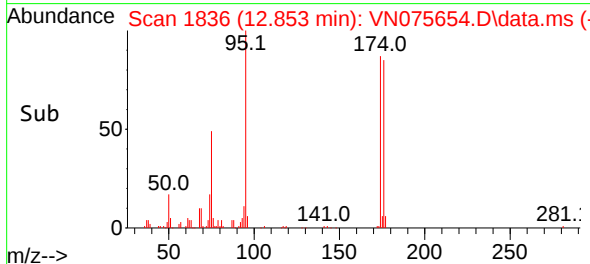
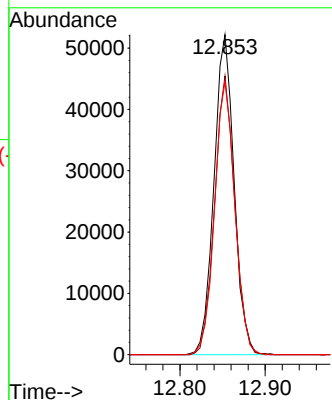
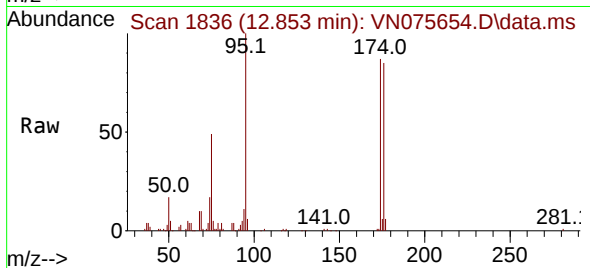




#62
4-Bromofluorobenzene
Concen: 49.035 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

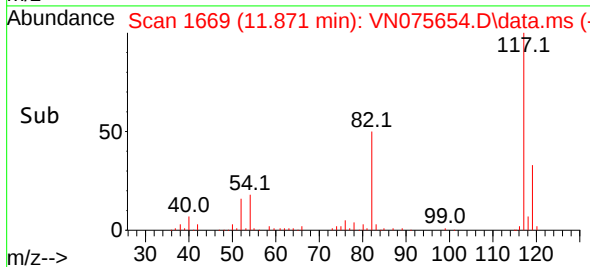
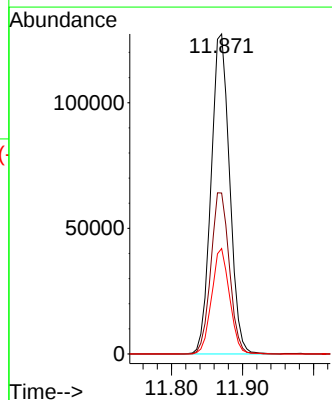
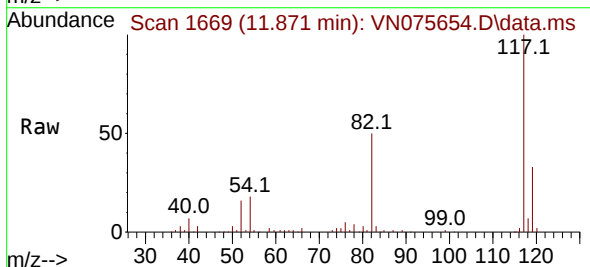
Instrument :
MSVOA_N
ClientSampleId :
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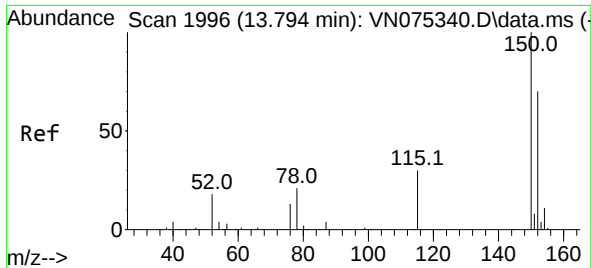
Tgt Ion: 95 Resp: 85526
Ion Ratio Lower Upper
95 100
174 87.1 0.0 147.4
176 85.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

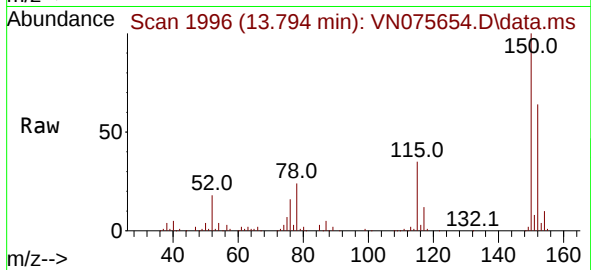
Tgt Ion: 117 Resp: 230418
Ion Ratio Lower Upper
117 100
82 50.3 43.1 64.7
119 33.0 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075654.D
Acq: 08 Dec 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
MID1222



Tgt Ion:152 Resp: 100575
Ion Ratio Lower Upper
152 100
115 56.4 30.2 90.6
150 154.2 0.0 348.4

