

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076169.D
 Acq On : 09 Jan 2023 20:28
 Operator : JC\MD
 Sample : 01086-06 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1844

Quant Time: Jan 10 01:13:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

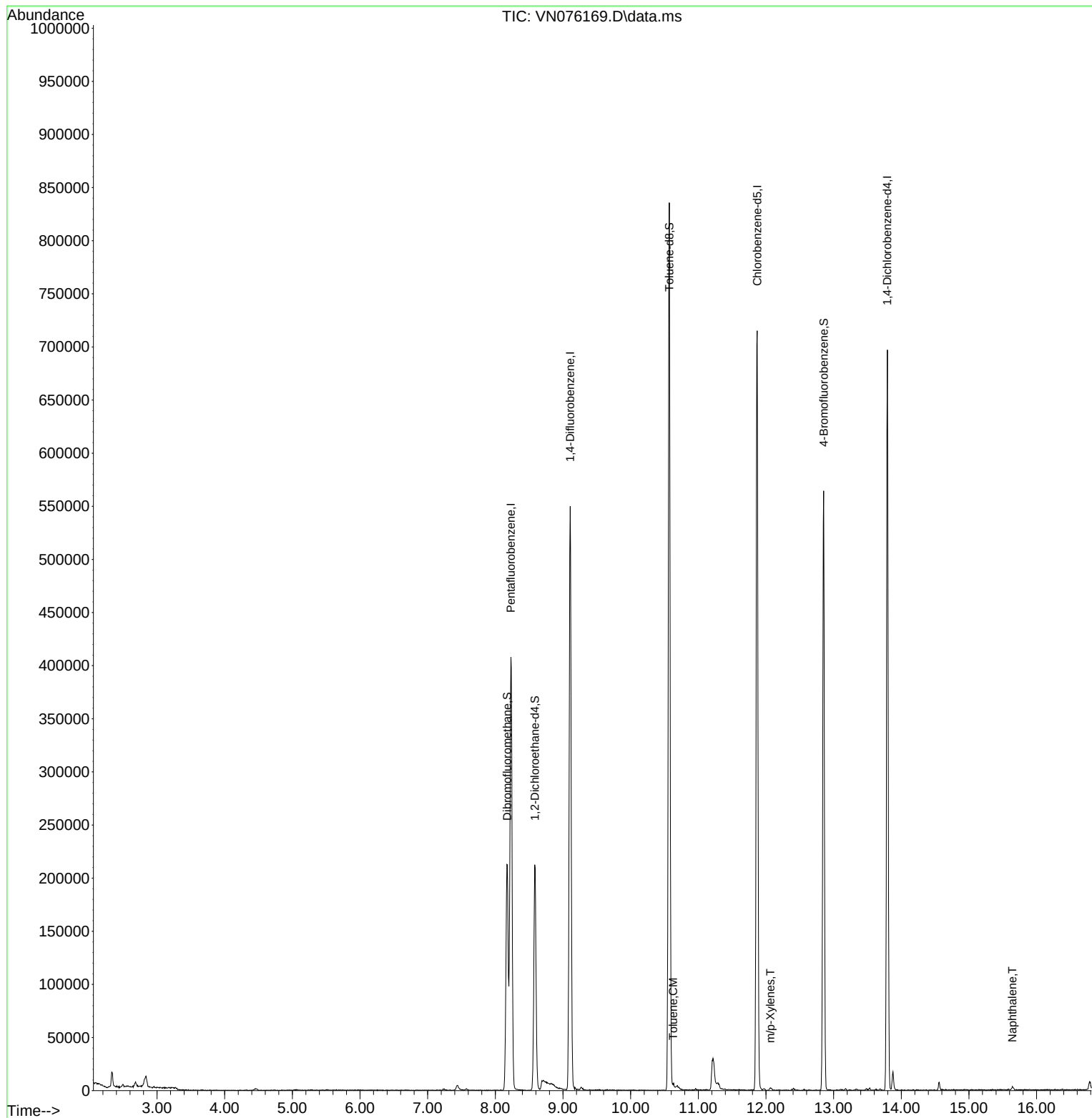
Internal Standards						
1) Pentafluorobenzene	8.230	168	315975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	501495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173326	50.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.840%			
35) Dibromofluoromethane	8.177	113	153993	49.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.160%			
50) Toluene-d8	10.571	98	584543	50.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.853	95	185866	48.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.660%			
Target Compounds					Qvalue	
52) Toluene	10.630	92	2120	0.256	ug/l	78
68) m/p-Xylenes	12.065	106	1309	0.211	ug/l	80
95) Naphthalene	15.641	128	3532	2.501	ug/l	94

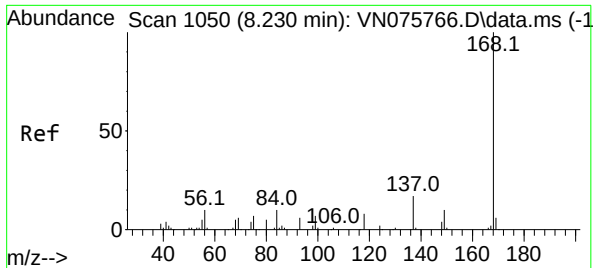
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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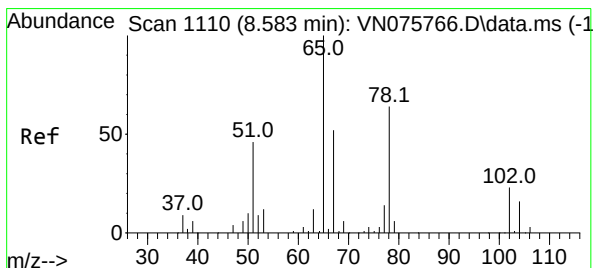
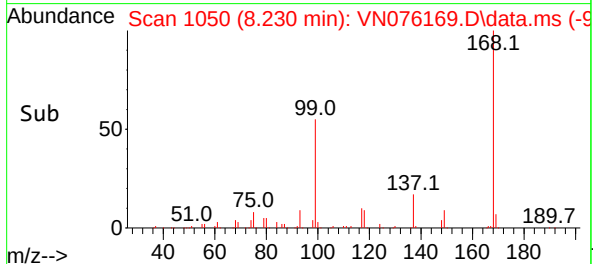
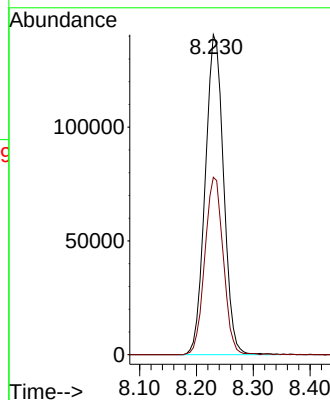
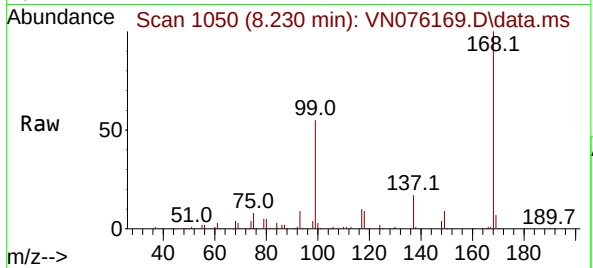




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

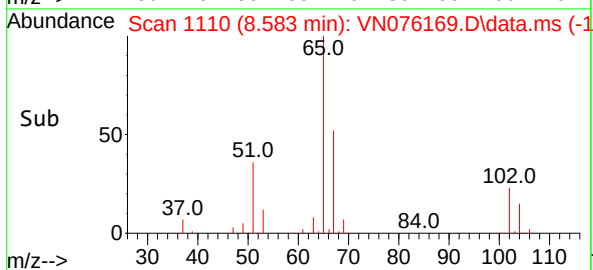
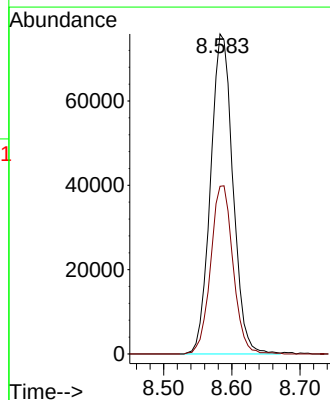
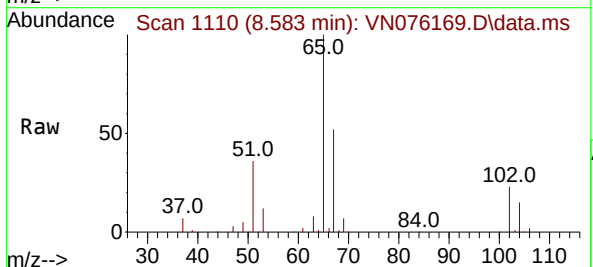
Instrument :
MSVOA_N
ClientSampleId :
AUD-1844

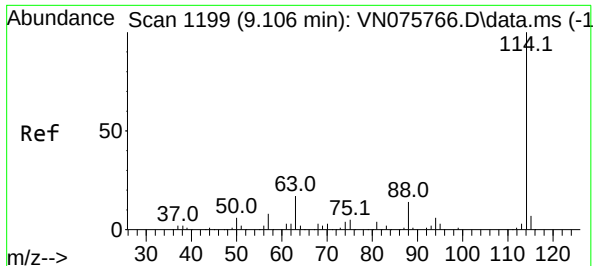
Tgt Ion:168 Resp: 315975
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.422 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

Tgt Ion: 65 Resp: 173326
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076169.D

Acq: 09 Jan 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

AUD-1844

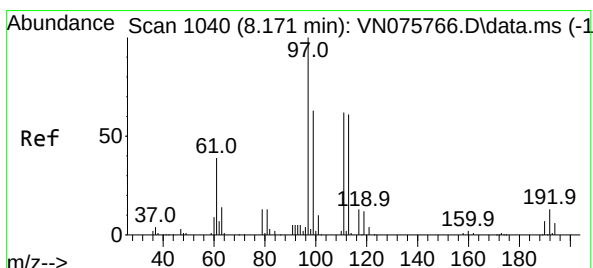
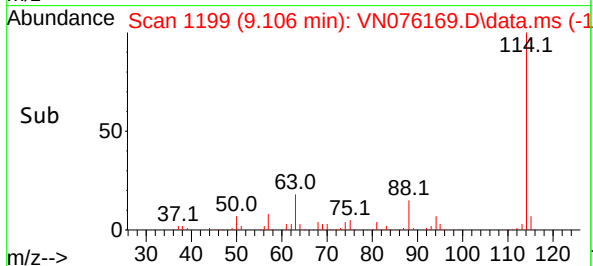
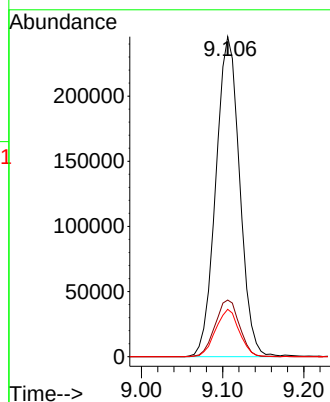
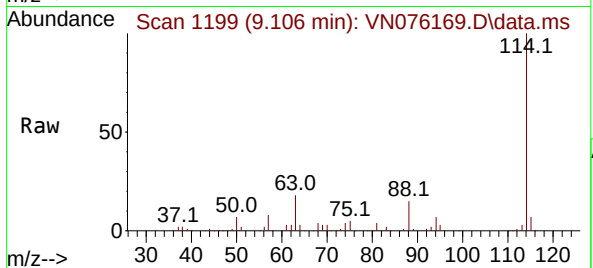
Tgt Ion:114 Resp: 501495

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.584 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076169.D

Acq: 09 Jan 2023 20:28

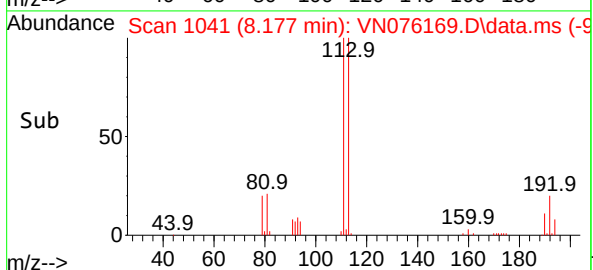
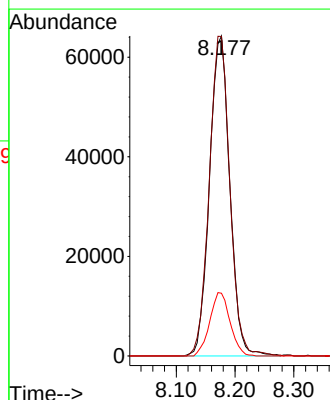
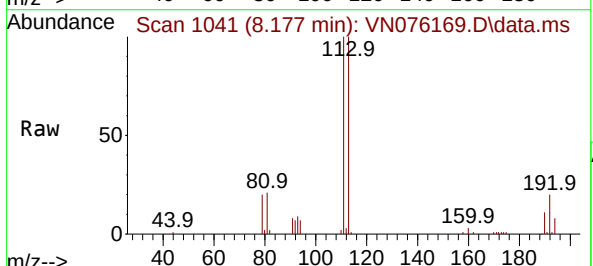
Tgt Ion:113 Resp: 153993

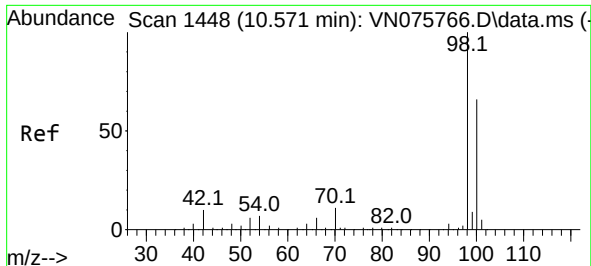
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 19.8 16.1 24.1

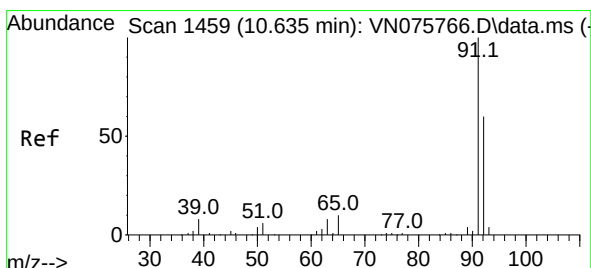
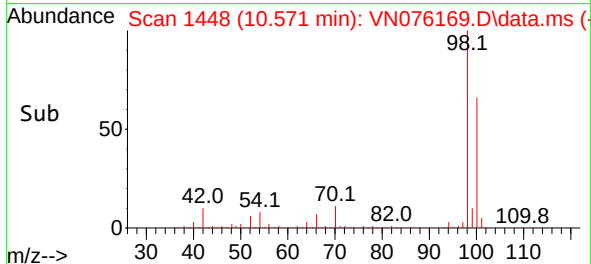
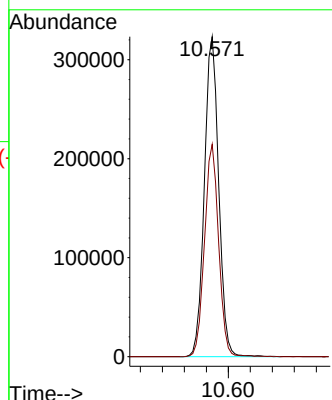
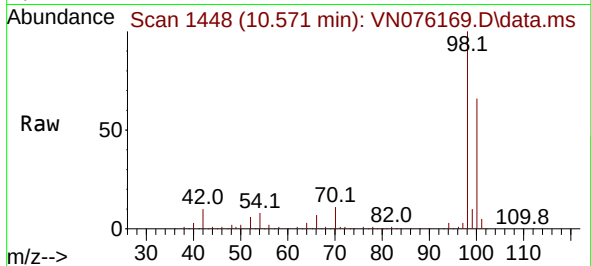




#50
Toluene-d8
Concen: 50.340 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

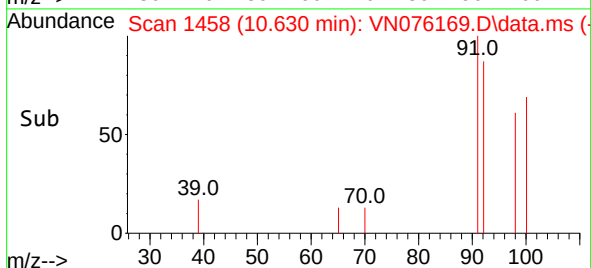
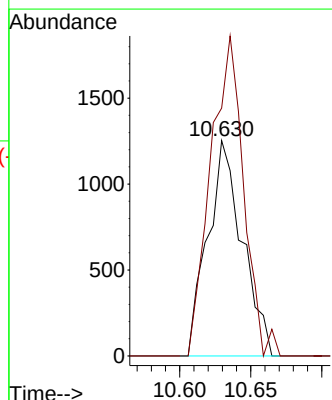
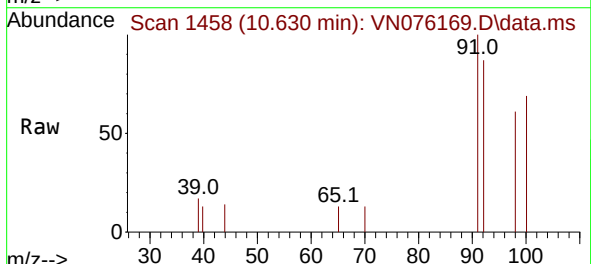
Instrument :
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AUD-1844

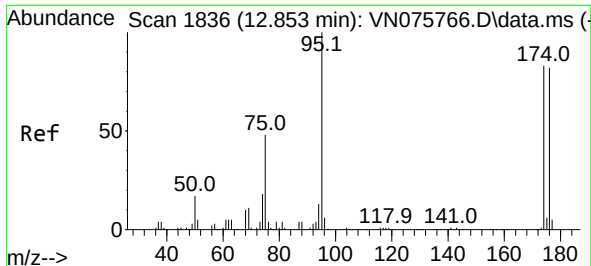
Tgt Ion: 98 Resp: 584543
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#52
Toluene
Concen: 0.256 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

Tgt Ion: 92 Resp: 2120
Ion Ratio Lower Upper
92 100
91 141.8 137.3 205.9

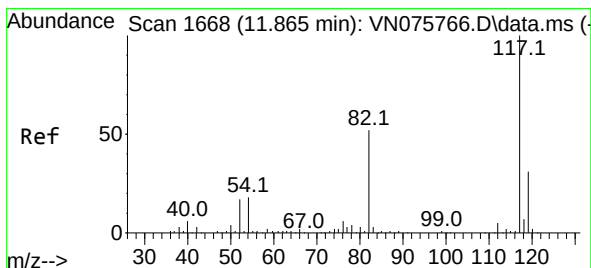
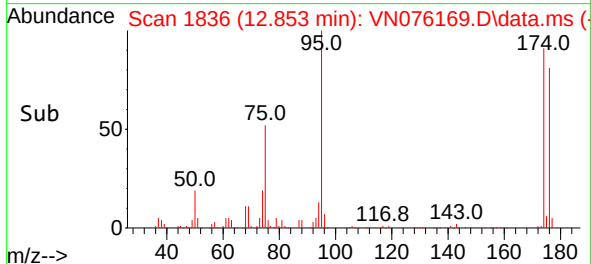
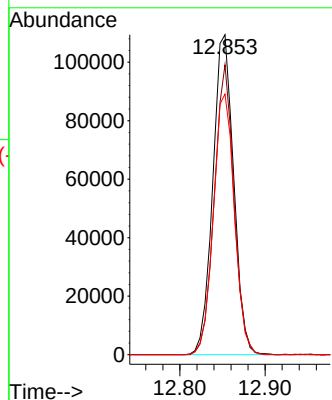
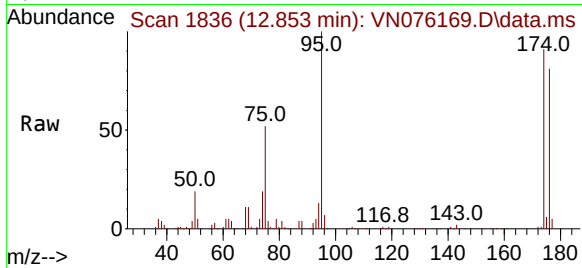




#62
4-Bromofluorobenzene
Concen: 48.328 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

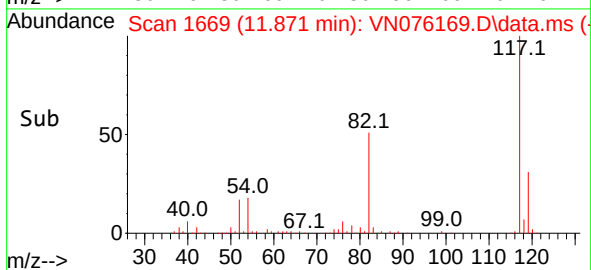
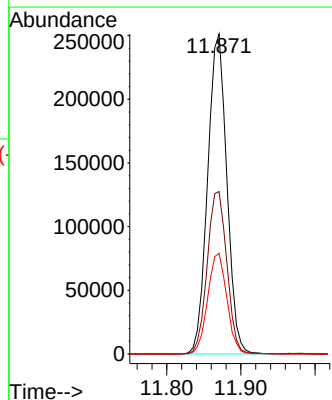
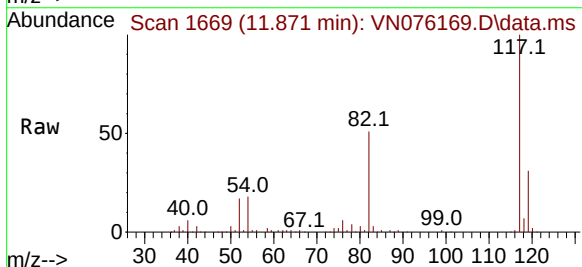
Instrument :
MSVOA_N
ClientSampleId :
AUD-1844

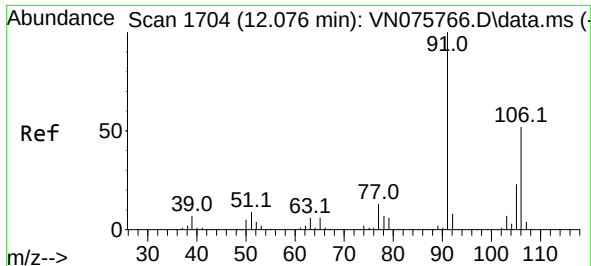
Tgt Ion: 95 Resp: 185866
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 81.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

Tgt Ion: 117 Resp: 451896
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.5 24.6 37.0

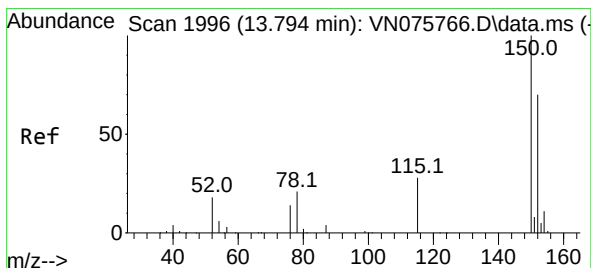
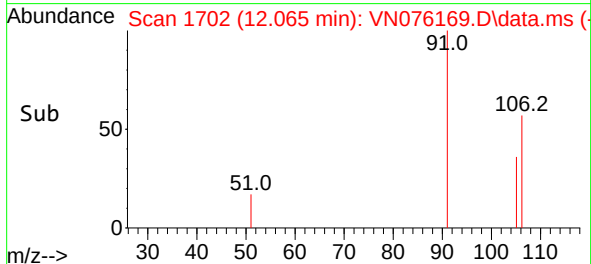
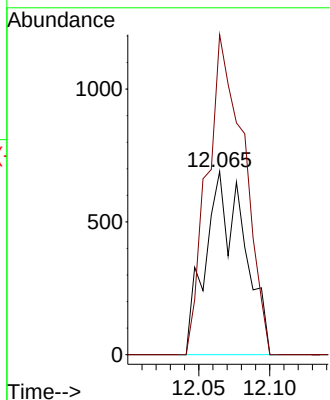
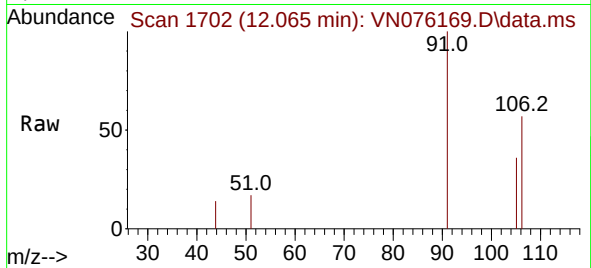




#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 12.065 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

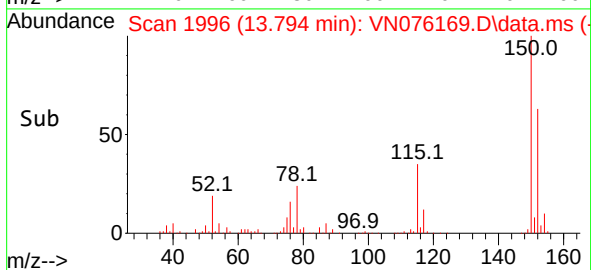
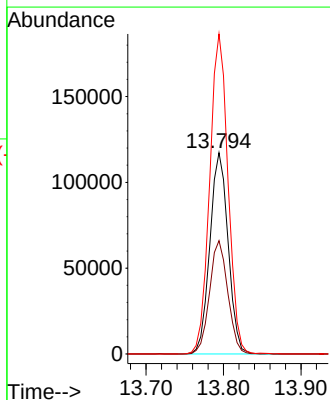
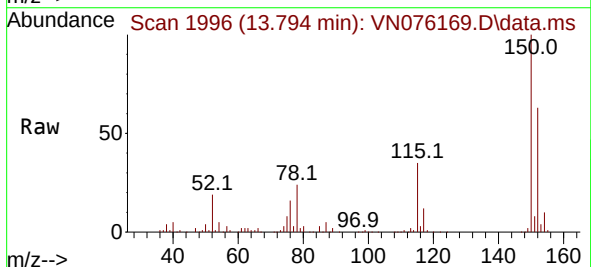
Instrument :
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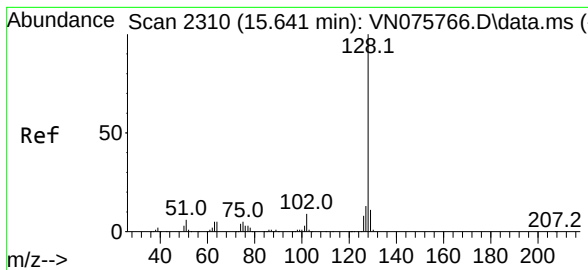
Tgt Ion:106 Resp: 1309
Ion Ratio Lower Upper
106 100
91 165.7 156.6 235.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

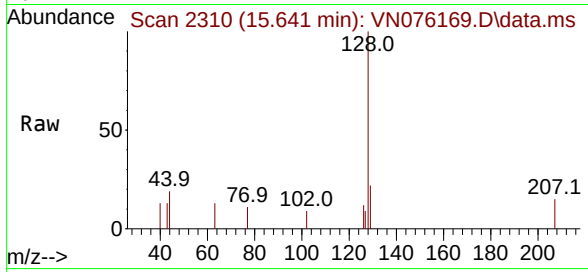
Tgt Ion:152 Resp: 191967
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.4
150 159.5 0.0 347.0





#95
Naphthalene
Concen: 2.501 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076169.D
Acq: 09 Jan 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
AUD-1844



Tgt Ion:128 Resp: 3532

Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.4	15.6
129	13.1	8.7	13.1

