

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075541.D
 Acq On : 02 Dec 2022 18:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 03 00:37:18 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)

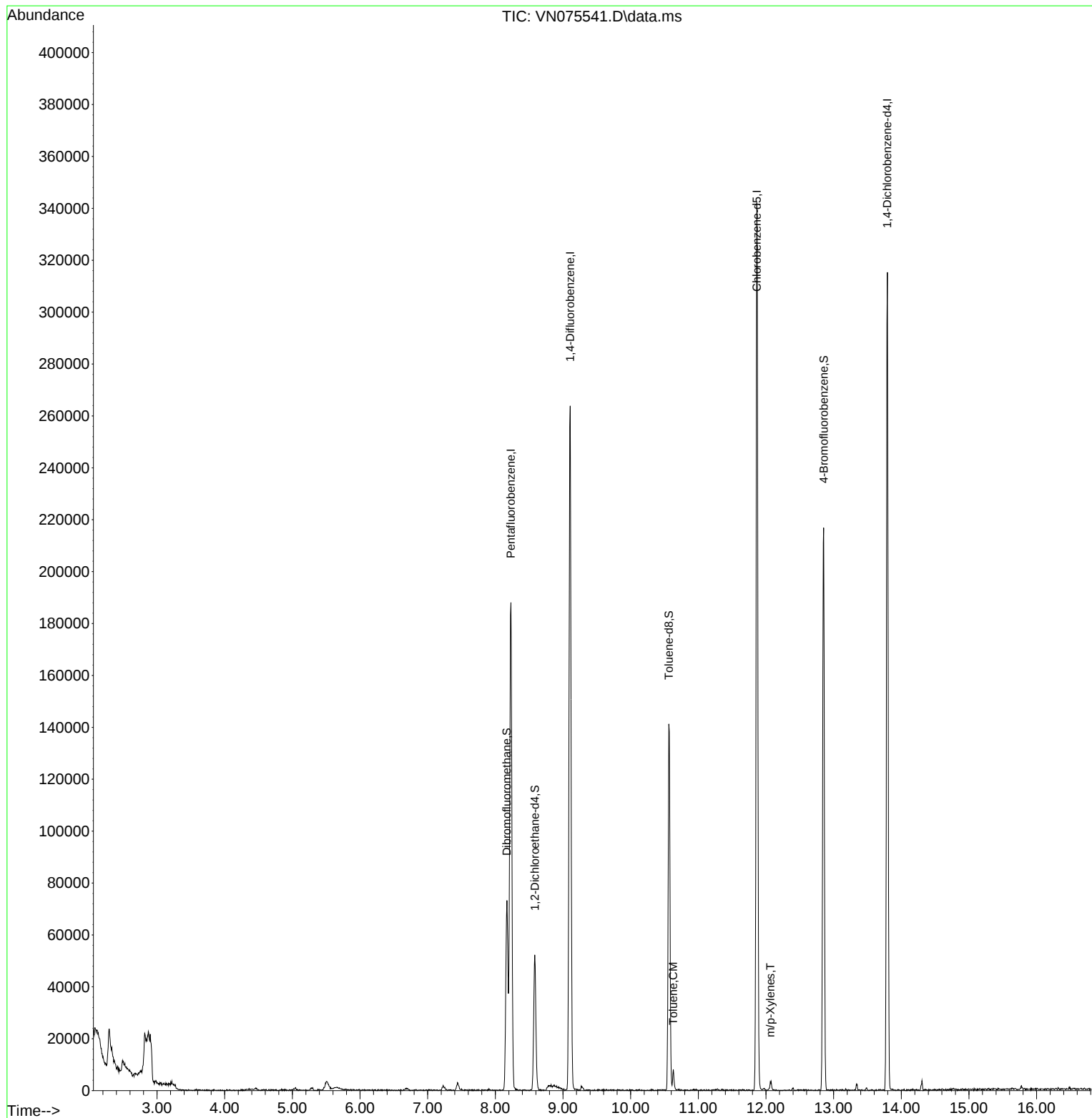
Internal Standards						
1) Pentafluorobenzene	8.230	168	151905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40859	50.109	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.171	113	52306	53.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.120%			
50) Toluene-d8	10.565	98	105012	47.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.480%			
62) 4-Bromofluorobenzene	12.853	95	73974	45.564	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.120%			
Target Compounds						
52) Toluene	10.630	92	3559	0.847	ug/l	98
68) m/p-Xylenes	12.065	106	1428	0.466	ug/l	90

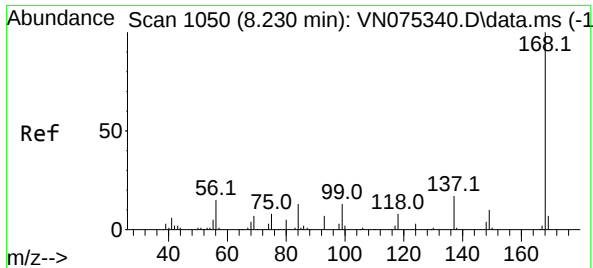
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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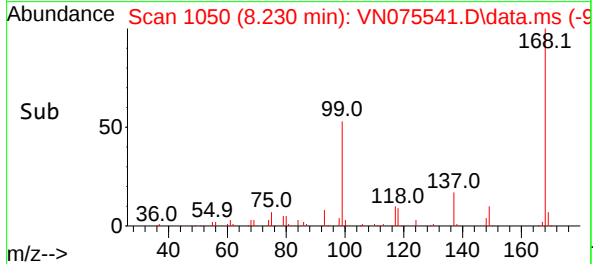
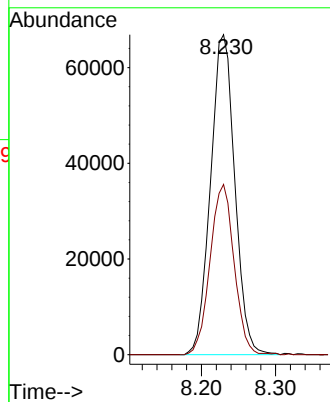
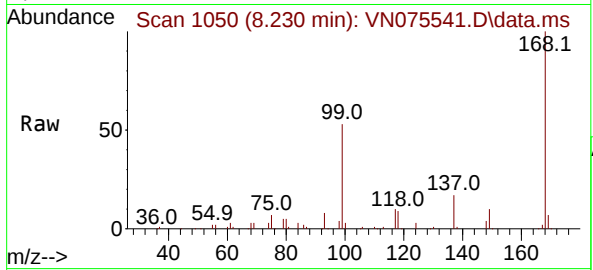




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

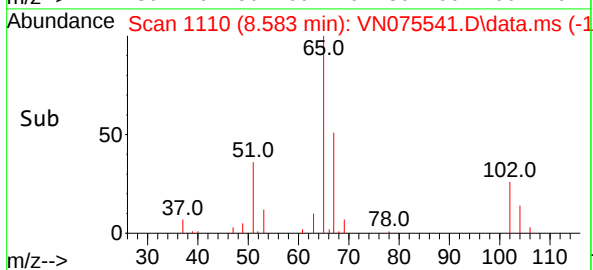
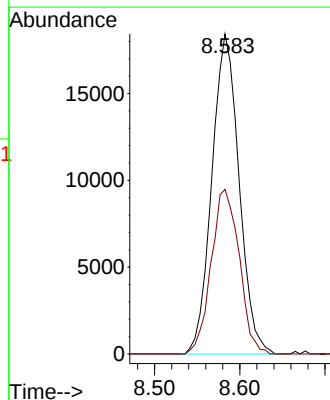
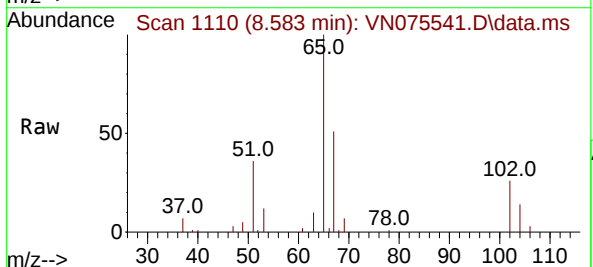
Instrument :
MSVOA_N
ClientSampleId :
IBLK

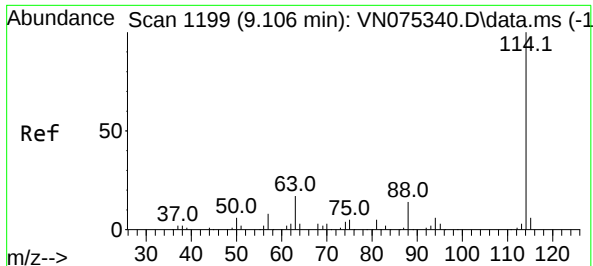
Tgt Ion:168 Resp: 151905
Ion Ratio Lower Upper
168 100
99 53.2 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 50.109 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 65 Resp: 40859
Ion Ratio Lower Upper
65 100
67 52.9 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: VN075541.D

Acq: 02 Dec 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

IBLK

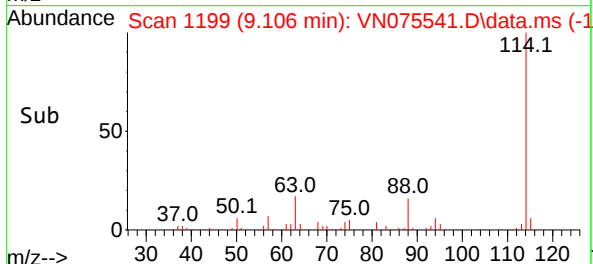
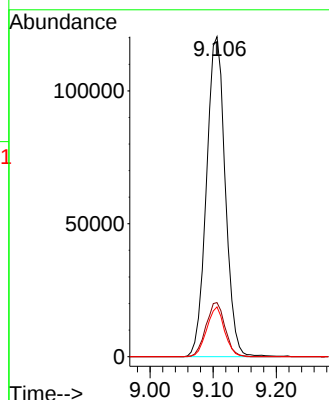
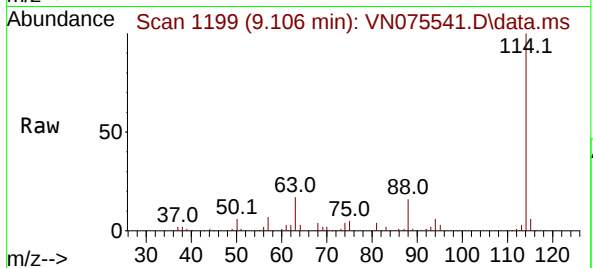
Tgt Ion:114 Resp: 248603

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.560 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075541.D

Acq: 02 Dec 2022 18:53

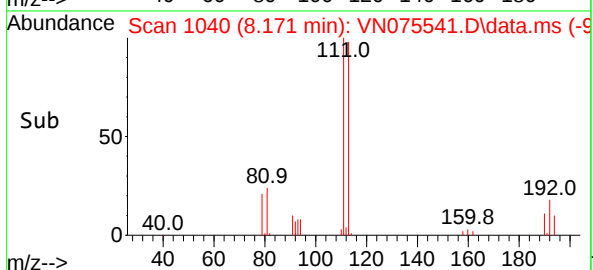
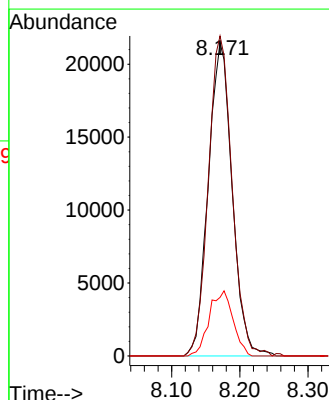
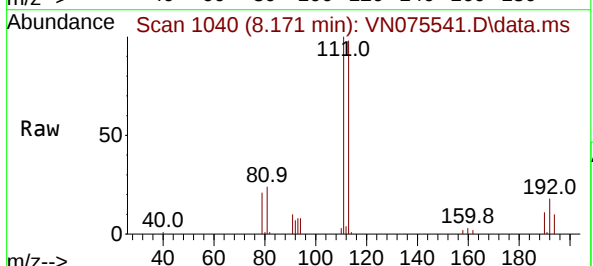
Tgt Ion:113 Resp: 52306

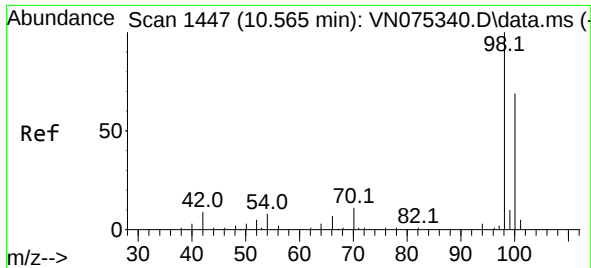
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 20.8 13.2 19.8#

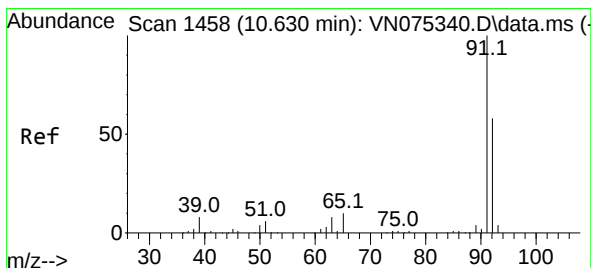
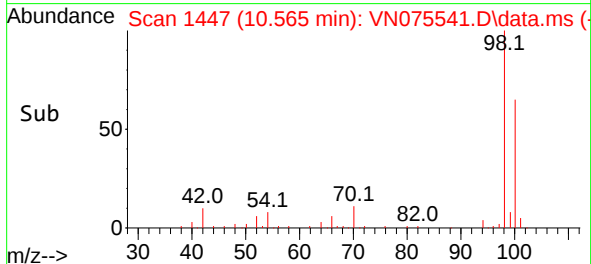
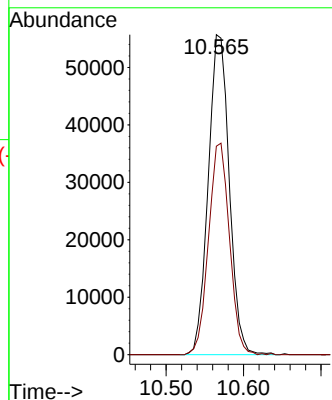
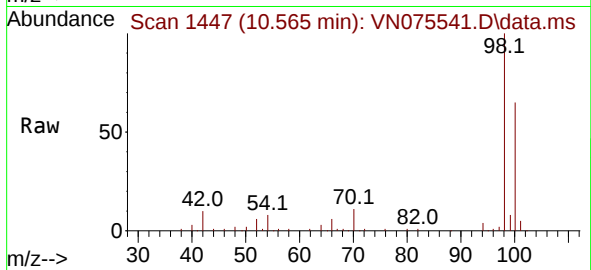




#50
Toluene-d8
Concen: 47.742 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

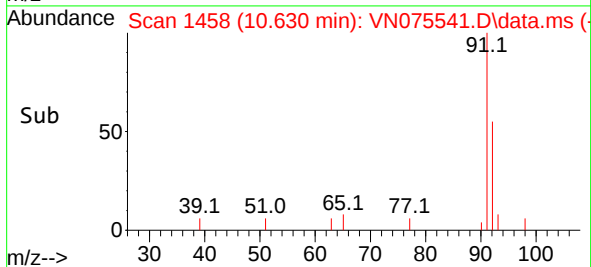
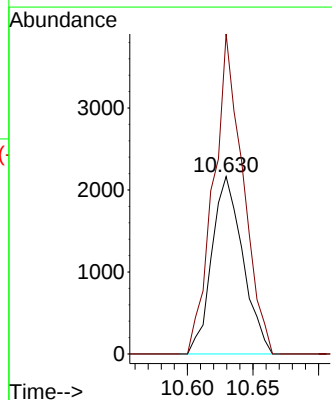
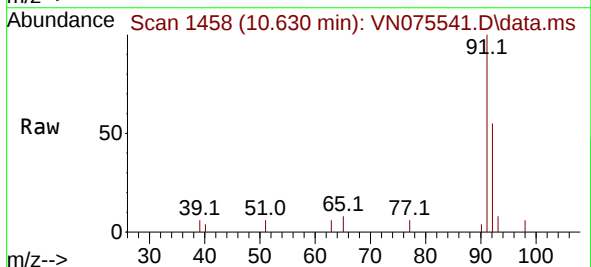
Instrument :
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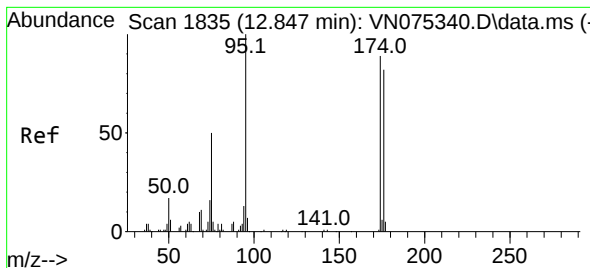
Tgt Ion: 98 Resp: 105012
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#52
Toluene
Concen: 0.847 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 92 Resp: 3559
Ion Ratio Lower Upper
92 100
91 171.5 135.4 203.2

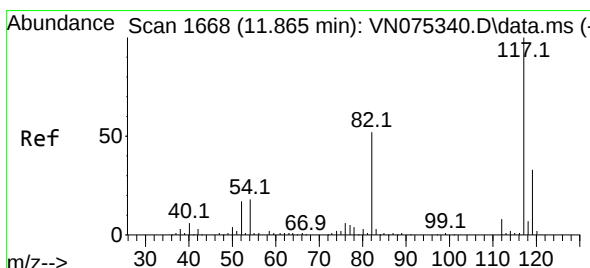
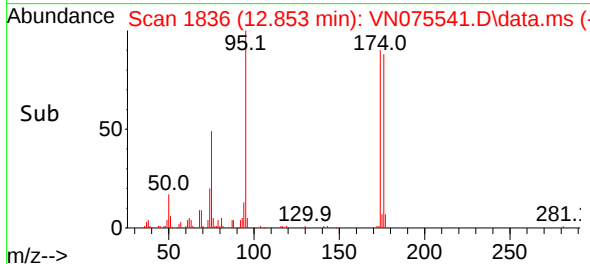
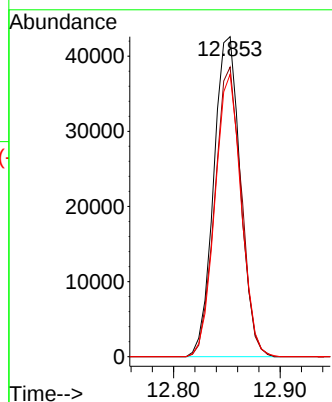
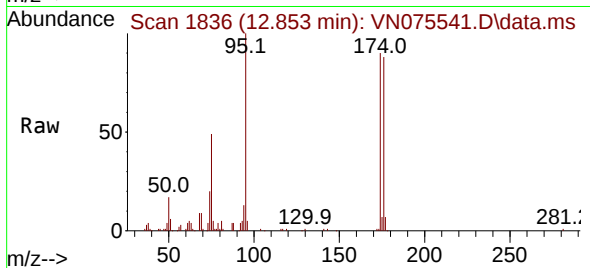




#62
4-Bromofluorobenzene
Concen: 45.564 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

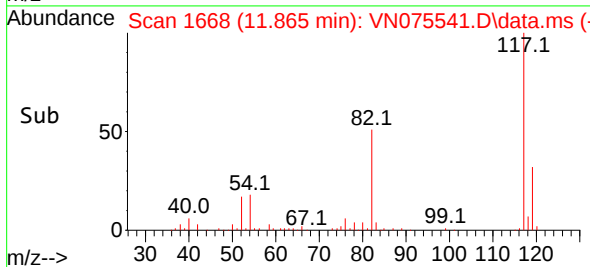
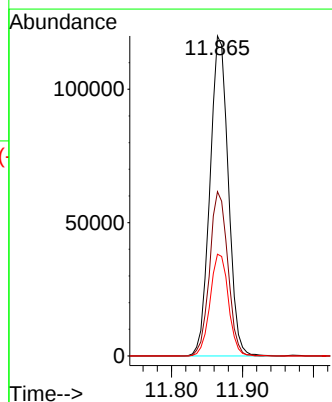
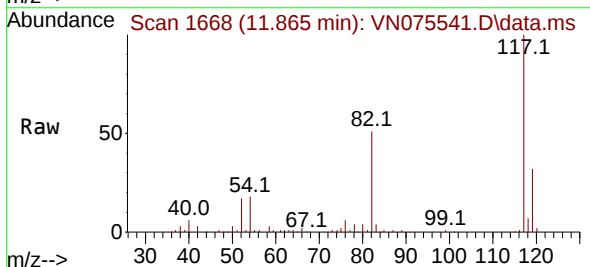
Instrument :
MSVOA_N
ClientSampleId :
IBLK

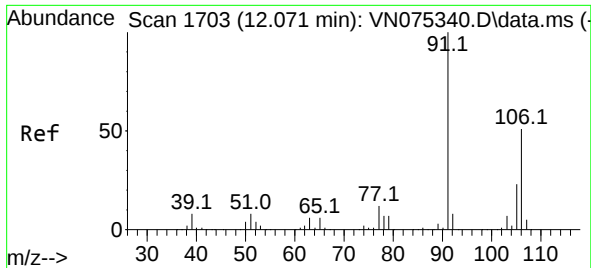
Tgt Ion: 95 Resp: 73974
Ion Ratio Lower Upper
95 100
174 89.7 0.0 147.4
176 86.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 117 Resp: 214394
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 31.8 25.5 38.3

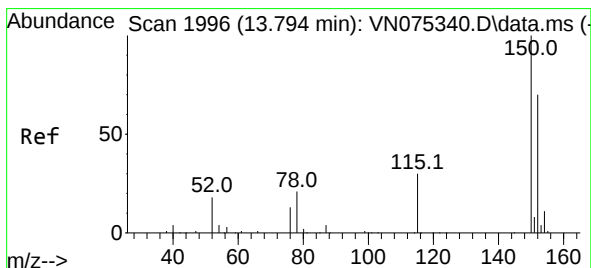
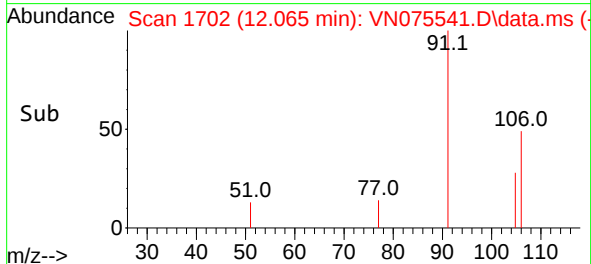
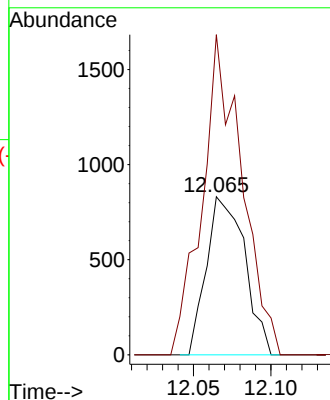
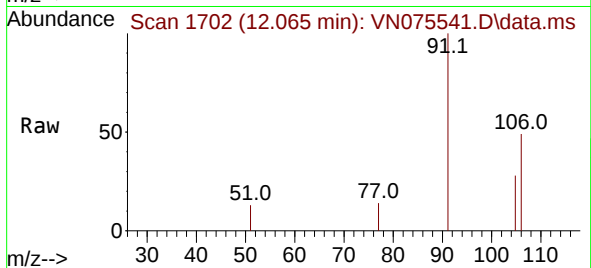




#68
m/p-Xylenes
Concen: 0.466 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 1428
Ion Ratio Lower Upper
106 100
91 209.2 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075541.D
Acq: 02 Dec 2022 18:53

Tgt Ion:152 Resp: 91104
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 160.8 0.0 348.4

