

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075869.D
 Acq On : 19 Dec 2022 14:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 20 01:29:27 2022
 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)

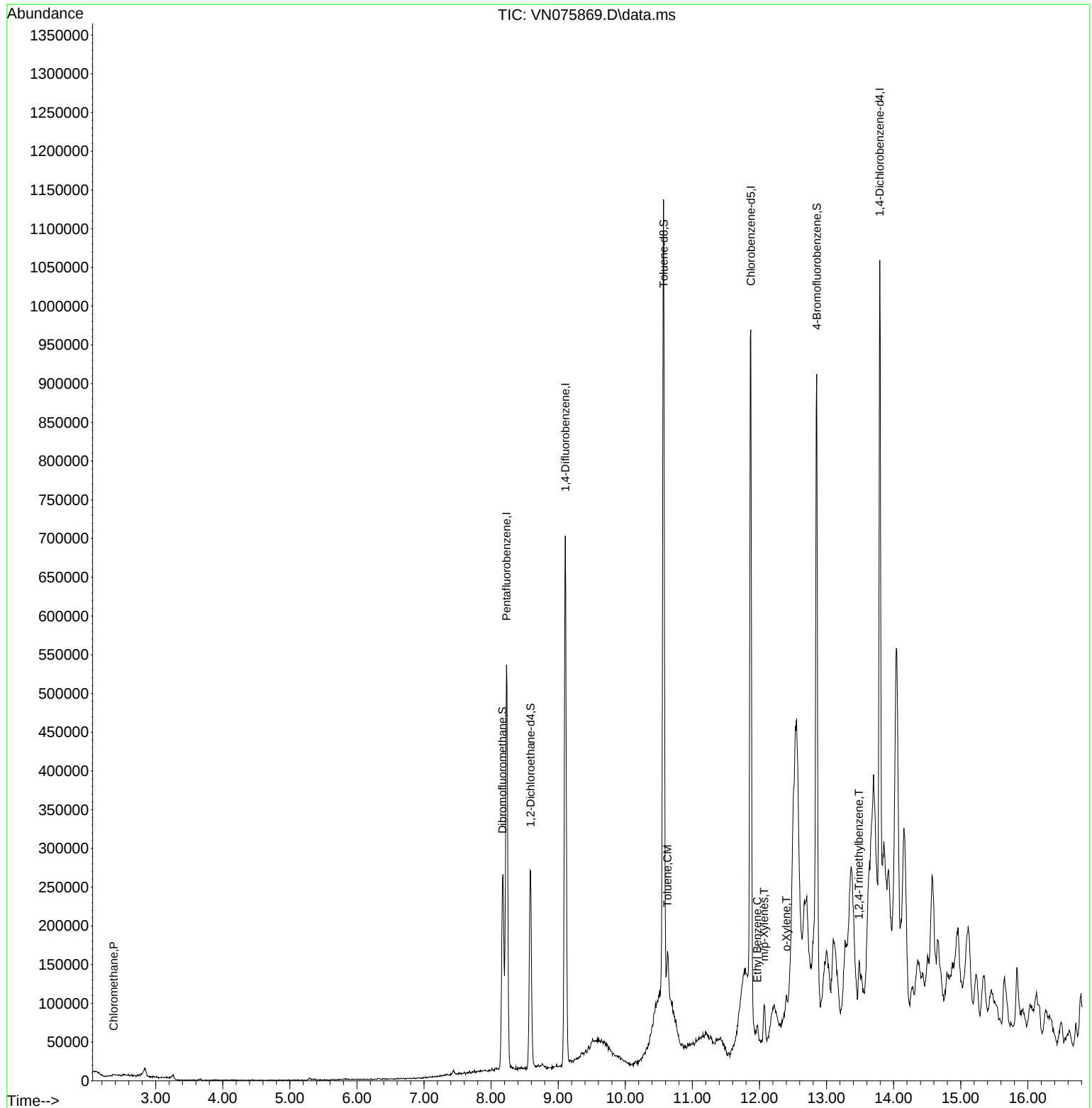
Internal Standards						
1) Pentafluorobenzene	8.229	168	403228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	561035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	206190	47.003	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	94.000%	
35) Dibromofluoromethane	8.171	113	182022	46.896	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.800%	
50) Toluene-d8	10.570	98	724037	49.892	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.780%	
62) 4-Bromofluorobenzene	12.853	95	244235	50.813	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	762	0.214	ug/l #	40
52) Toluene	10.629	92	24143	2.330	ug/l #	63
67) Ethyl Benzene	11.965	91	15951	0.821	ug/l	99
68) m/p-Xylenes	12.070	106	19867	2.583	ug/l	90
69) o-Xylene	12.400	106	9564	1.256	ug/l	62
84) 1,2,4-Trimethylbenzene	13.482	105	25164	1.749	ug/l	98

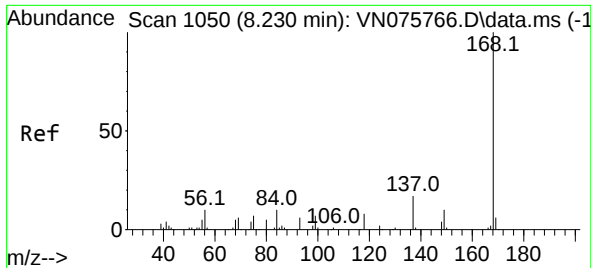
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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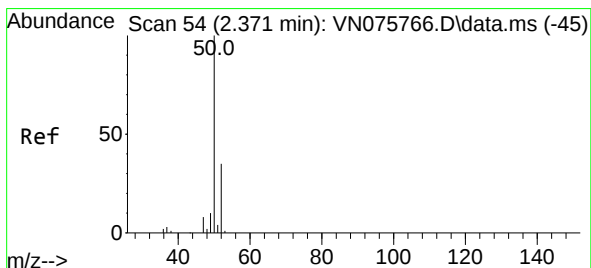
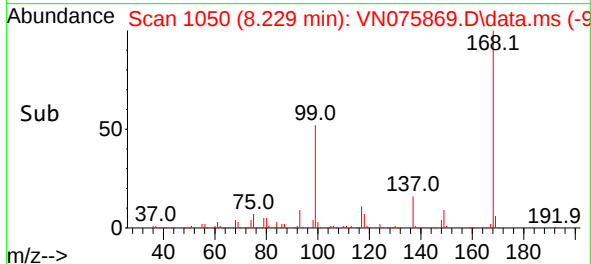
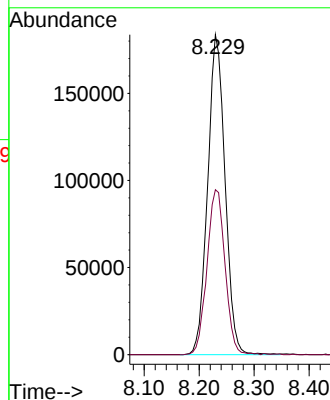
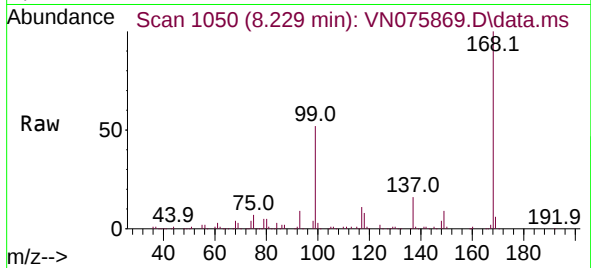




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

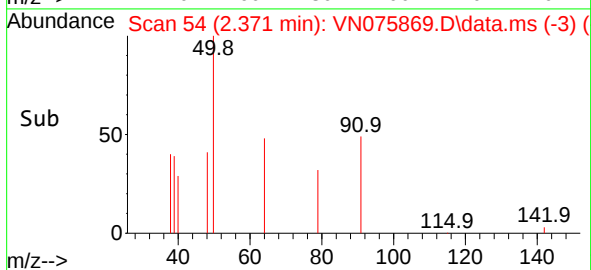
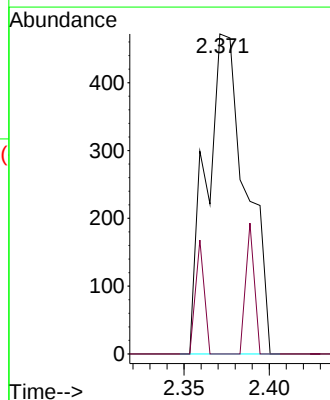
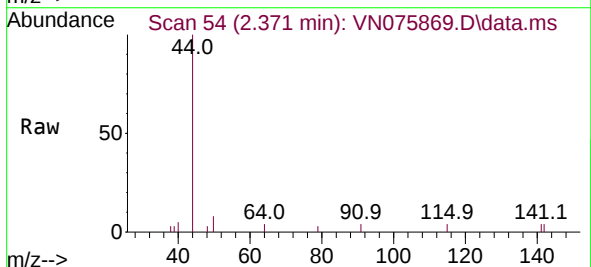
Instrument :
MSVOA_N
ClientSampleId :
IBLK

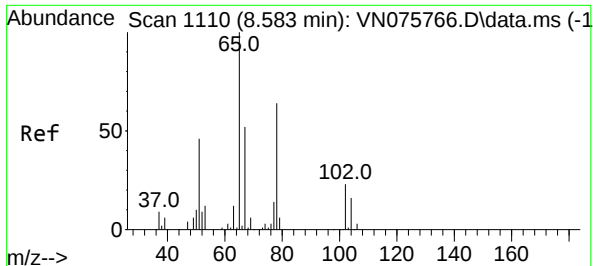
Tgt Ion:168 Resp: 403228
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

Tgt Ion: 50 Resp: 762
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#





#33

1,2-Dichloroethane-d4

Concen: 47.003 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075869.D

Acq: 19 Dec 2022 14:22

Instrument :

MSVOA_N

ClientSampleId :

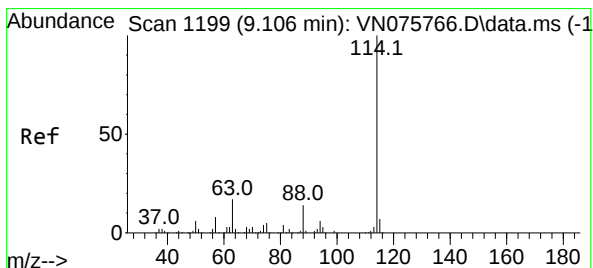
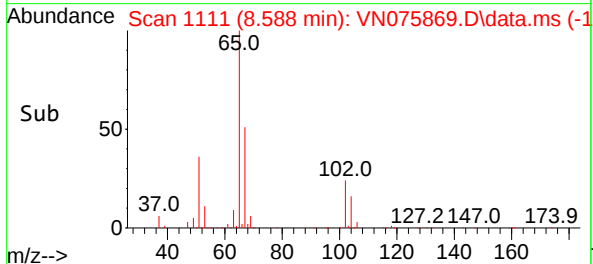
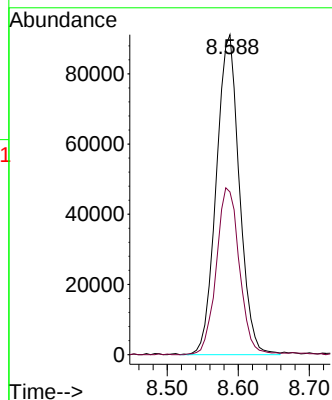
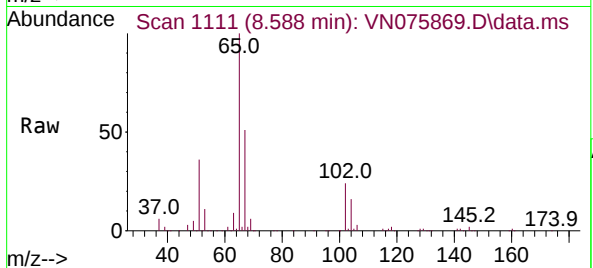
IBLK

Tgt Ion: 65 Resp: 206190

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075869.D

Acq: 19 Dec 2022 14:22

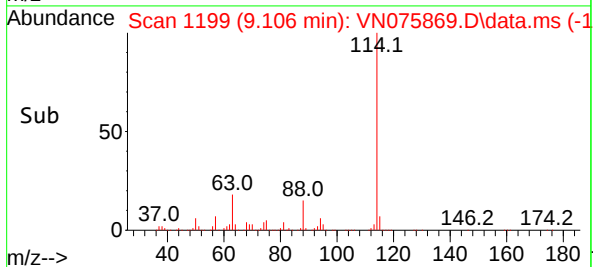
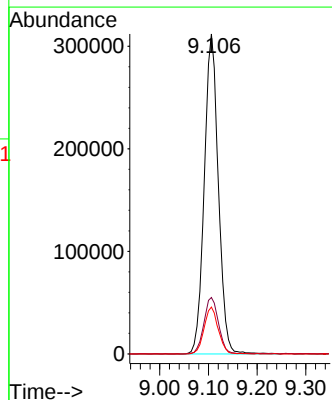
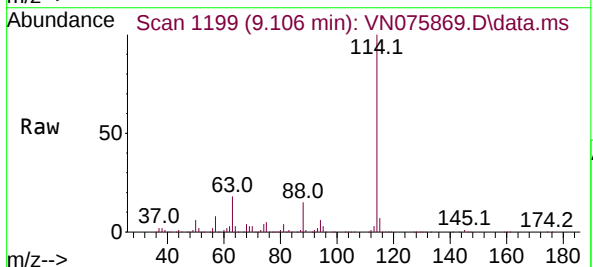
Tgt Ion: 114 Resp: 626754

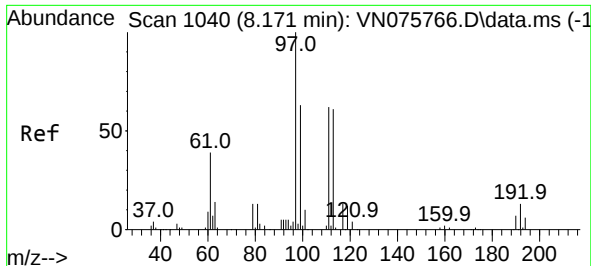
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 28.8

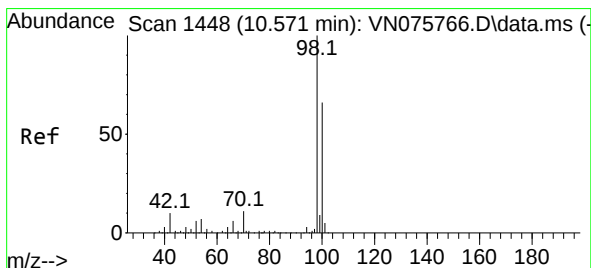
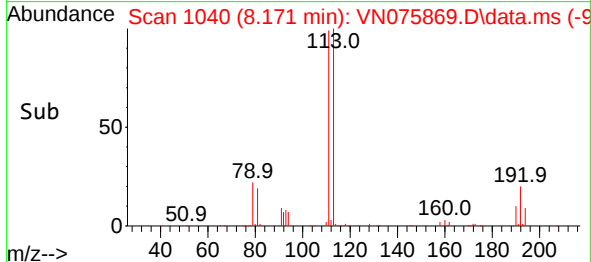
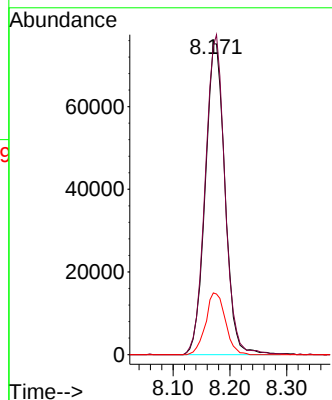
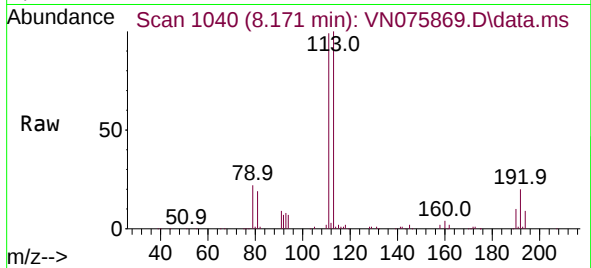




#35
Dibromofluoromethane
Concen: 46.896 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

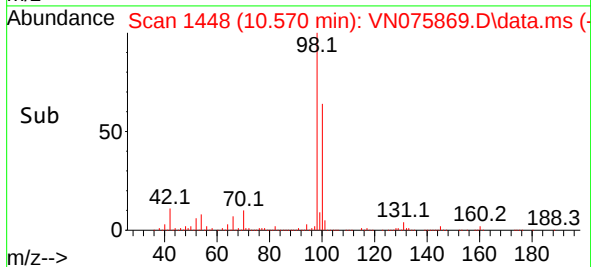
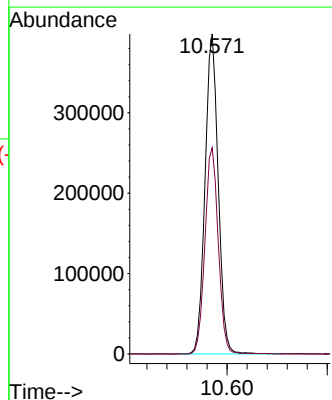
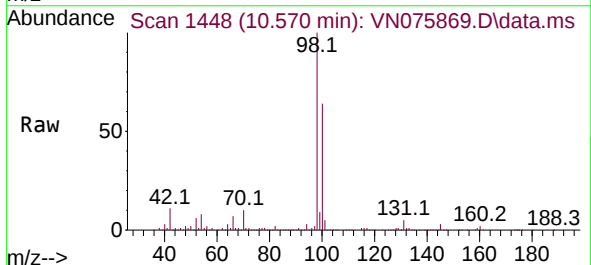
Instrument :
MSVOA_N
ClientSampleId :
IBLK

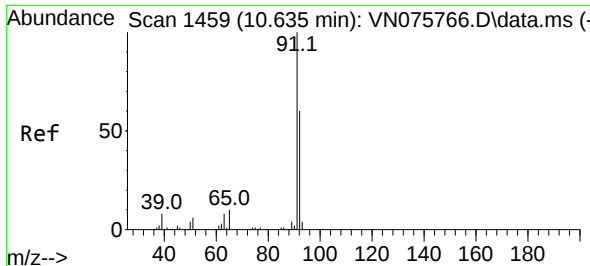
Tgt Ion:113 Resp: 182022
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 19.7 16.1 24.1



#50
Toluene-d8
Concen: 49.892 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

Tgt Ion: 98 Resp: 724037
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

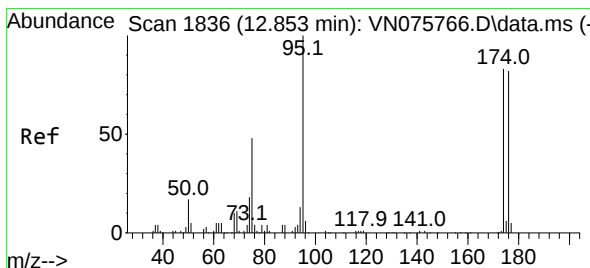
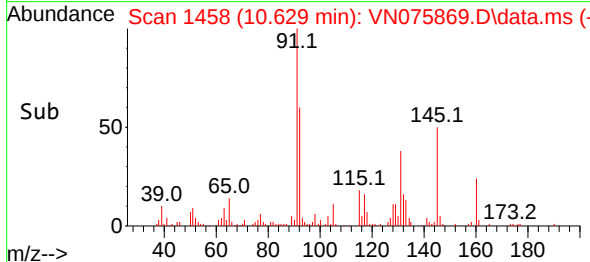
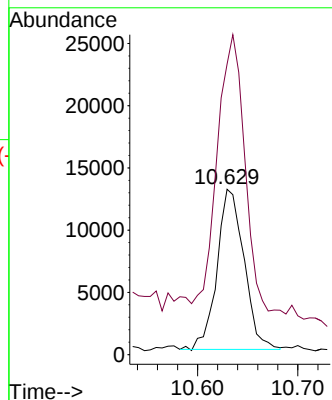
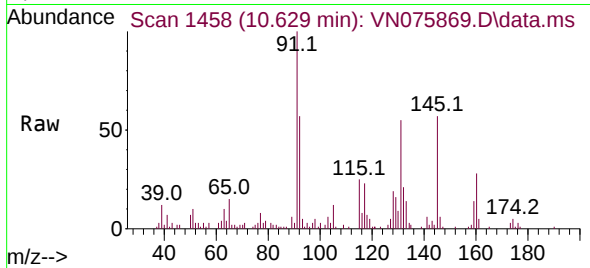




#52
Toluene
Concen: 2.330 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

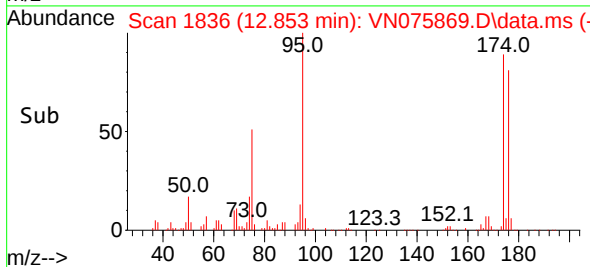
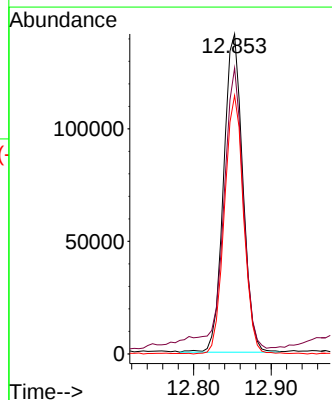
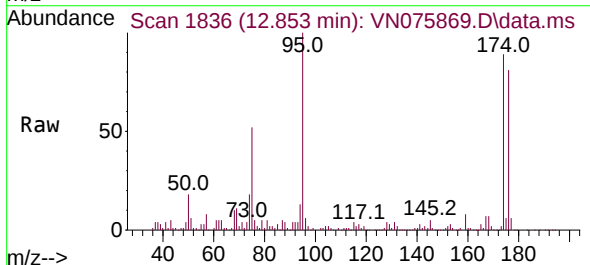
Instrument :
MSVOA_N
ClientSampleId :
IBLK

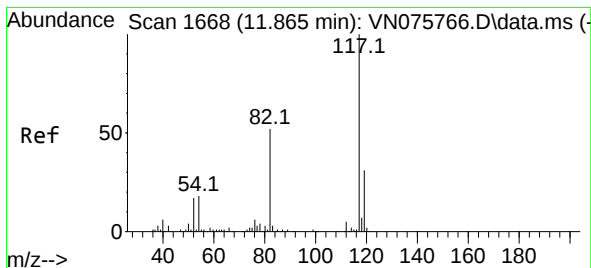
Tgt Ion: 92 Resp: 24143
Ion Ratio Lower Upper
92 100
91 222.8 137.3 205.9#



#62
4-Bromofluorobenzene
Concen: 50.813 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

Tgt Ion: 95 Resp: 244235
Ion Ratio Lower Upper
95 100
174 90.8 0.0 171.6
176 81.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075869.D

Acq: 19 Dec 2022 14:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

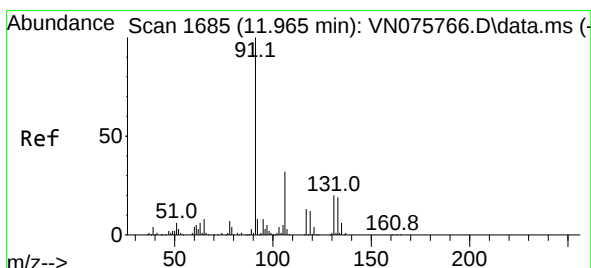
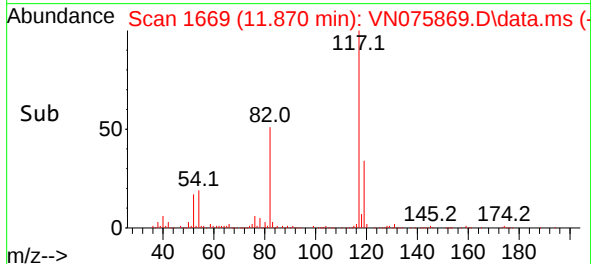
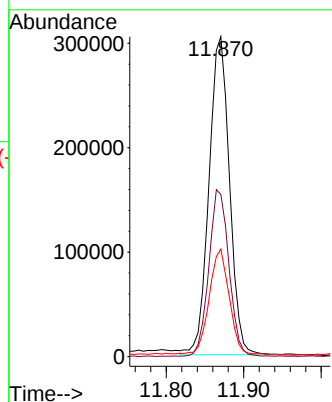
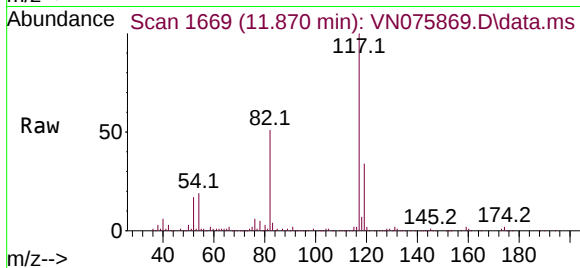
Tgt Ion:117 Resp: 561035

Ion Ratio Lower Upper

117 100

82 50.8 41.3 61.9

119 33.1 24.6 37.0



#67

Ethyl Benzene

Concen: 0.821 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN075869.D

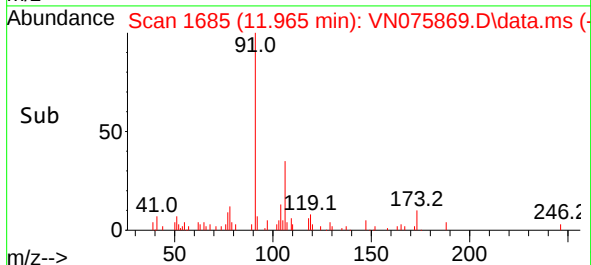
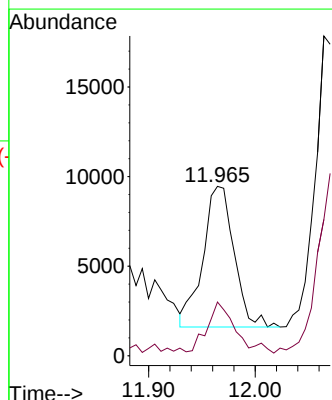
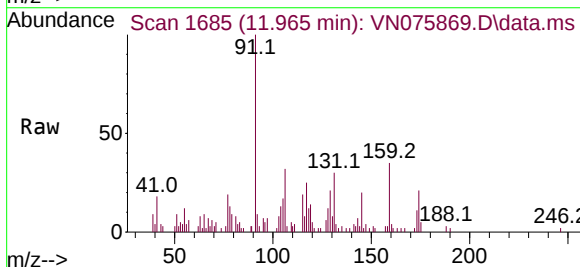
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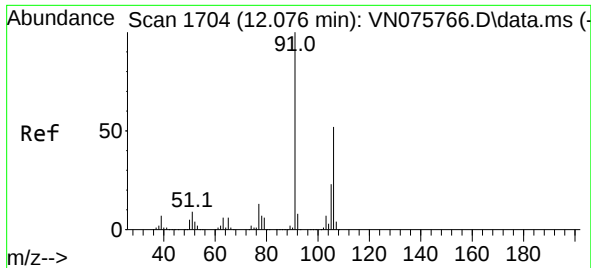
Tgt Ion: 91 Resp: 15951

Ion Ratio Lower Upper

91 100

106 32.7 25.7 38.5

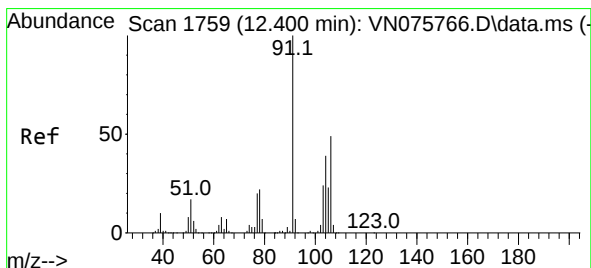
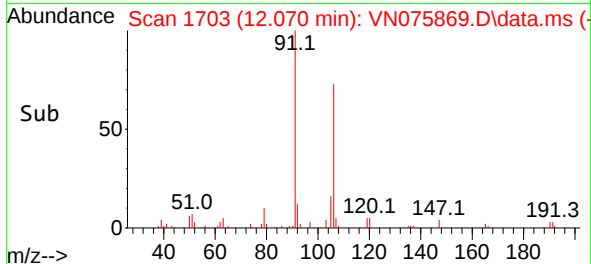
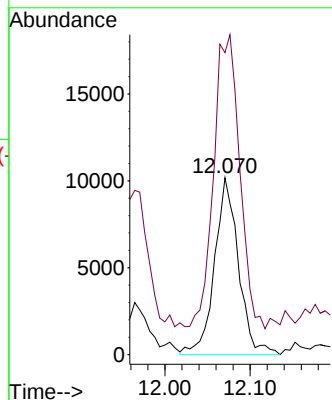
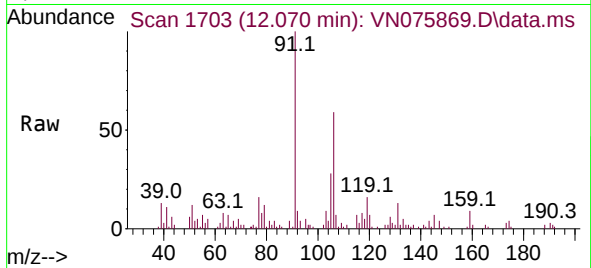




#68
m/p-Xylenes
Concen: 2.583 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

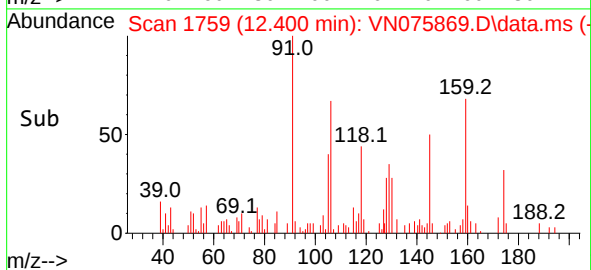
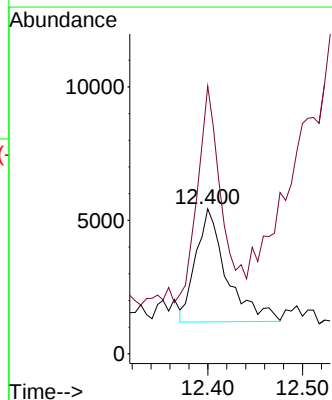
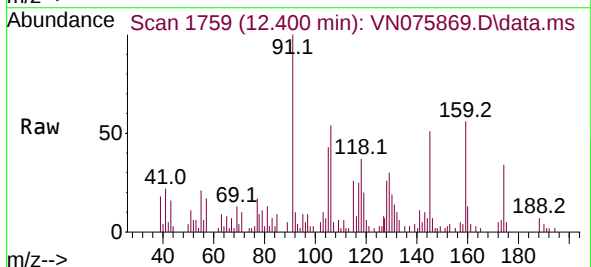
Instrument :
MSVOA_N
ClientSampleId :
IBLK

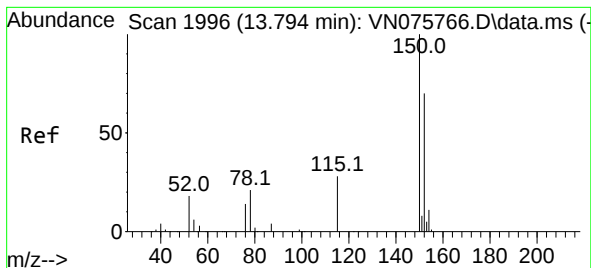
Tgt Ion:106 Resp: 19867
Ion Ratio Lower Upper
106 100
91 180.5 156.6 235.0



#69
o-Xylene
Concen: 1.256 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075869.D
Acq: 19 Dec 2022 14:22

Tgt Ion:106 Resp: 9564
Ion Ratio Lower Upper
106 100
91 149.3 103.8 311.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075869.D

Acq: 19 Dec 2022 14:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

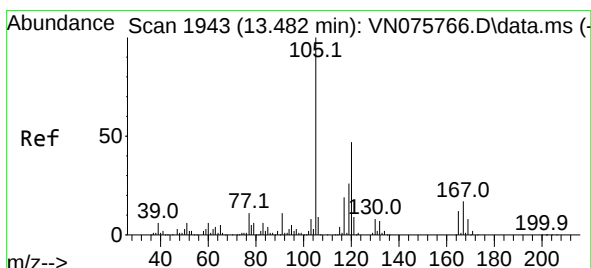
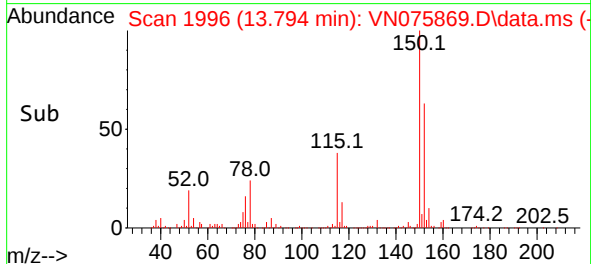
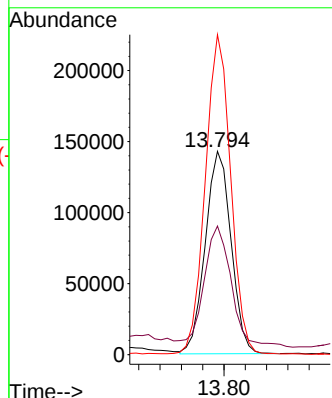
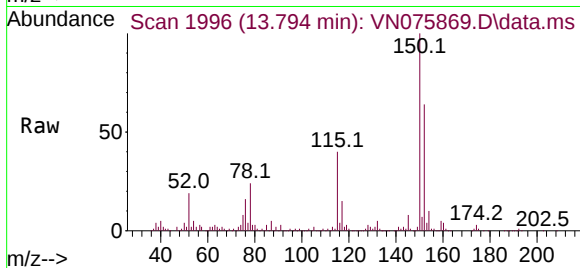
Tgt Ion:152 Resp: 239835

Ion Ratio Lower Upper

152 100

115 62.8 29.1 87.4

150 154.9 0.0 347.0



#84

1,2,4-Trimethylbenzene

Concen: 1.749 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN075869.D

Acq: 19 Dec 2022 14:22

Tgt Ion:105 Resp: 25164

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8

