

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074973.D
 Acq On : 21 Oct 2022 19:49
 Operator : JC\MD
 Sample : N5222-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Oct 22 02:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

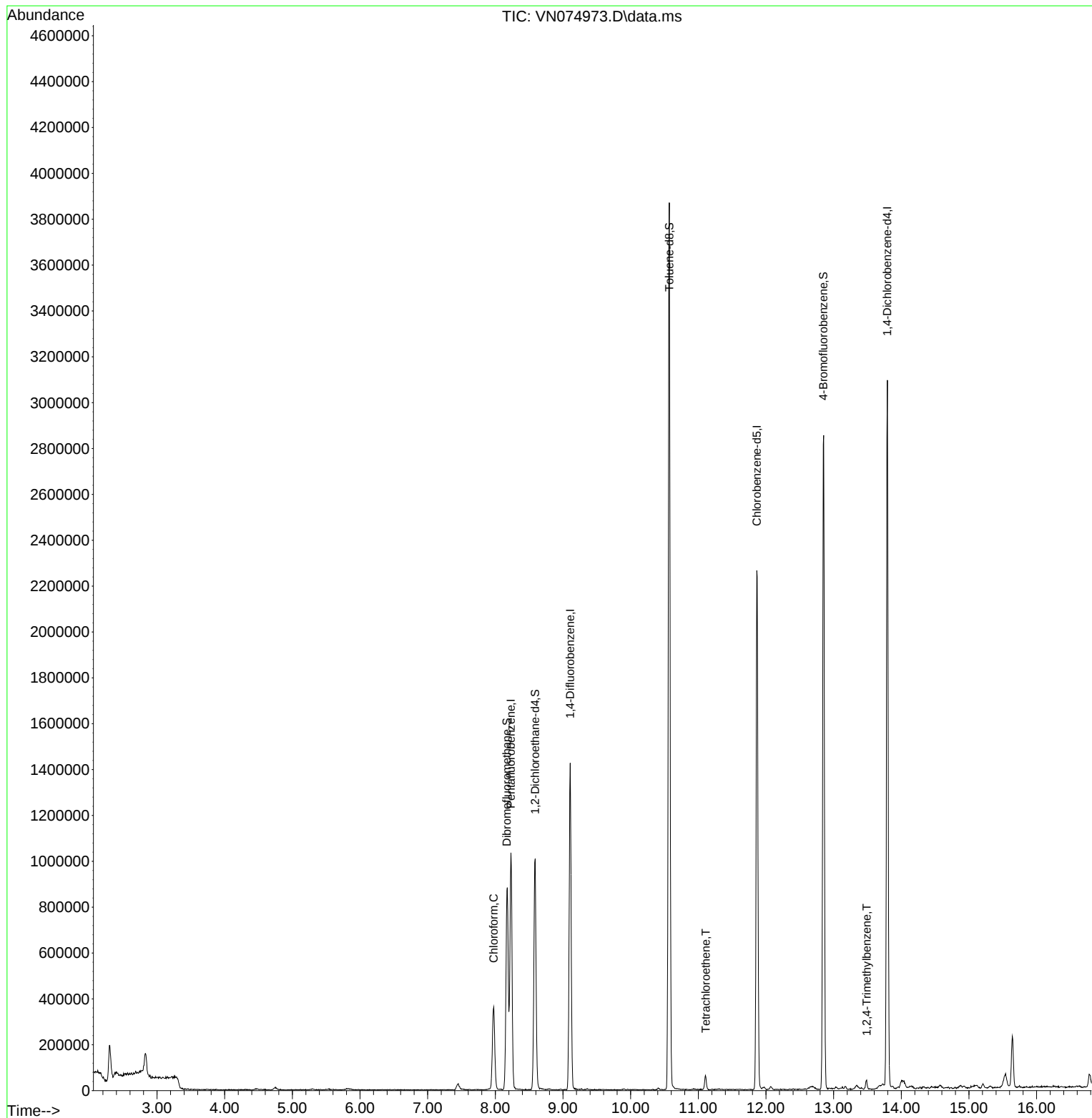
Internal Standards						
1) Pentafluorobenzene	8.230	168	707834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1230750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1315507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	790569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	812509	43.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.400%
35) Dibromofluoromethane	8.171	113	633939	43.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.560%
50) Toluene-d8	10.571	98	2640944	46.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.847	95	975221	49.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	342227	12.428	ug/l	94
64) Tetrachloroethene	11.112	164	11534	1.072	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.488	105	21913	0.389	ug/l	97

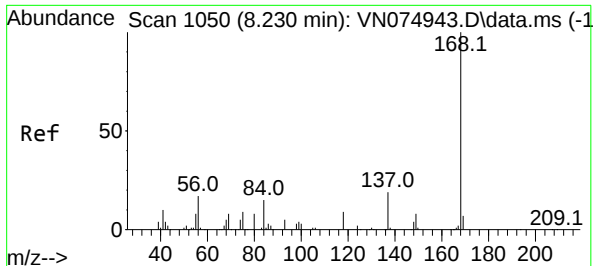
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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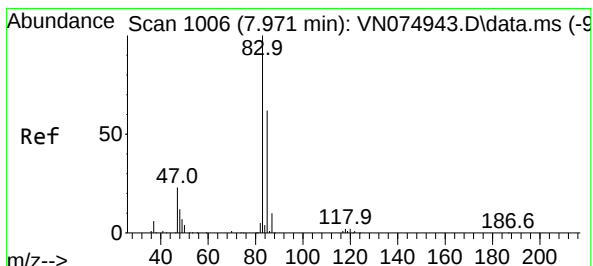
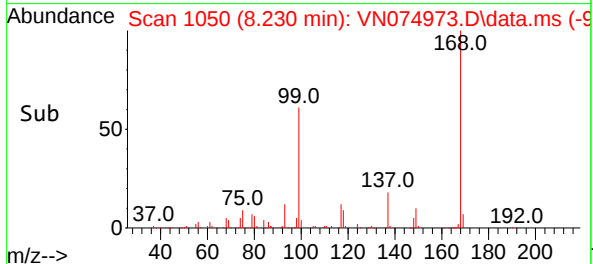
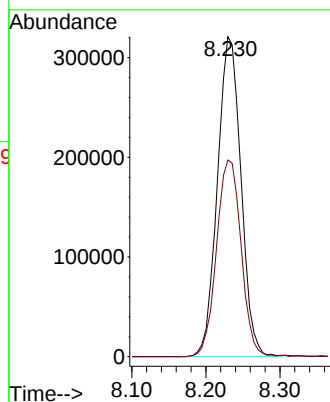
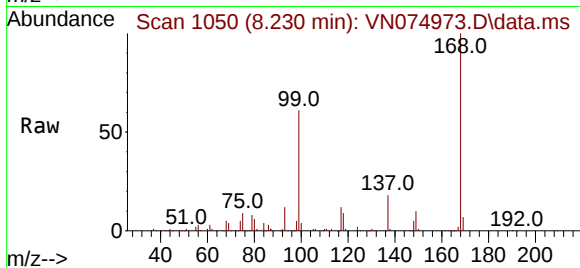




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

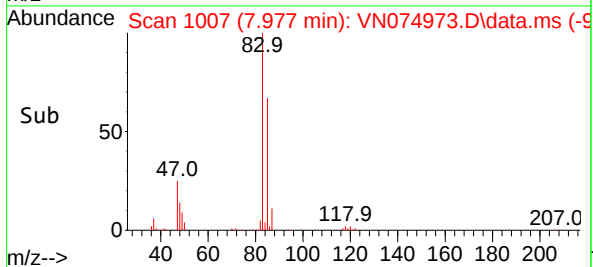
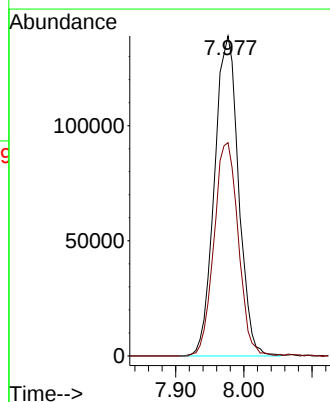
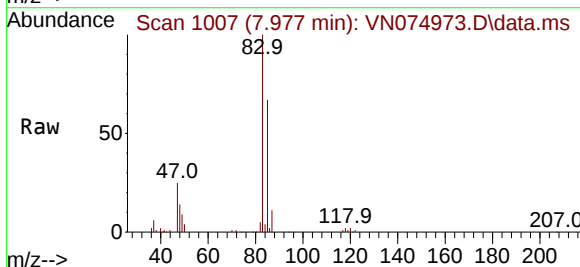
Instrument :
MSVOA_N
ClientSampleId :
MW-17

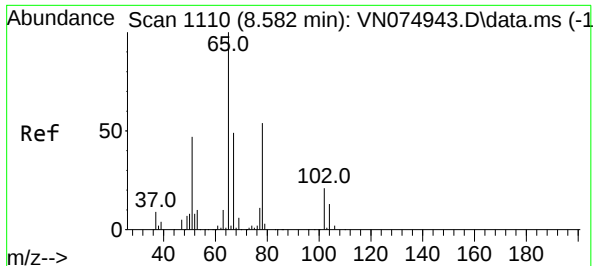
Tgt Ion:168 Resp: 707834
Ion Ratio Lower Upper
168 100
99 61.4 52.2 78.4



#30
Chloroform
Concen: 12.428 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

Tgt Ion: 83 Resp: 342227
Ion Ratio Lower Upper
83 100
85 66.7 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 43.203 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN074973.D

Acq: 21 Oct 2022 19:49

Instrument :

MSVOA_N

ClientSampleId :

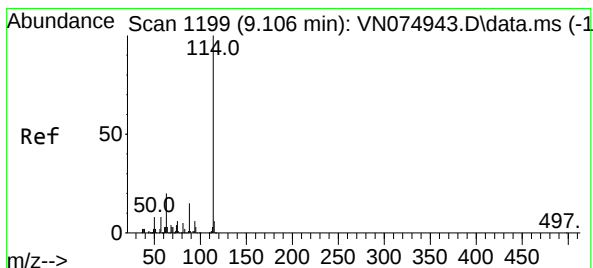
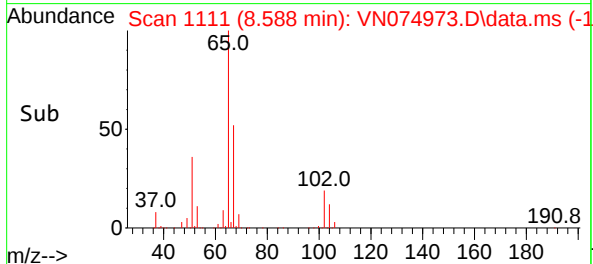
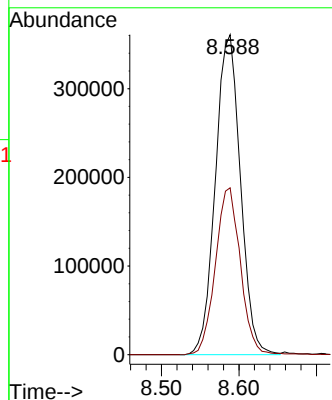
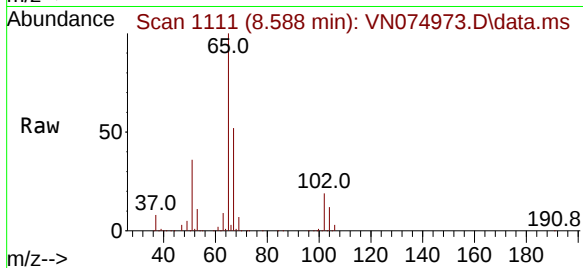
MW-17

Tgt Ion: 65 Resp: 812509

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074973.D

Acq: 21 Oct 2022 19:49

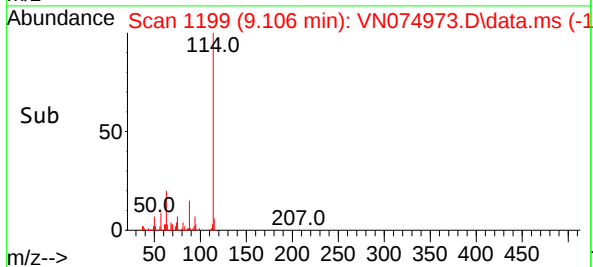
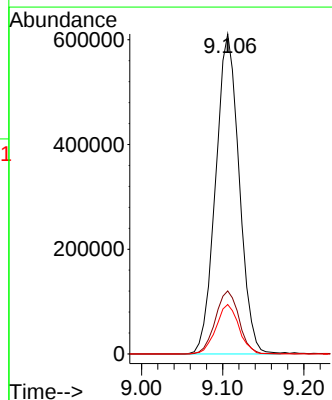
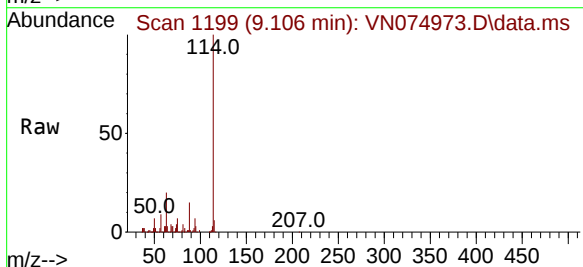
Tgt Ion: 114 Resp: 1230750

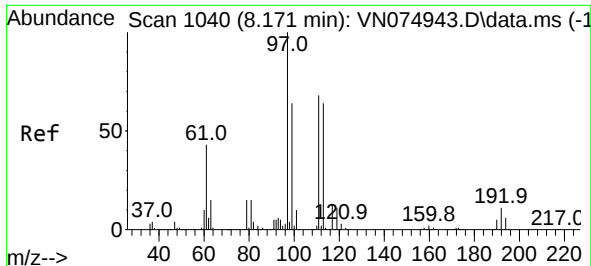
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.4 0.0 30.4

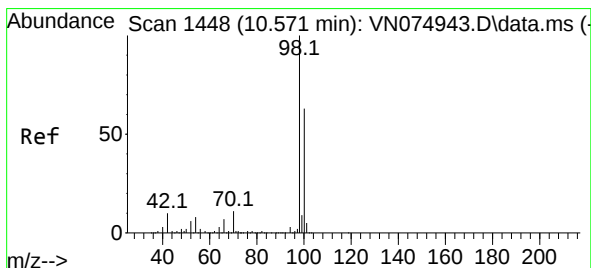
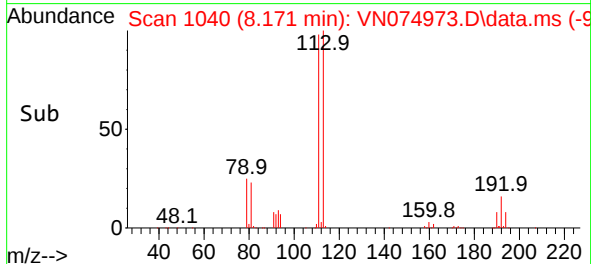
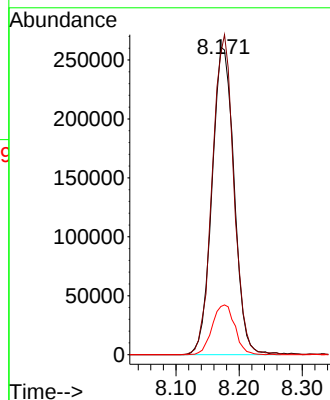
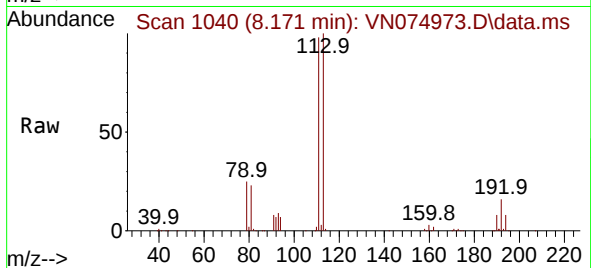




#35
Dibromofluoromethane
Concen: 43.275 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

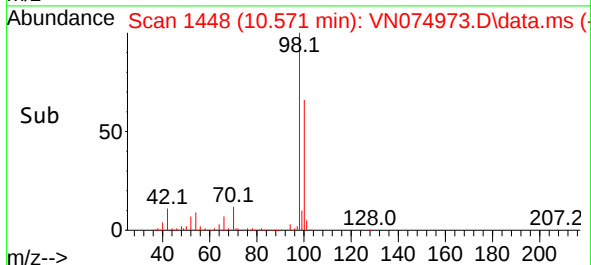
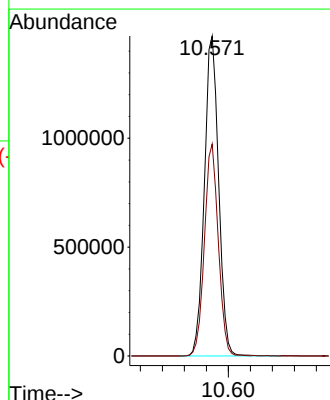
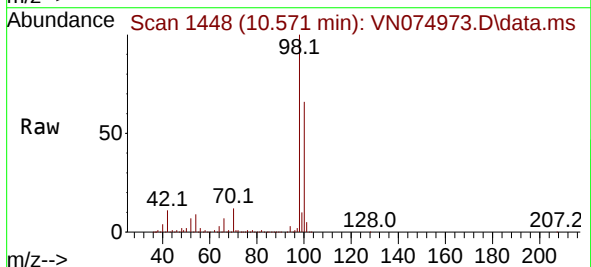
Instrument :
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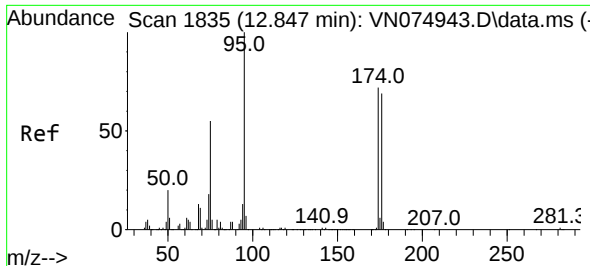
Tgt Ion:113 Resp: 633939
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 16.6 13.3 19.9



#50
Toluene-d8
Concen: 46.988 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

Tgt Ion: 98 Resp: 2640944
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

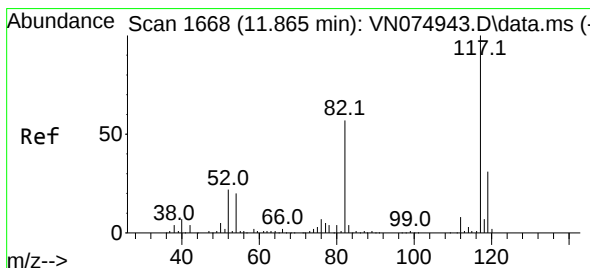
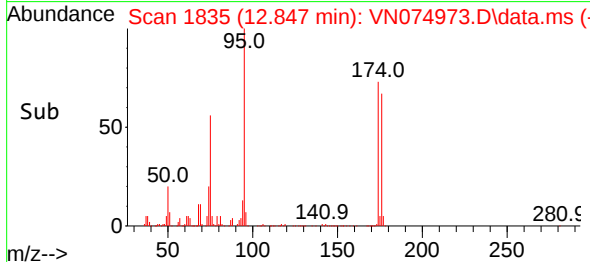
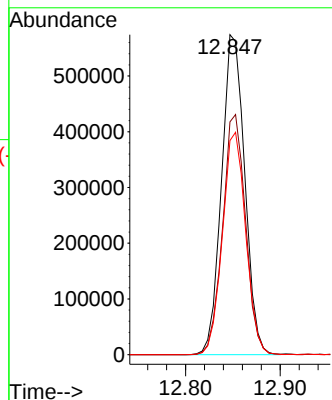
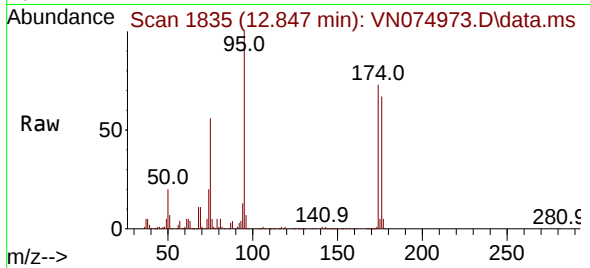




#62
4-Bromofluorobenzene
Concen: 49.190 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

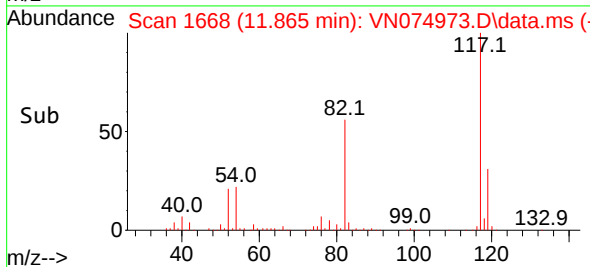
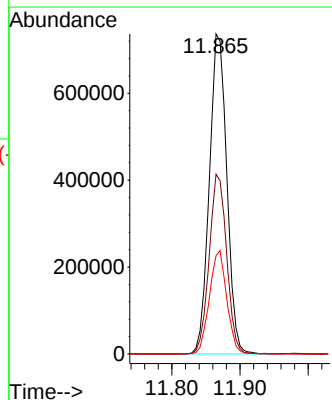
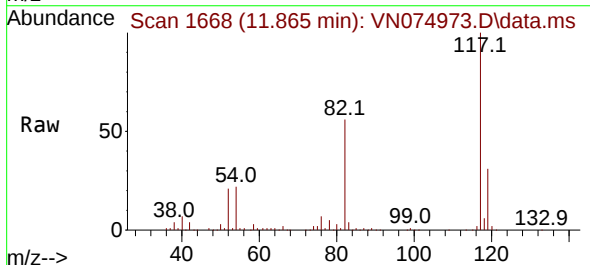
Instrument :
MSVOA_N
ClientSampleId :
MW-17

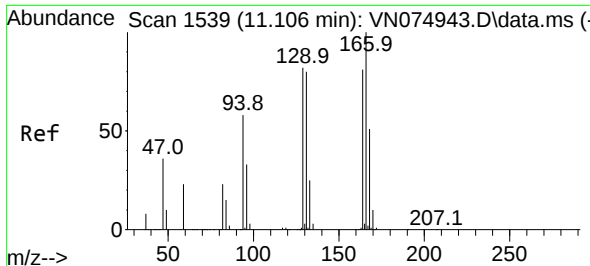
Tgt Ion: 95 Resp: 975221
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.0
176 69.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

Tgt Ion: 117 Resp: 1315507
Ion Ratio Lower Upper
117 100
82 56.1 45.6 68.4
119 30.7 25.1 37.7

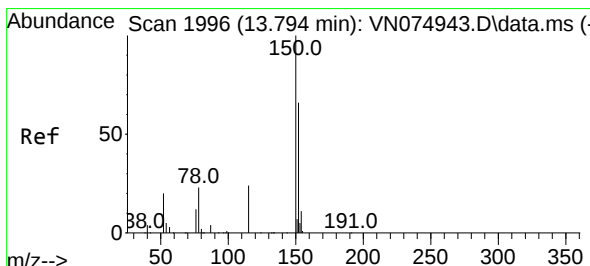
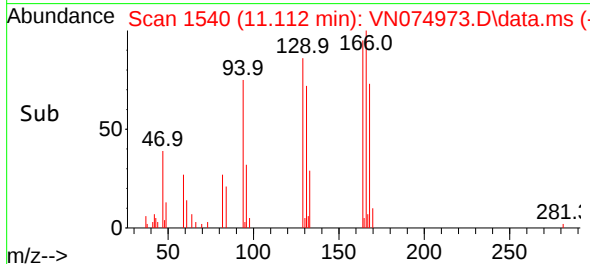
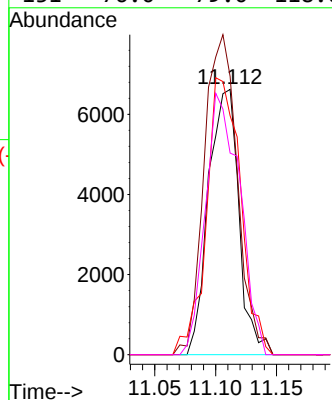
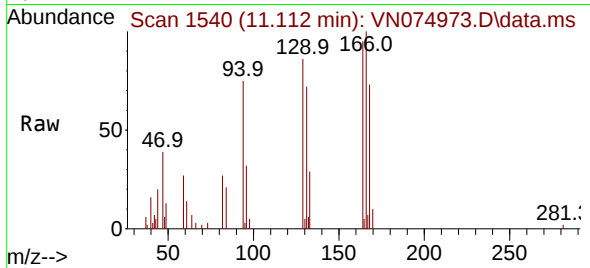




#64
Tetrachloroethene
Concen: 1.072 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

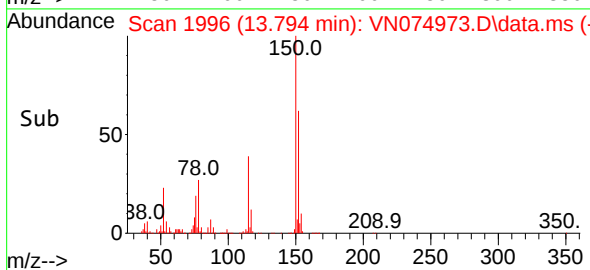
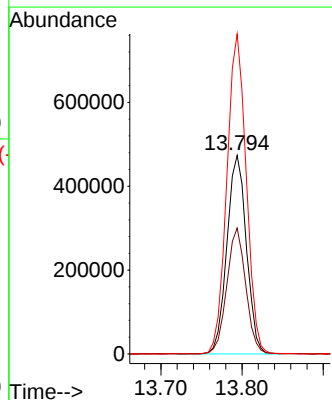
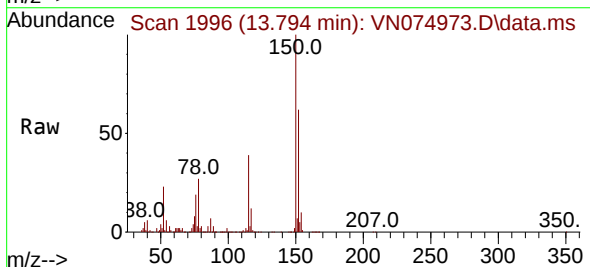
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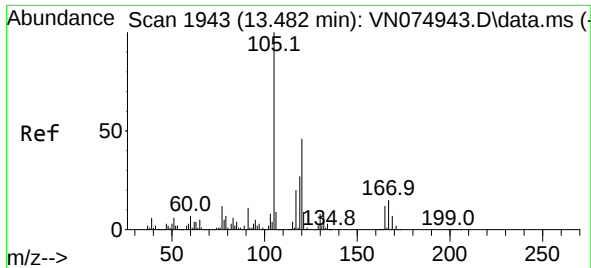
Tgt Ion:164	Resp:	11534
Ion	Ratio	Lower Upper
164	100	
166	104.9	98.6 148.0
129	90.0	81.2 121.8
131	76.0	79.0 118.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074973.D
Acq: 21 Oct 2022 19:49

Tgt Ion:152	Resp:	790569
Ion	Ratio	Lower Upper
152	100	
115	62.1	31.3 93.8
150	160.0	0.0 349.6





#84

1,2,4-Trimethylbenzene

Concen: 0.389 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN074973.D

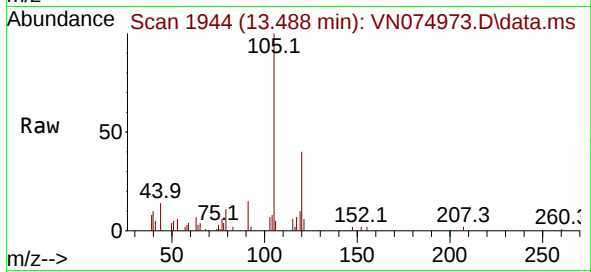
Acq: 21 Oct 2022 19:49

Instrument :

MSVOA_N

ClientSampleId :

MW-17



Tgt Ion:105 Resp: 21913

Ion Ratio Lower Upper

105 100

120 43.9 22.9 68.5

