

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074972.D
 Acq On : 21 Oct 2022 19:25
 Operator : JC\MD
 Sample : N5222-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16D

Quant Time: Oct 22 02:56:14 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)

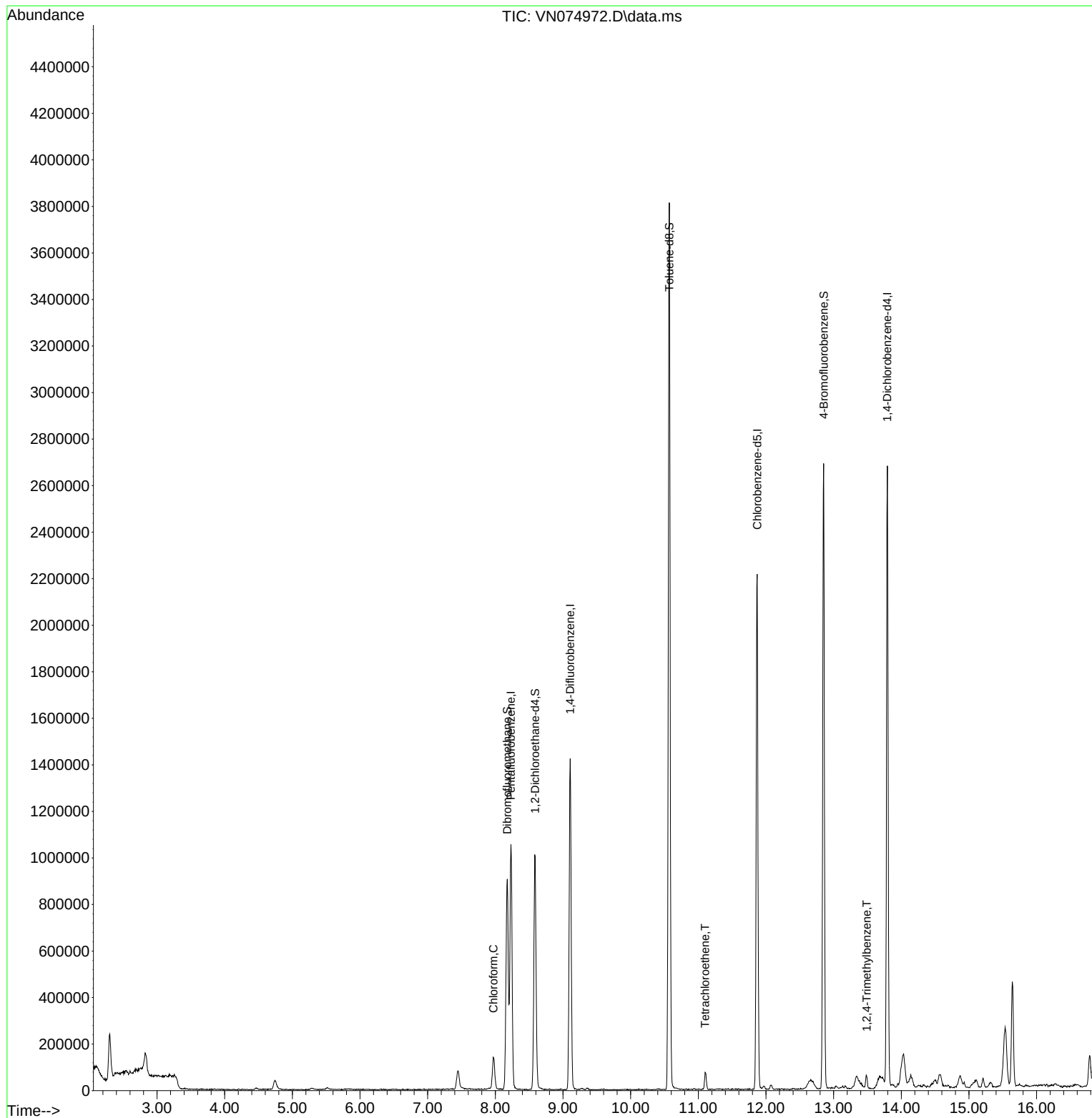
Internal Standards						
1) Pentafluorobenzene	8.229	168	744415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1245769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1259115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	687204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	832235	42.078	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.160%
35) Dibromofluoromethane	8.177	113	646765	43.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.240%
50) Toluene-d8	10.570	98	2650973	46.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.853	95	923258	46.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	126330	4.362	ug/l	95
64) Tetrachloroethene	11.100	164	17316	1.682	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.488	105	33338	0.681	ug/l	99

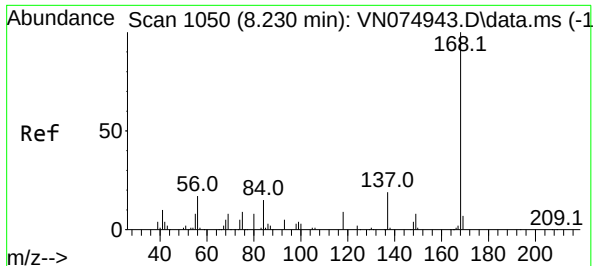
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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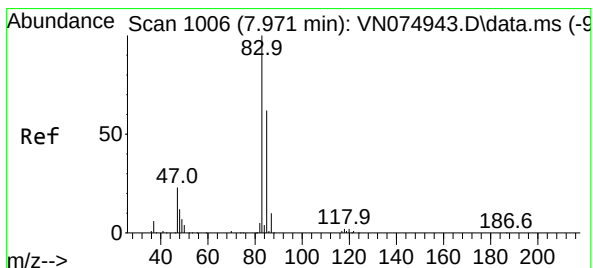
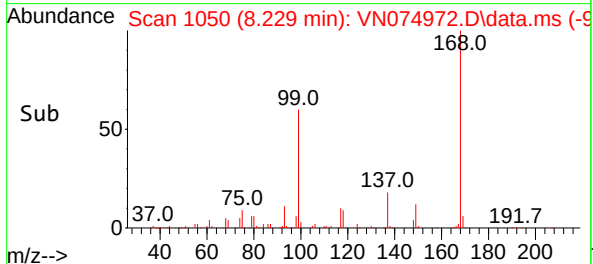
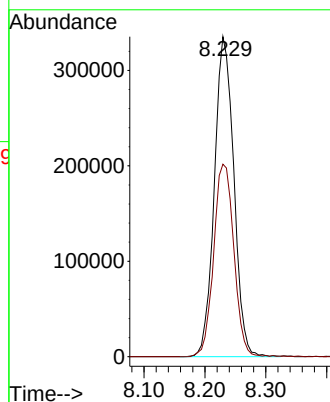
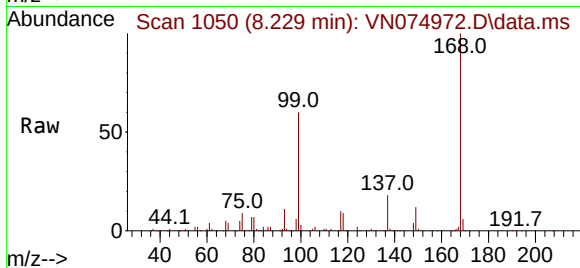




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

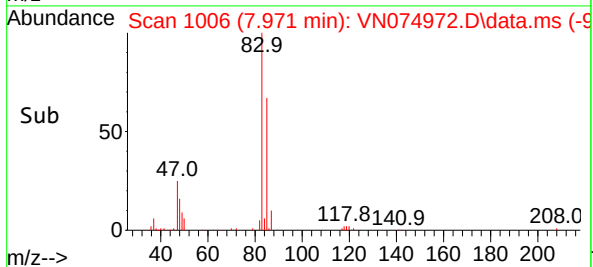
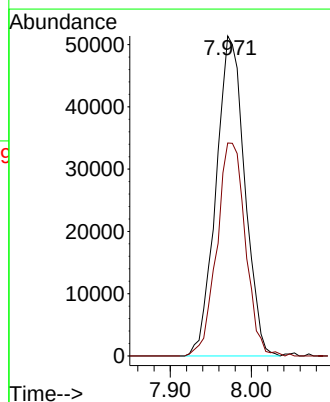
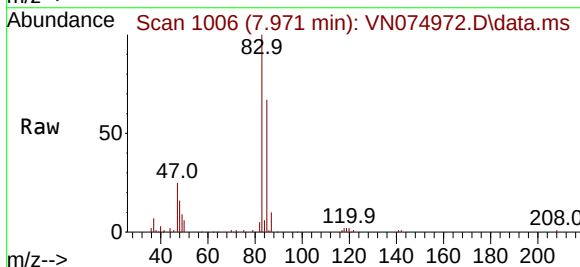
Instrument :
MSVOA_N
ClientSampleId :
MW-16D

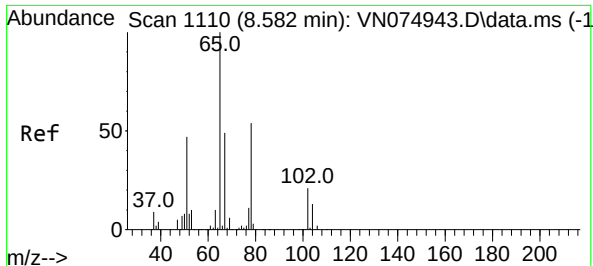
Tgt Ion:168 Resp: 744415
Ion Ratio Lower Upper
168 100
99 60.2 52.2 78.4



#30
Chloroform
Concen: 4.362 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 83 Resp: 126330
Ion Ratio Lower Upper
83 100
85 66.6 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 42.078 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN074972.D

Acq: 21 Oct 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

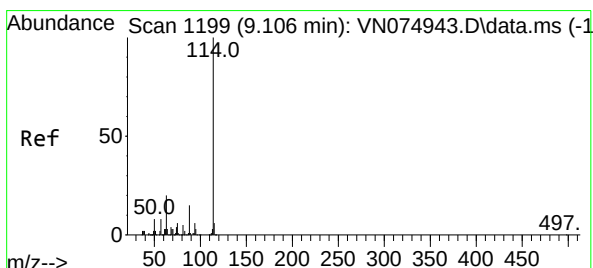
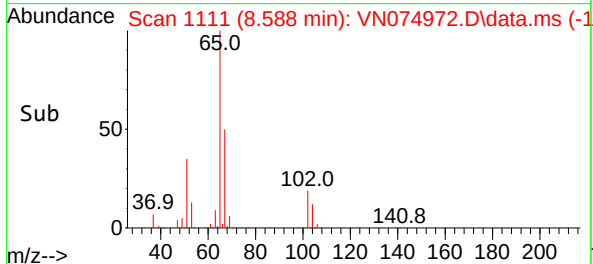
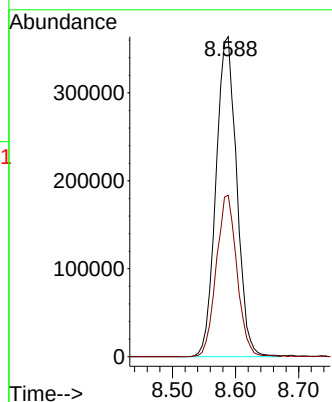
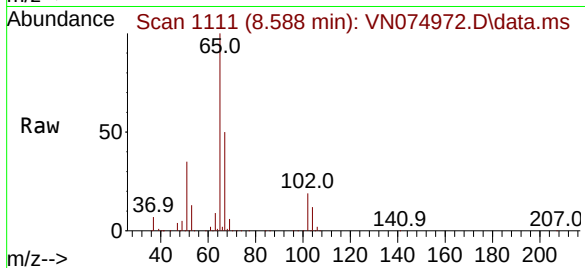
MW-16D

Tgt Ion: 65 Resp: 832235

Ion Ratio Lower Upper

65 100

67 50.3 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: VN074972.D

Acq: 21 Oct 2022 19:25

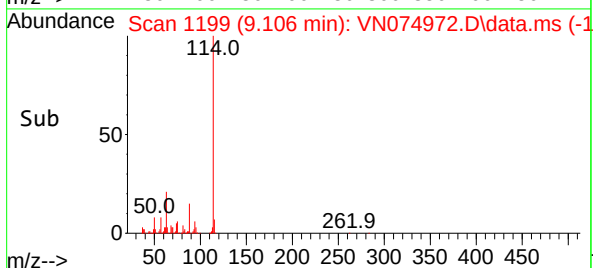
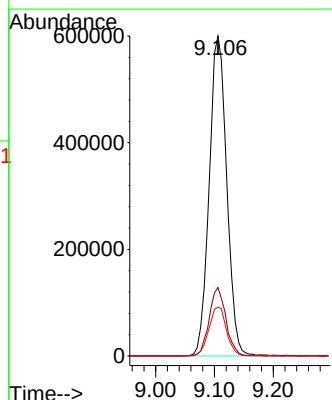
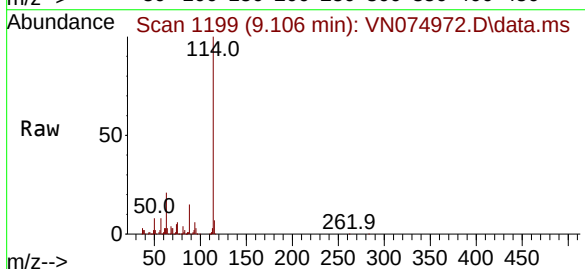
Tgt Ion: 114 Resp: 1245769

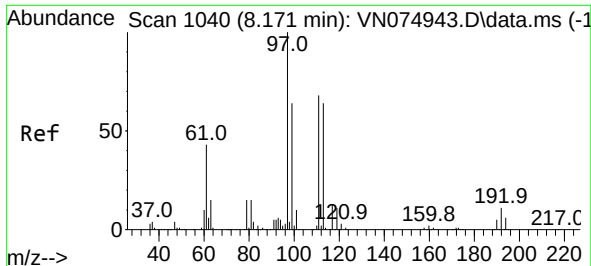
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

88 15.2 0.0 30.4

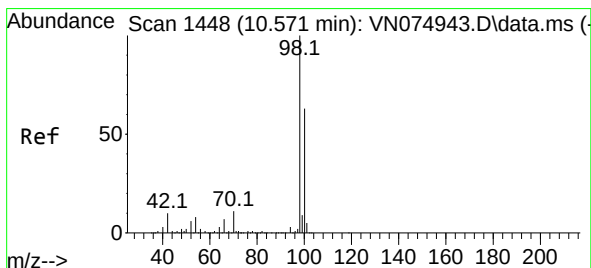
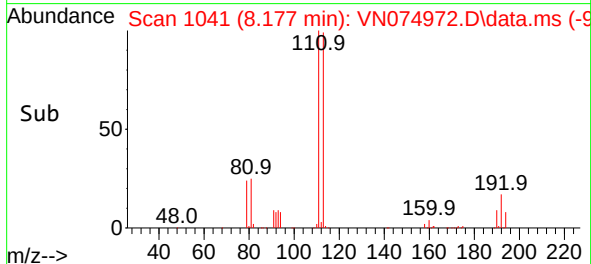
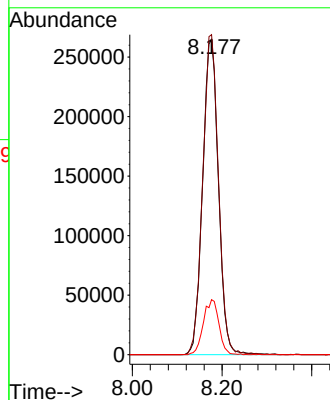
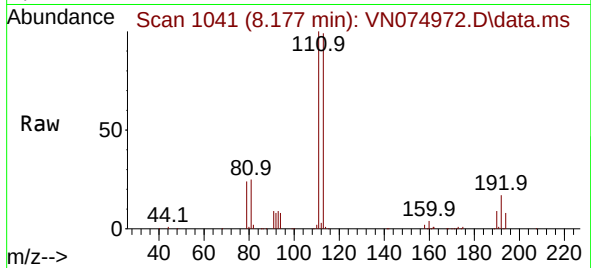




#35
Dibromofluoromethane
Concen: 43.618 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

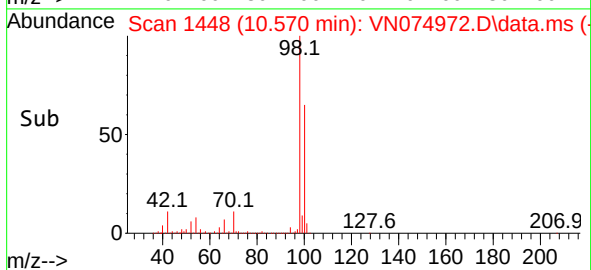
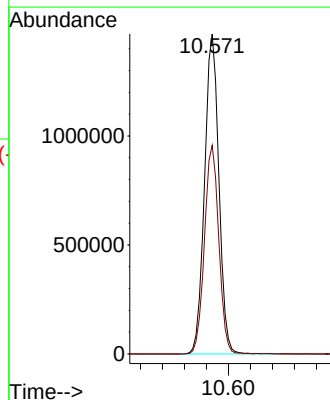
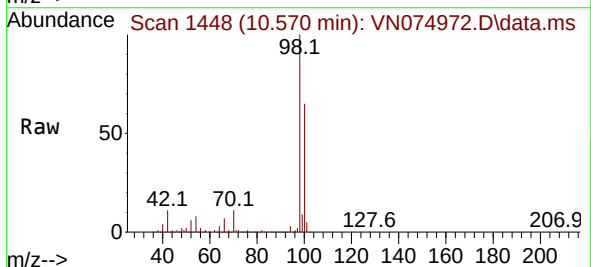
Instrument :
MSVOA_N
ClientSampleId :
MW-16D

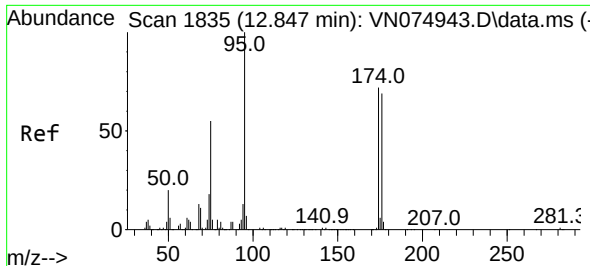
Tgt Ion:113 Resp: 646765
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.2
192 17.2 13.3 19.9



#50
Toluene-d8
Concen: 46.598 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 98 Resp: 2650973
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

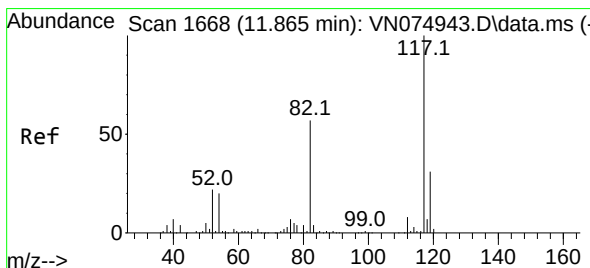
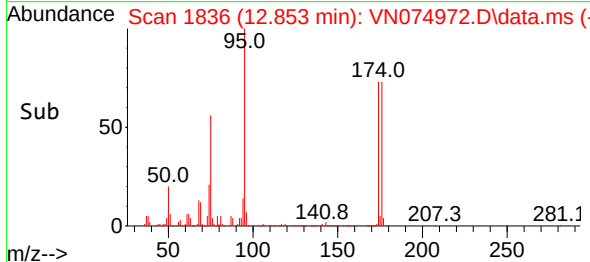
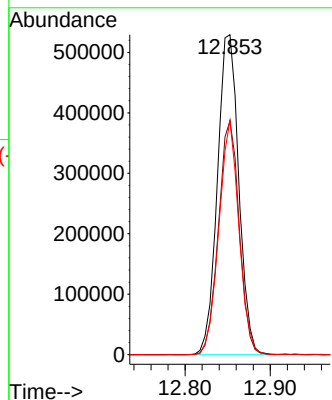
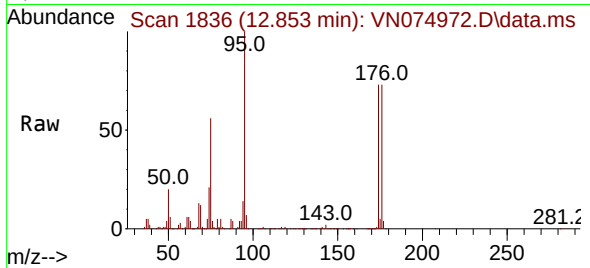




#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

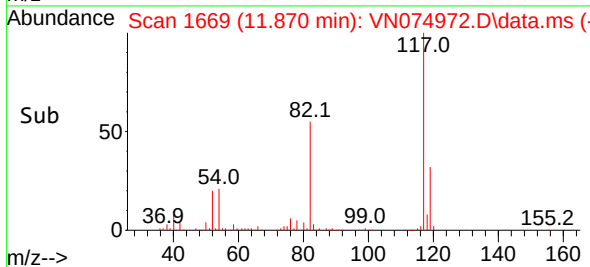
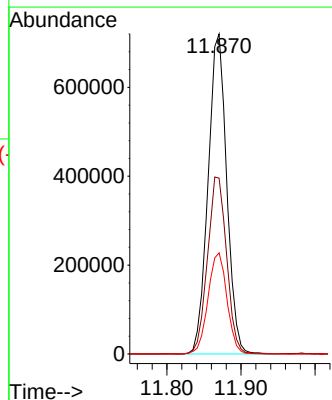
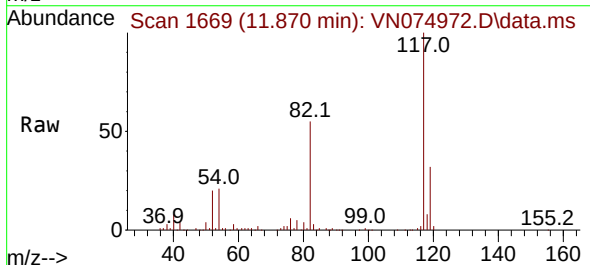
Instrument :
MSVOA_N
ClientSampleId :
MW-16D

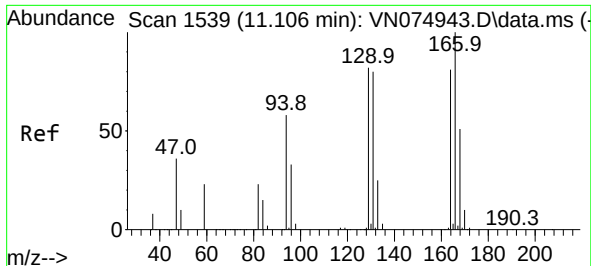
Tgt Ion: 95 Resp: 923258
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.0
176 68.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 117 Resp: 1259115
Ion Ratio Lower Upper
117 100
82 55.0 45.6 68.4
119 31.6 25.1 37.7

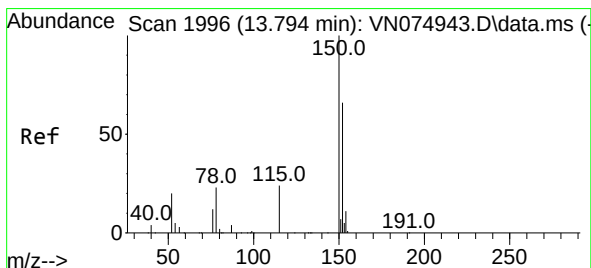
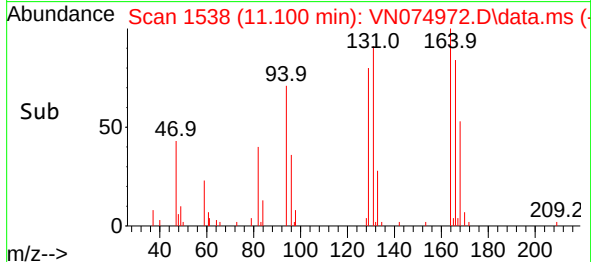
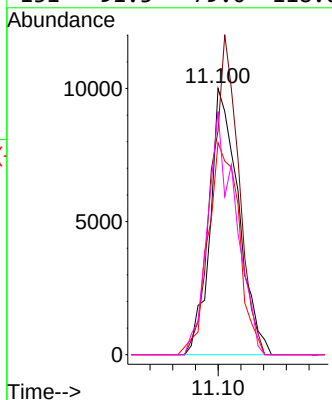
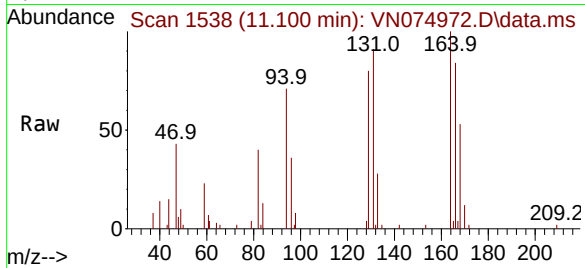




#64
Tetrachloroethene
Concen: 1.682 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

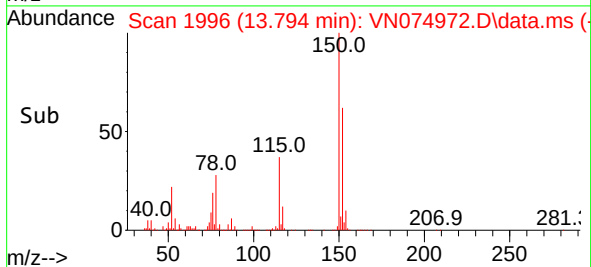
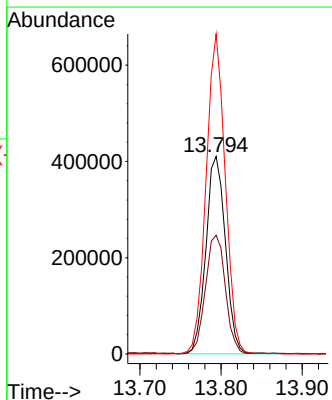
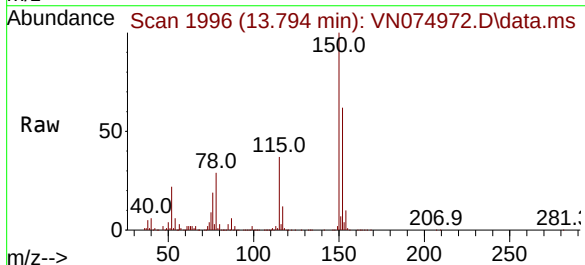
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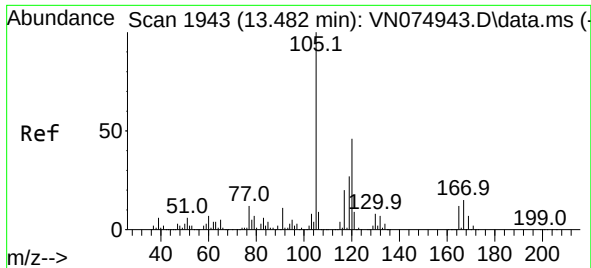
Tgt Ion:164	Resp:	17316
Ion Ratio	Lower	Upper
164	100	
166	84.1	98.6 148.0#
129	79.6	81.2 121.8#
131	91.3	79.0 118.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:152	Resp:	687204
Ion Ratio	Lower	Upper
152	100	
115	61.2	31.3 93.8
150	158.4	0.0 349.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.681 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN074972.D
 Acq: 21 Oct 2022 19:25

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16D

Tgt Ion:105 Resp: 33338
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5

