

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074960.D
 Acq On : 21 Oct 2022 14:35
 Operator : JC\MD
 Sample : N5222-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Oct 22 02:53:12 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)

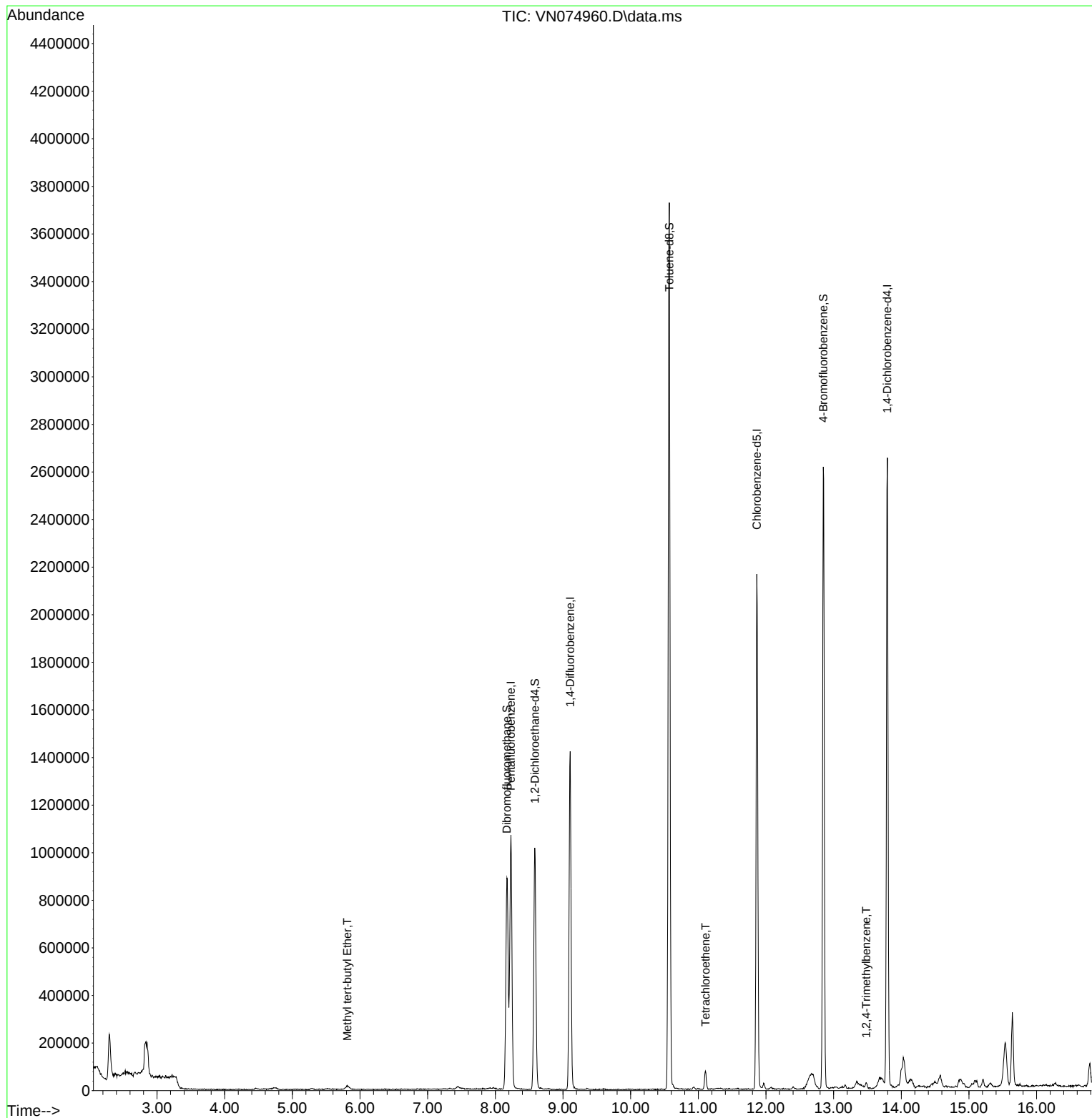
Internal Standards						
1) Pentafluorobenzene	8.230	168	732359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1233452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1243726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	678322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	804796	41.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.720%
35) Dibromofluoromethane	8.171	113	632659	43.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.180%
50) Toluene-d8	10.571	98	2606590	46.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.847	95	901281	45.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	16448	0.348	ug/l #	75
64) Tetrachloroethene	11.106	164	17080	1.679	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.482	105	14923	0.309	ug/l	98

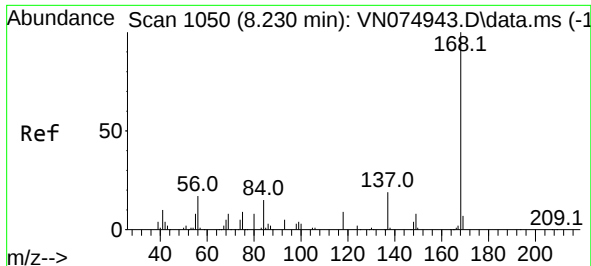
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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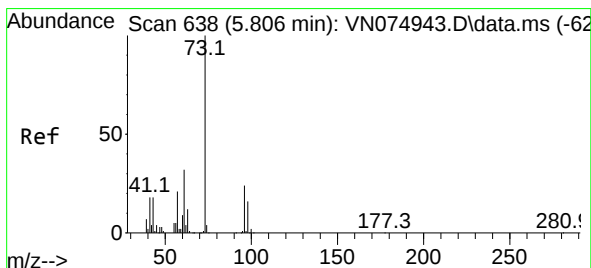
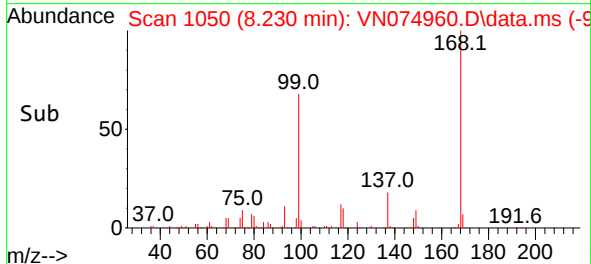
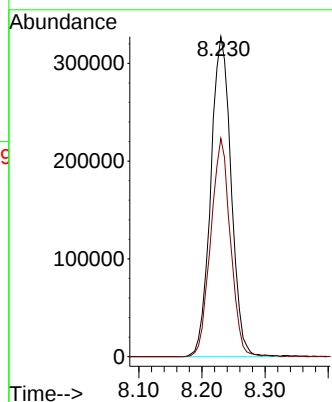
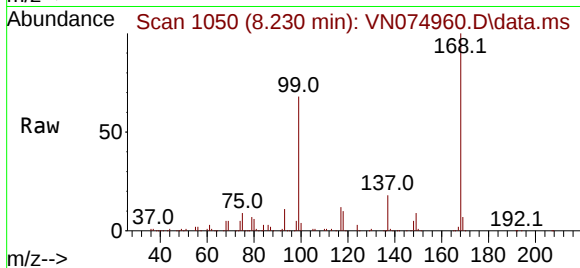




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

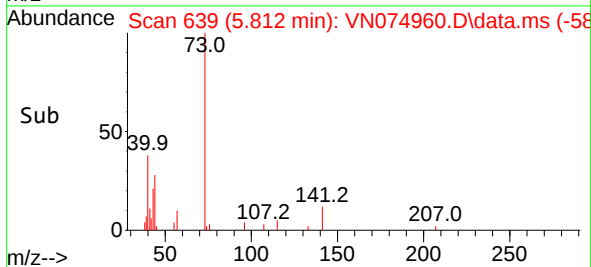
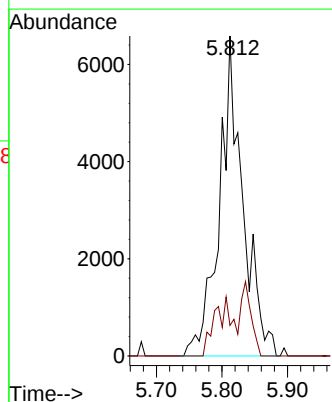
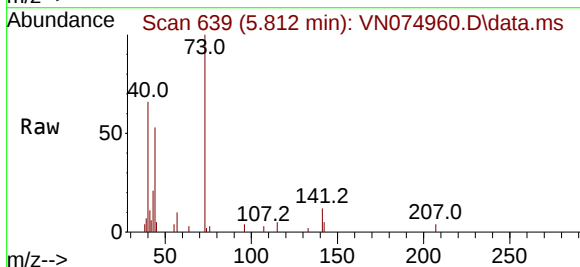
Instrument :
MSVOA_N
ClientSampleId :
MW-11

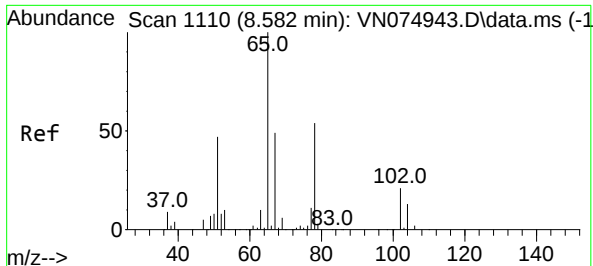
Tgt Ion:168 Resp: 732359
Ion Ratio Lower Upper
168 100
99 68.2 52.2 78.4



#19
Methyl tert-butyl Ether
Concen: 0.348 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

Tgt Ion: 73 Resp: 16448
Ion Ratio Lower Upper
73 100
57 9.6 16.9 25.3#





#33

1,2-Dichloroethane-d4

Concen: 41.360 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074960.D

Acq: 21 Oct 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

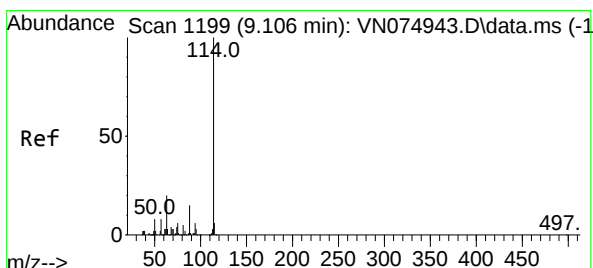
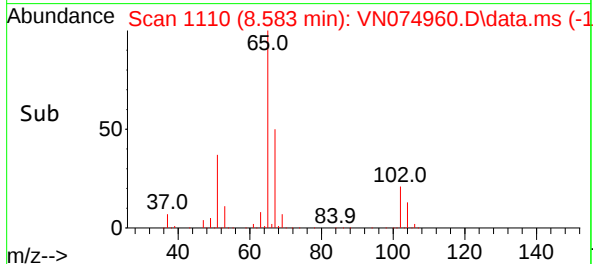
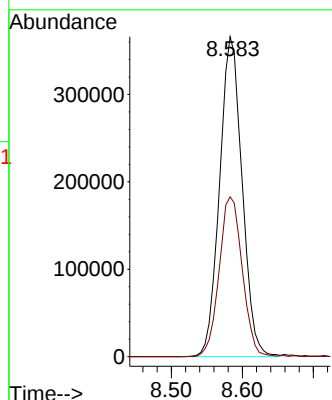
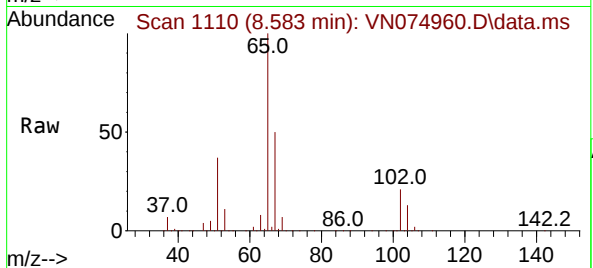
MW-11

Tgt Ion: 65 Resp: 804796

Ion Ratio Lower Upper

65 100

67 51.2 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: VN074960.D

Acq: 21 Oct 2022 14:35

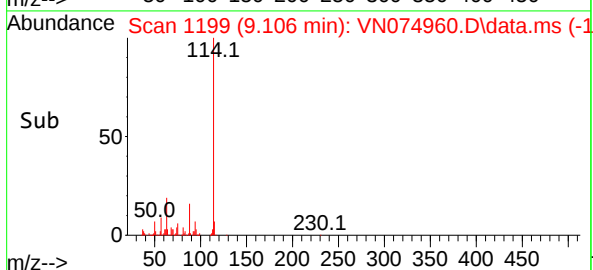
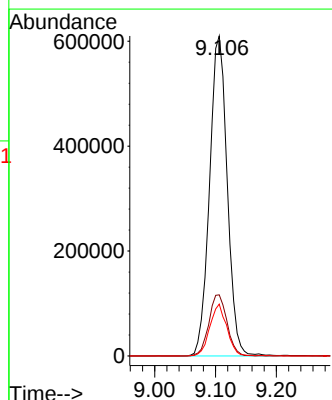
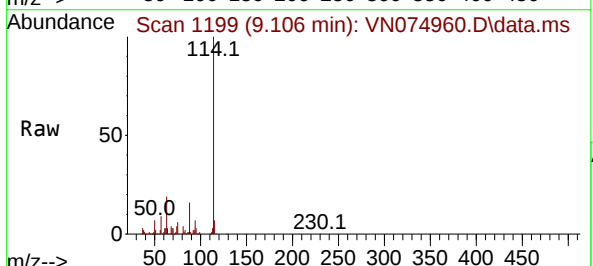
Tgt Ion: 114 Resp: 1233452

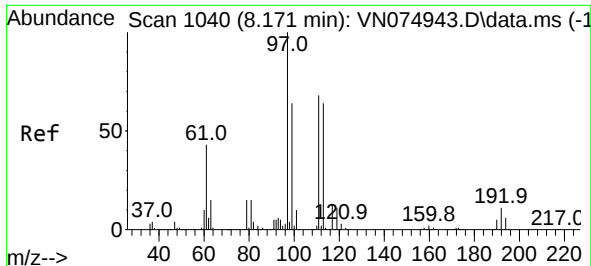
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.8

88 16.2 0.0 30.4

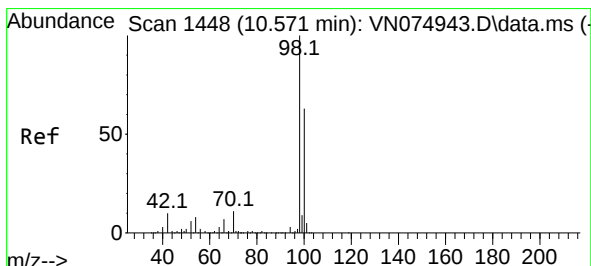
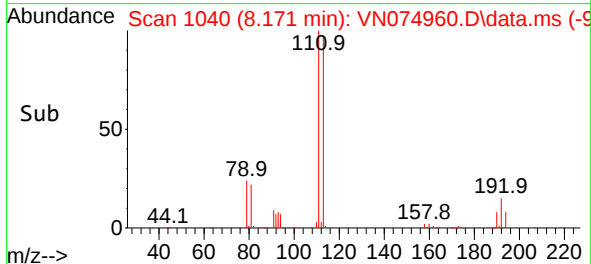
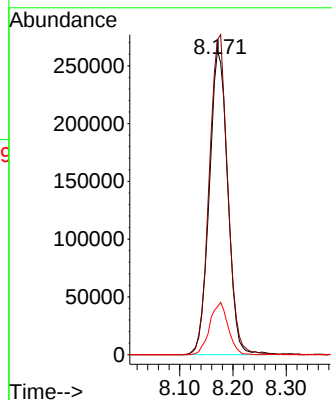
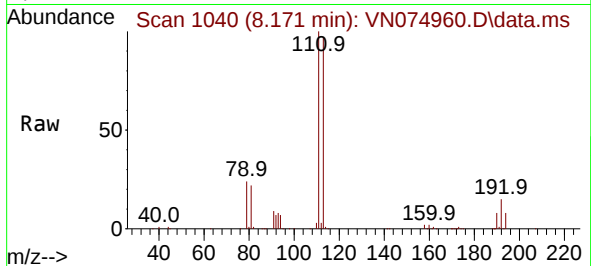




#35
Dibromofluoromethane
Concen: 43.093 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

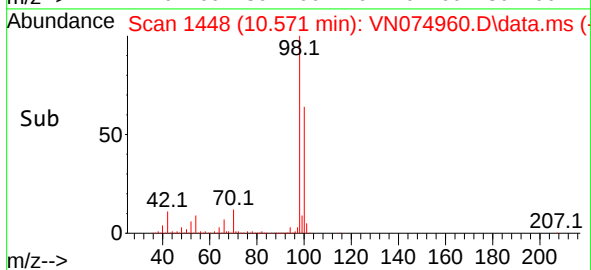
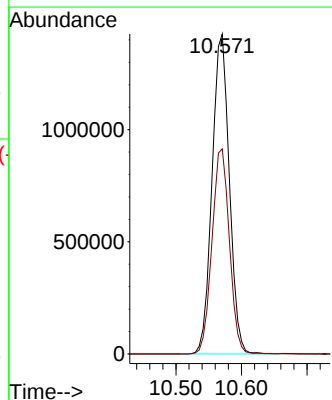
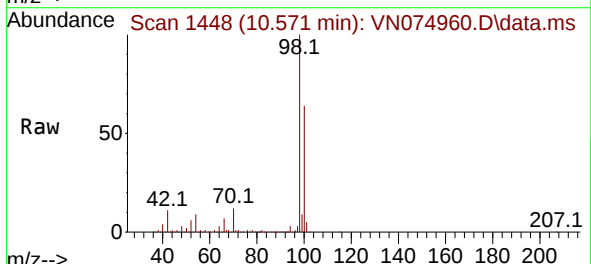
Instrument :
MSVOA_N
ClientSampleId :
MW-11

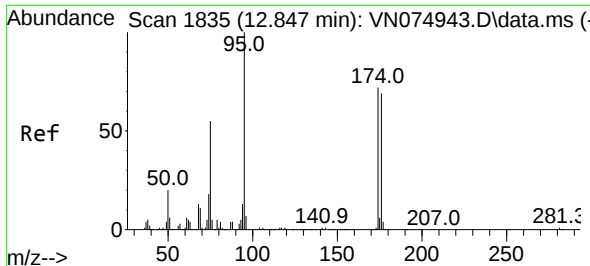
Tgt Ion:113 Resp: 632659
Ion Ratio Lower Upper
113 100
111 105.3 83.4 125.2
192 17.0 13.3 19.9



#50
Toluene-d8
Concen: 46.275 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

Tgt Ion: 98 Resp: 2606590
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

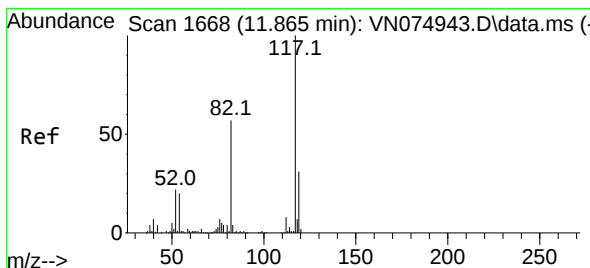
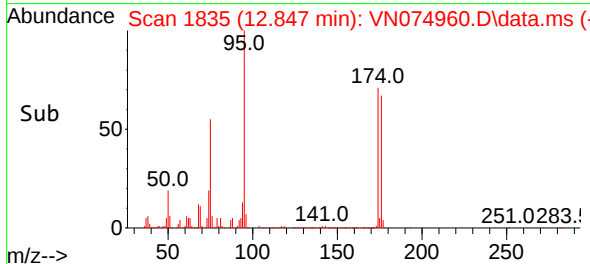
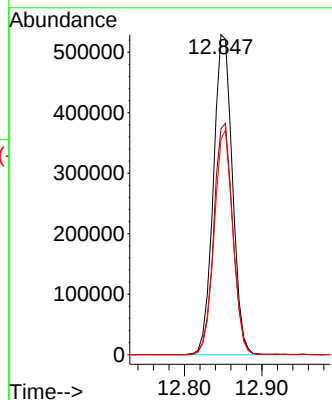
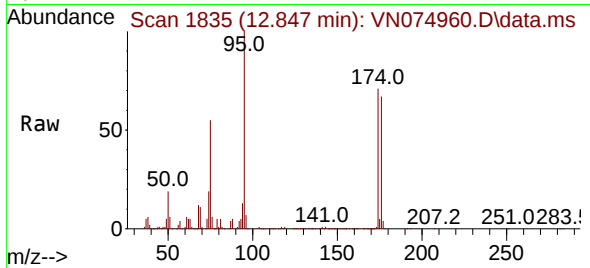




#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

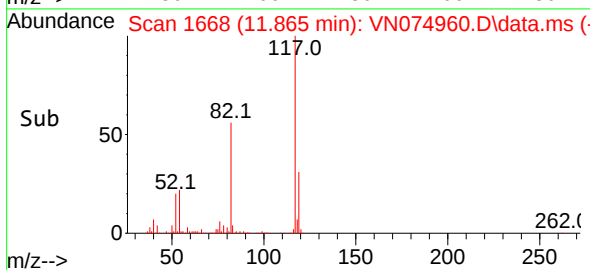
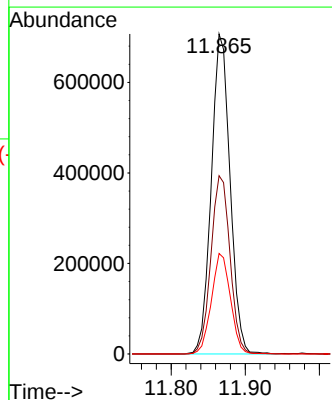
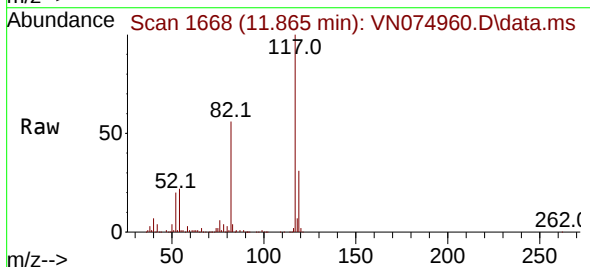
Instrument :
MSVOA_N
ClientSampleId :
MW-11

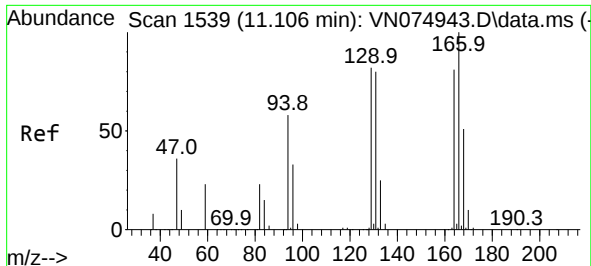
Tgt Ion: 95 Resp: 901281
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.0
176 68.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

Tgt Ion: 117 Resp: 1243726
Ion Ratio Lower Upper
117 100
82 55.7 45.6 68.4
119 31.4 25.1 37.7

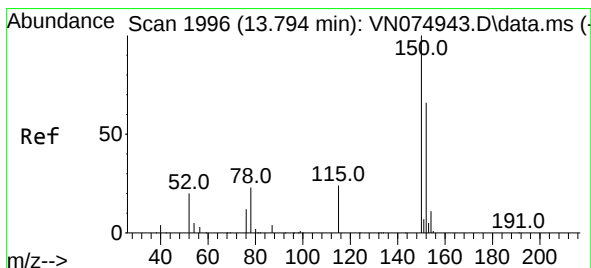
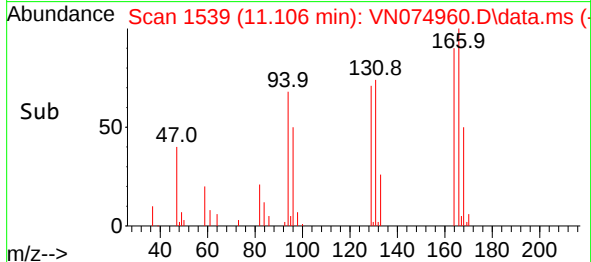
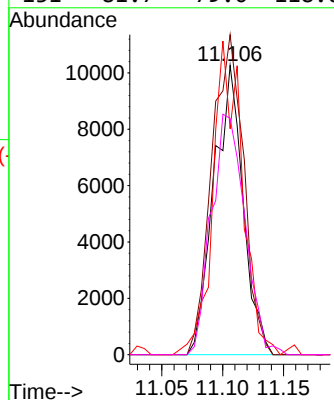
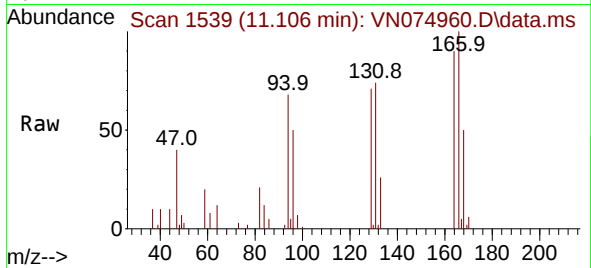




#64
Tetrachloroethene
Concen: 1.679 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

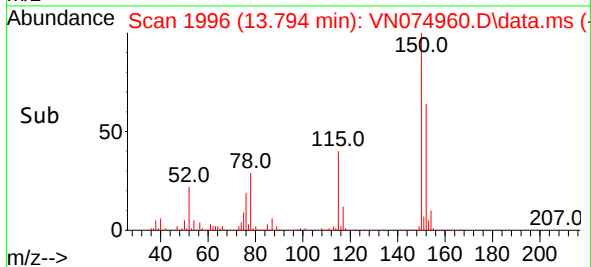
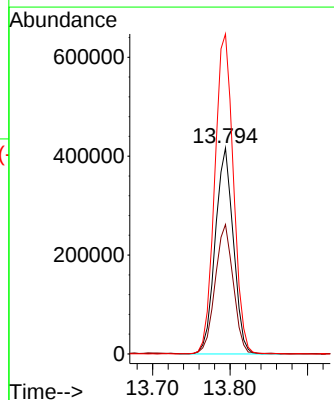
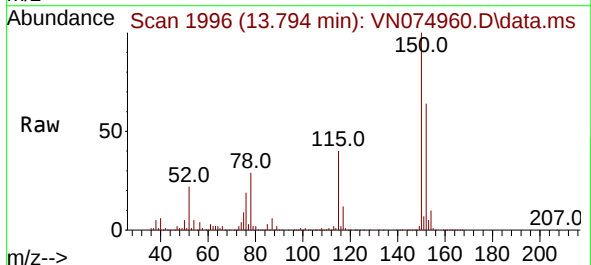
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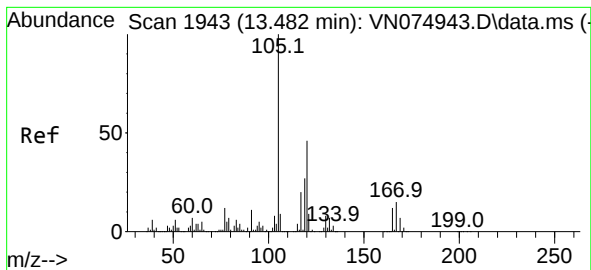
Tgt Ion:164 Resp: 17080
Ion Ratio Lower Upper
164 100
166 110.6 98.6 148.0
129 78.1 81.2 121.8#
131 81.7 79.0 118.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074960.D
Acq: 21 Oct 2022 14:35

Tgt Ion:152 Resp: 678322
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 160.1 0.0 349.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.309 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN074960.D
 Acq: 21 Oct 2022 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Tgt Ion:105 Resp: 14923
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.9 68.5

