

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074964.D
 Acq On : 21 Oct 2022 16:11
 Operator : JC\MD
 Sample : N5222-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Oct 22 02:54:20 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)

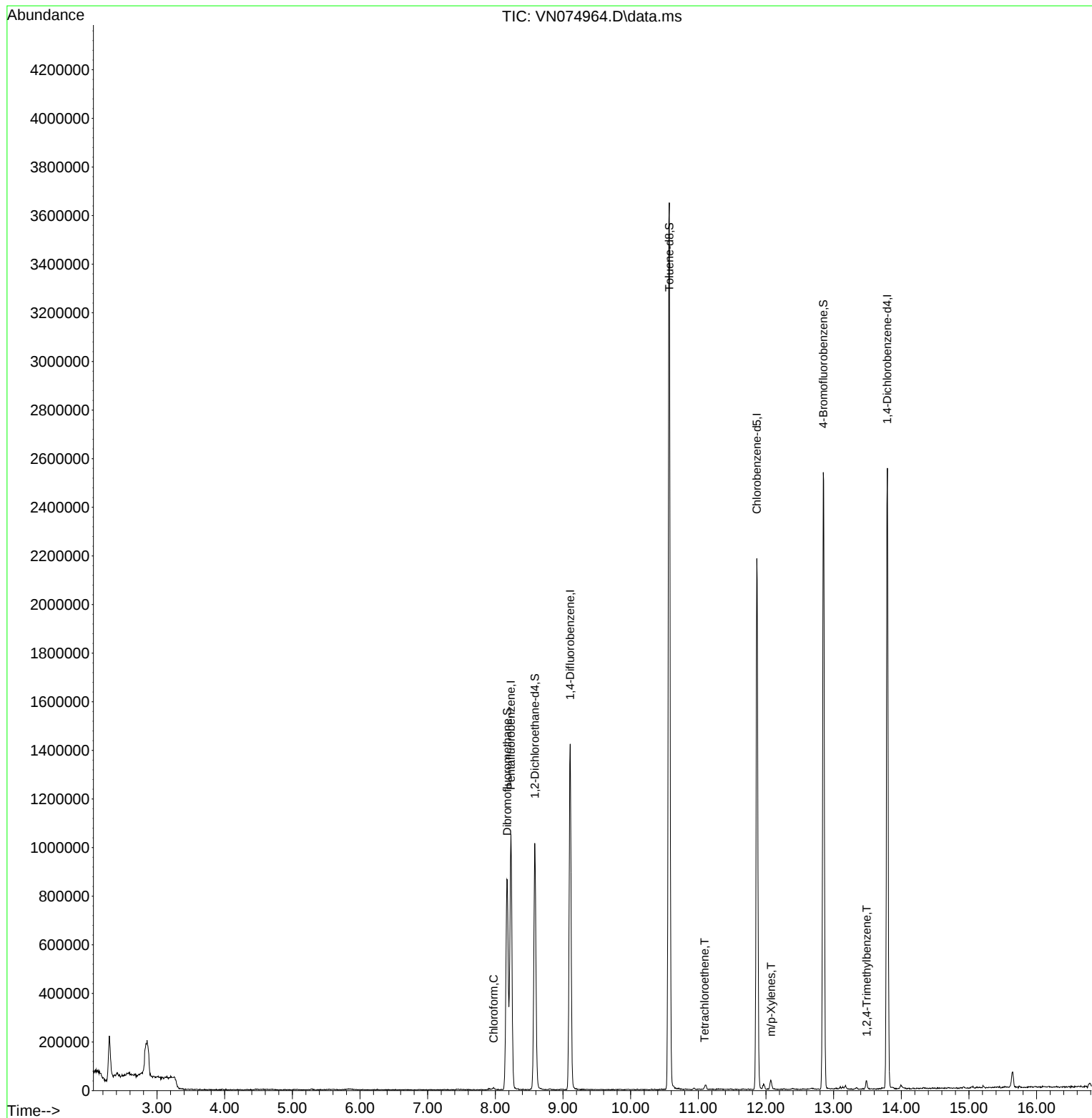
Internal Standards						
1) Pentafluorobenzene	8.230	168	716989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1232131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1251390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	667882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	795894	41.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.560%
35) Dibromofluoromethane	8.177	113	620779	42.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.660%
50) Toluene-d8	10.571	98	2566304	45.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.847	95	875818	44.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.260%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	7389	0.265	ug/l #	71
64) Tetrachloroethene	11.094	164	4176	0.408	ug/l #	48
68) m/p-Xylenes	12.076	106	12978	0.495	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	19567	0.411	ug/l	98

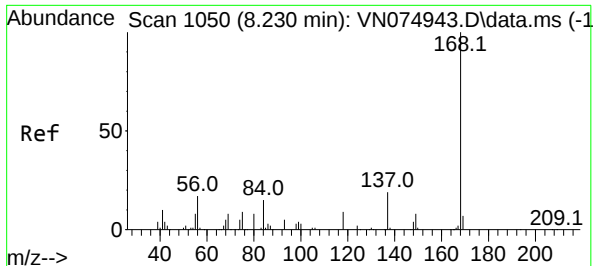
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

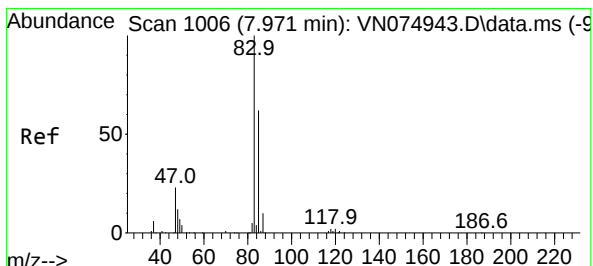
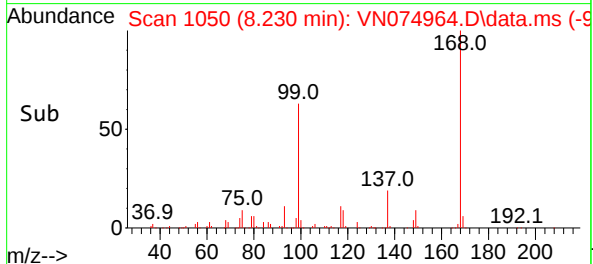
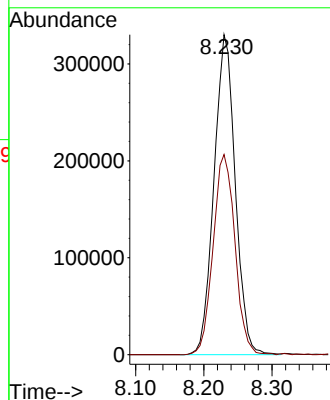
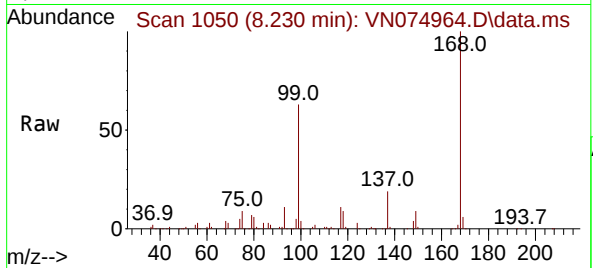




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

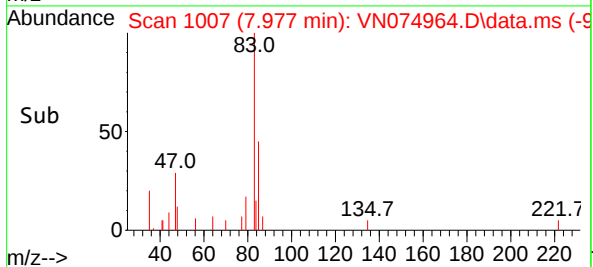
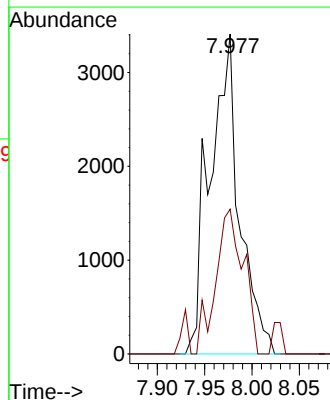
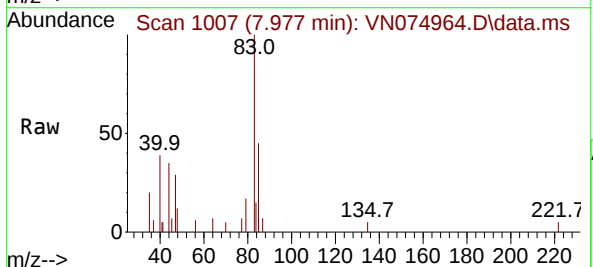
Instrument :
MSVOA_N
ClientSampleId :
MW-7

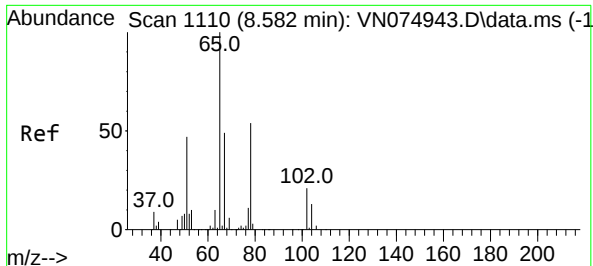
Tgt Ion:168 Resp: 716989
Ion Ratio Lower Upper
168 100
99 62.6 52.2 78.4



#30
Chloroform
Concen: 0.265 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

Tgt Ion: 83 Resp: 7389
Ion Ratio Lower Upper
83 100
85 40.4 49.9 74.9#





#33

1,2-Dichloroethane-d4

Concen: 41.780 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074964.D

Acq: 21 Oct 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

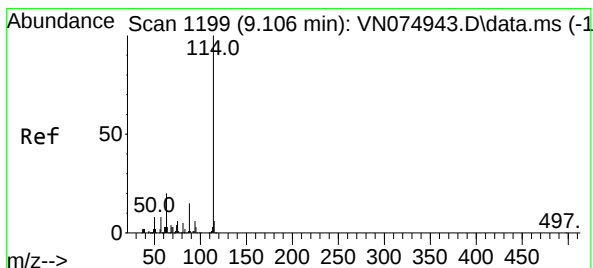
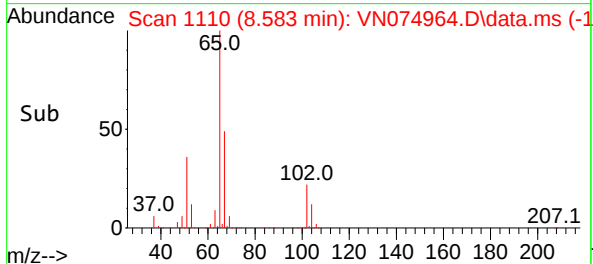
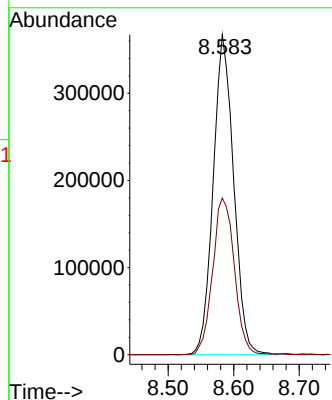
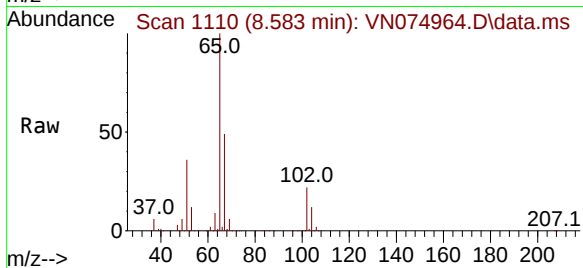
MW-7

Tgt Ion: 65 Resp: 795894

Ion Ratio Lower Upper

65 100

67 51.9 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: VN074964.D

Acq: 21 Oct 2022 16:11

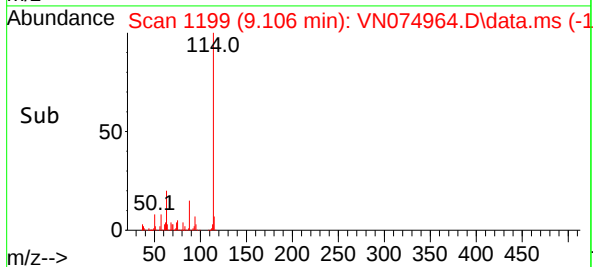
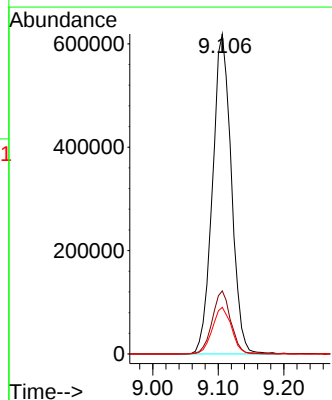
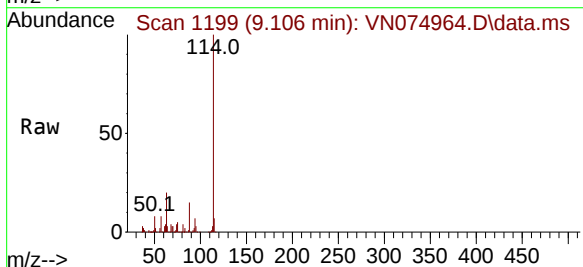
Tgt Ion: 114 Resp: 1232131

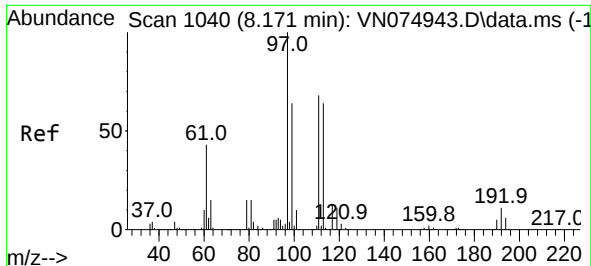
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.329 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074964.D

Acq: 21 Oct 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

MW-7

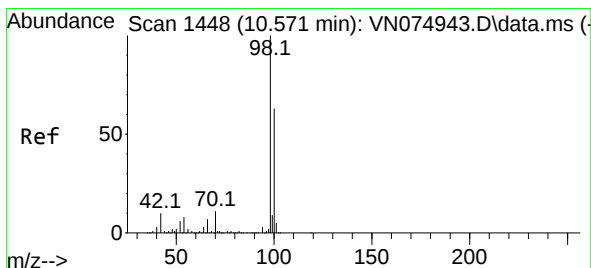
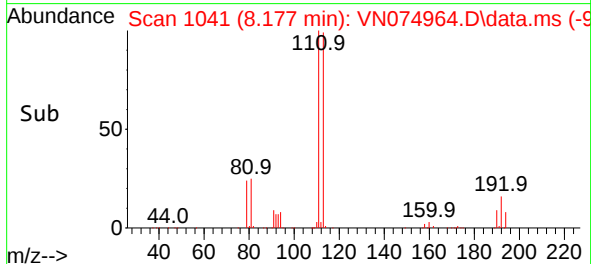
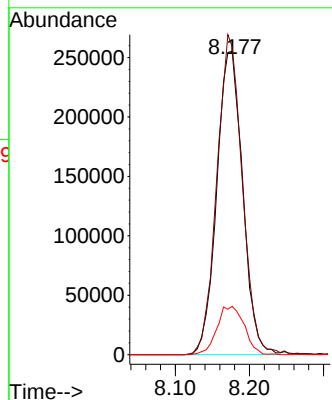
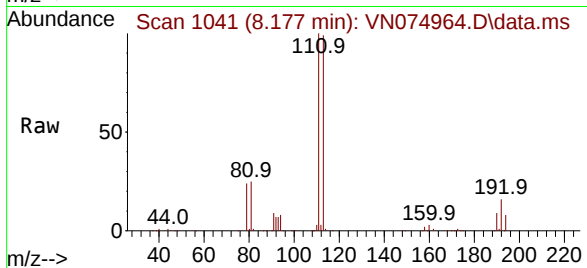
Tgt Ion:113 Resp: 620779

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 16.8 13.3 19.9



#50

Toluene-d8

Concen: 45.609 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074964.D

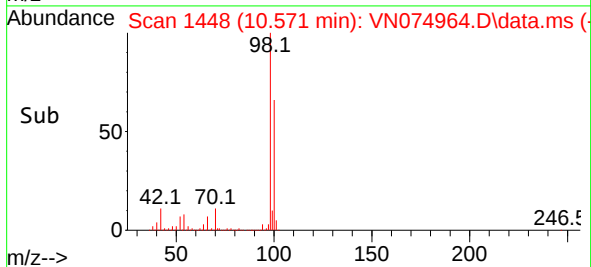
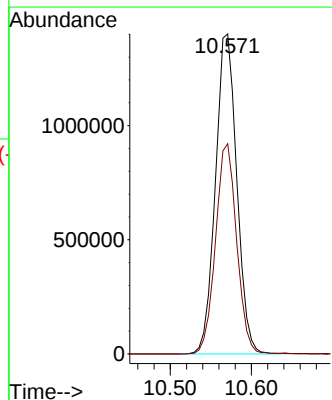
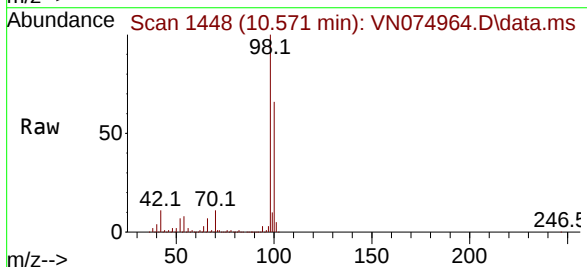
Acq: 21 Oct 2022 16:11

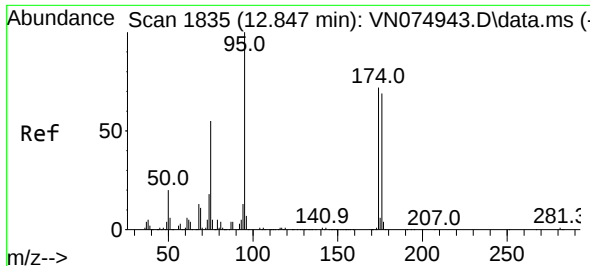
Tgt Ion: 98 Resp: 2566304

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2

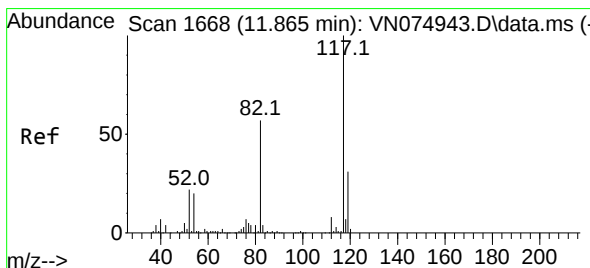
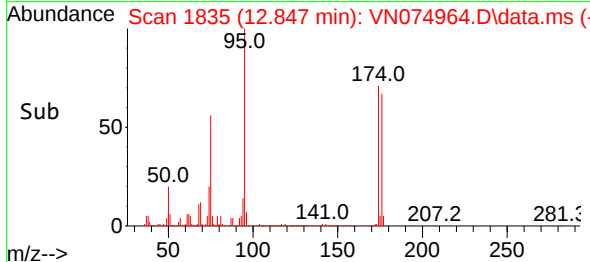
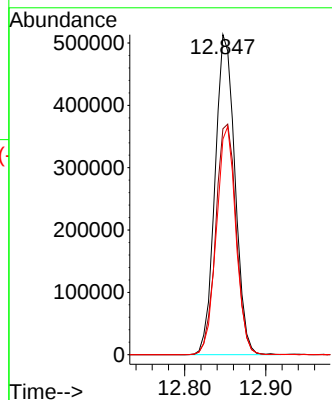
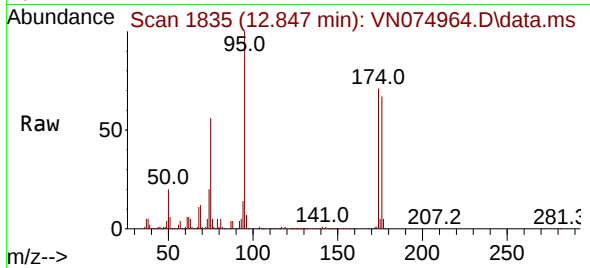




#62
4-Bromofluorobenzene
Concen: 44.126 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

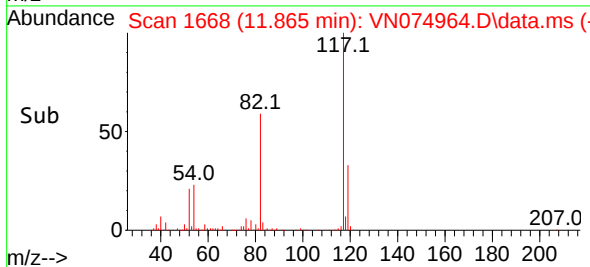
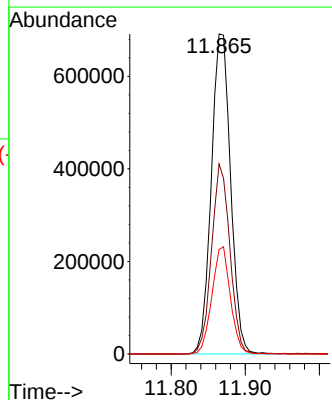
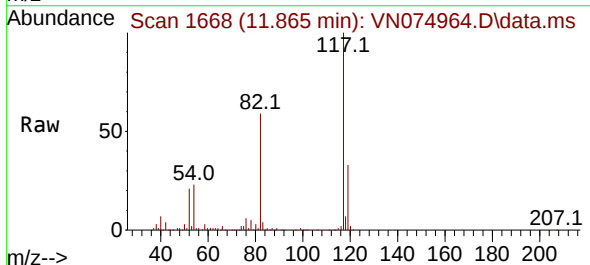
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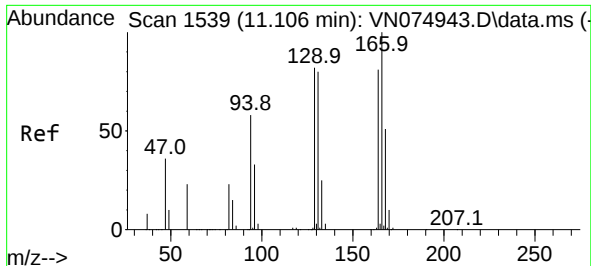
Tgt Ion: 95 Resp: 875818
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.0
176 69.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

Tgt Ion: 117 Resp: 1251390
Ion Ratio Lower Upper
117 100
82 59.4 45.6 68.4
119 32.6 25.1 37.7

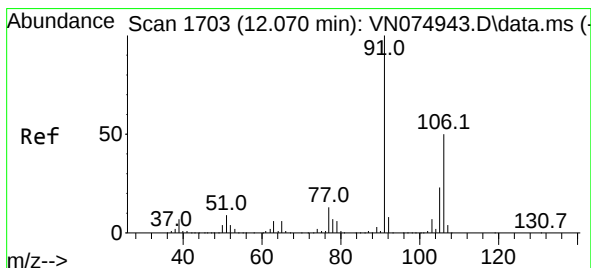
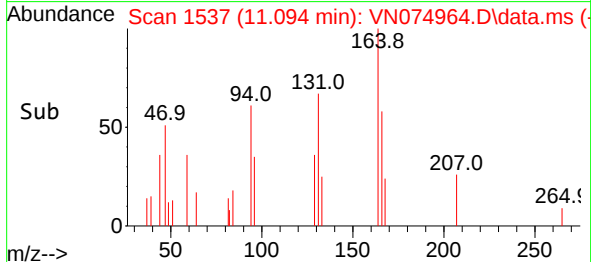
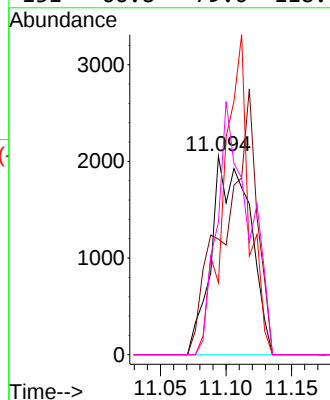
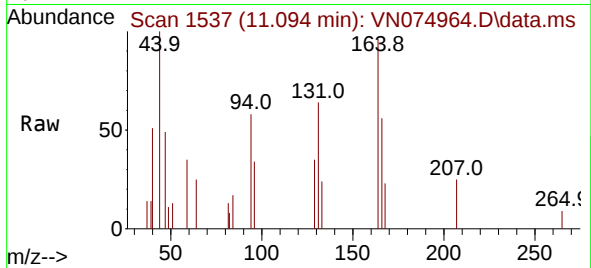




#64
Tetrachloroethene
Concen: 0.408 ug/l
RT: 11.094 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

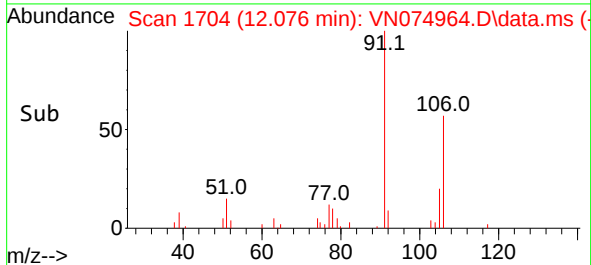
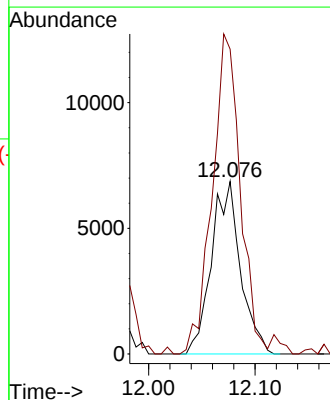
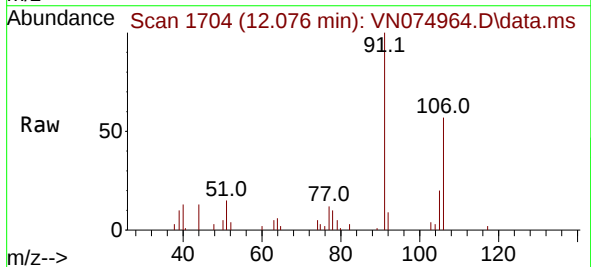
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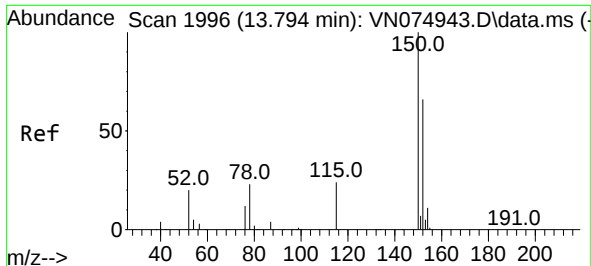
Tgt Ion:164 Resp: 4176
Ion Ratio Lower Upper
164 100
166 58.2 98.6 148.0#
129 36.2 81.2 121.8#
131 66.8 79.0 118.6#



#68
m/p-Xylenes
Concen: 0.495 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074964.D
Acq: 21 Oct 2022 16:11

Tgt Ion:106 Resp: 12978
Ion Ratio Lower Upper
106 100
91 178.4 159.7 239.5

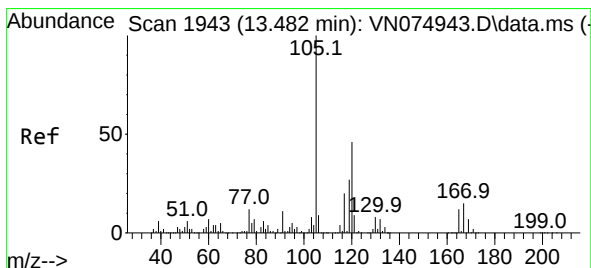
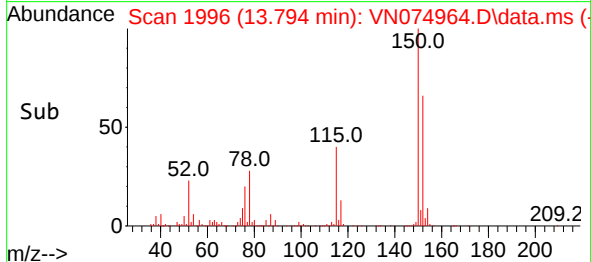
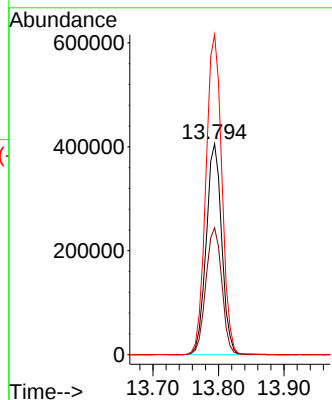
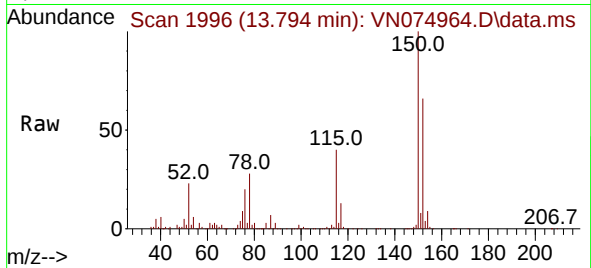




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN074964.D
 Acq: 21 Oct 2022 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tgt Ion:152 Resp: 667882
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.3 93.8
 150 156.1 0.0 349.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.411 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN074964.D
 Acq: 21 Oct 2022 16:11

Tgt Ion:105 Resp: 19567
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.9 68.5

