

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074146.D
 Acq On : 26 Aug 2022 19:28
 Operator : JC\MD
 Sample : N4297-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20220820

Quant Time: Aug 27 00:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

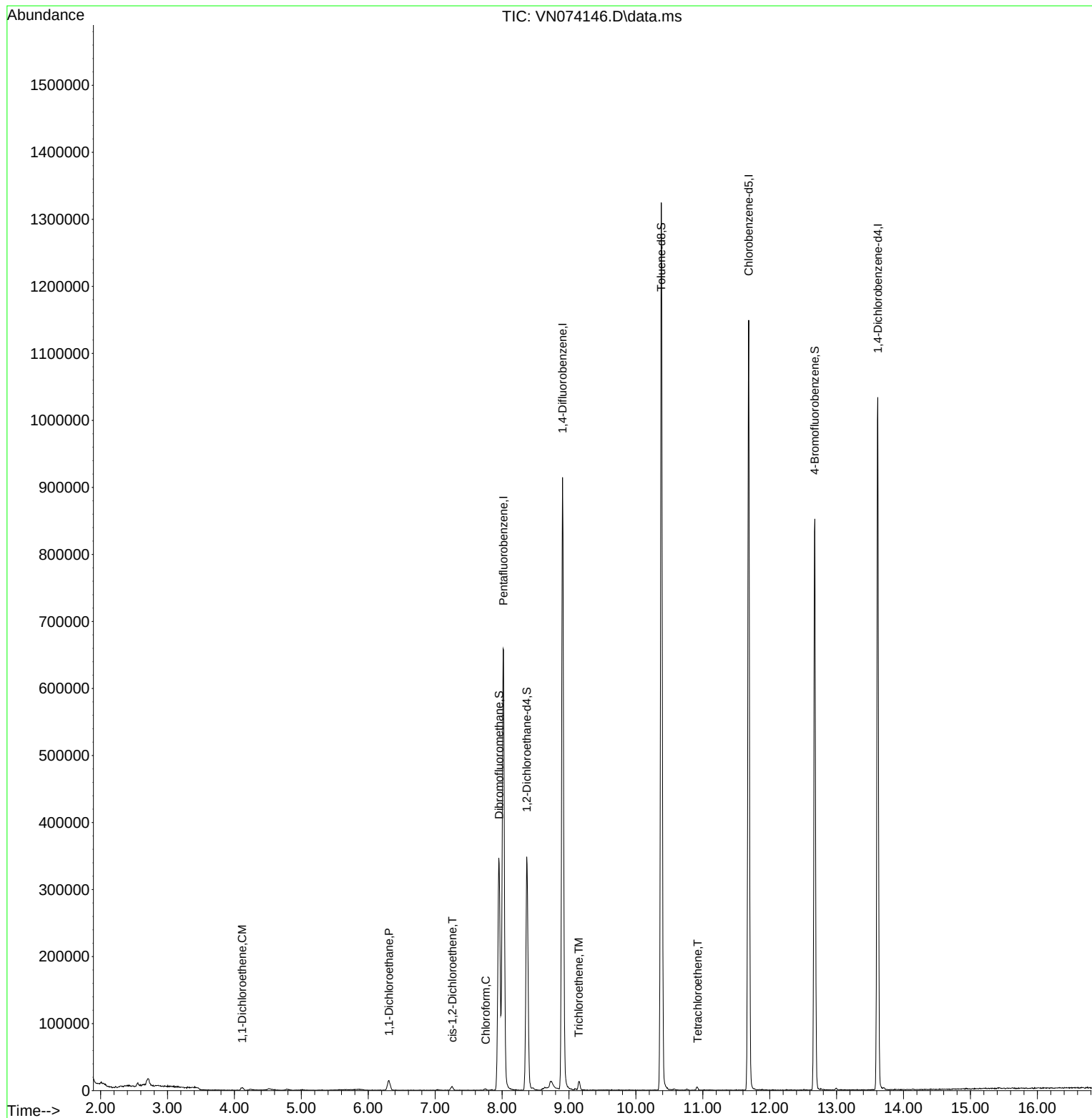
Internal Standards						
1) Pentafluorobenzene	8.022	168	545013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	832562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	695261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	296891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	289797	54.592	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.180%		
35) Dibromofluoromethane	7.957	113	254451	51.679	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.360%		
50) Toluene-d8	10.380	98	940985	49.346	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.700%		
62) 4-Bromofluorobenzene	12.674	95	282661	44.664	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.320%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.116	96	2431	0.565	ug/l #	71
24) 1,1-Dichloroethane	6.310	63	21663	2.577	ug/l	96
27) cis-1,2-Dichloroethene	7.257	96	3657	0.625	ug/l	84
30) Chloroform	7.757	83	2074	0.221	ug/l	90
44) Trichloroethene	9.145	130	5186	0.832	ug/l	86
64) Tetrachloroethene	10.922	164	1214	0.221	ug/l #	81

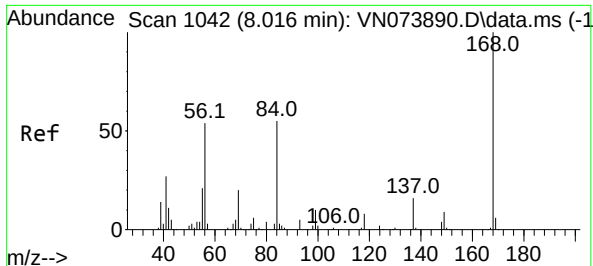
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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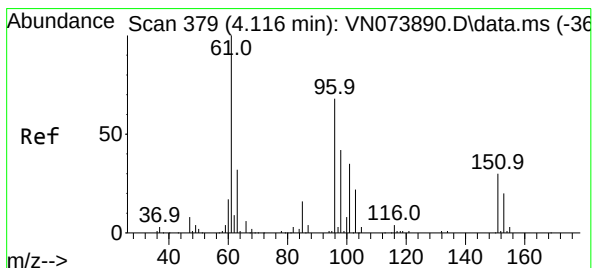
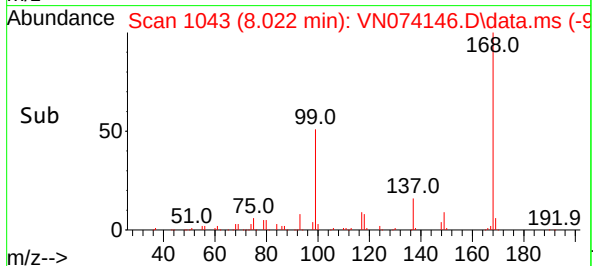
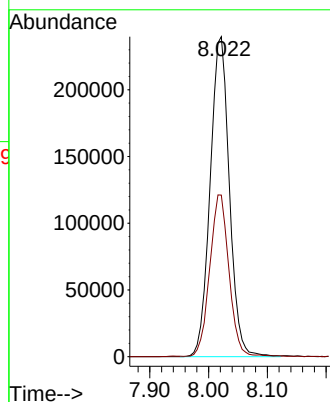
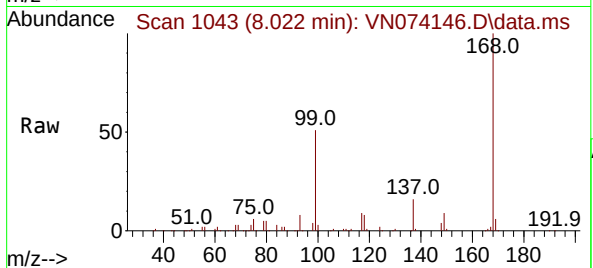




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

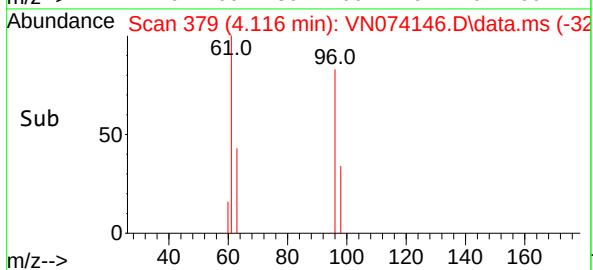
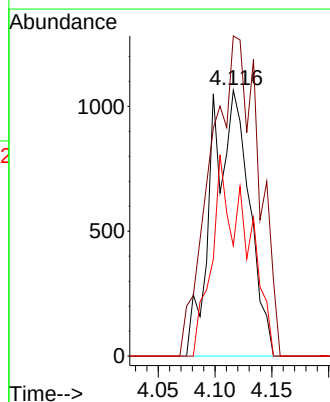
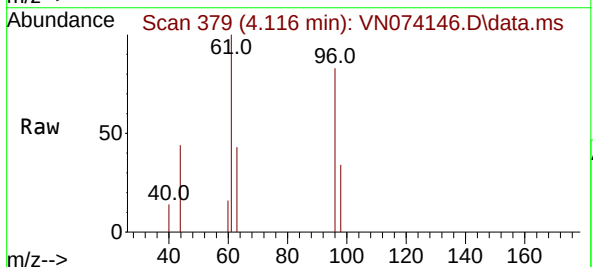
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20220820

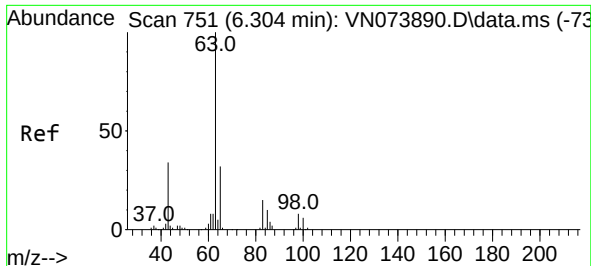
Tgt Ion:168 Resp: 545013
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#12
1,1-Dichloroethene
Concen: 0.565 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 96 Resp: 2431
Ion Ratio Lower Upper
96 100
61 120.4 127.6 191.4#
98 41.5 51.2 76.8#

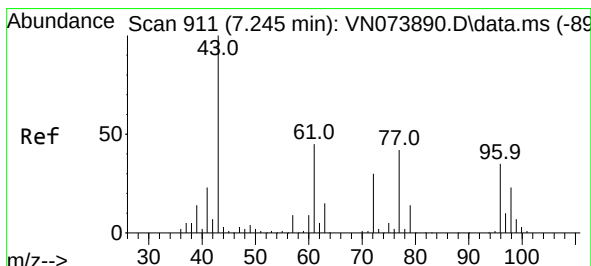
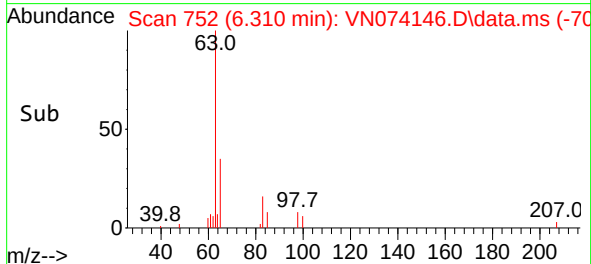
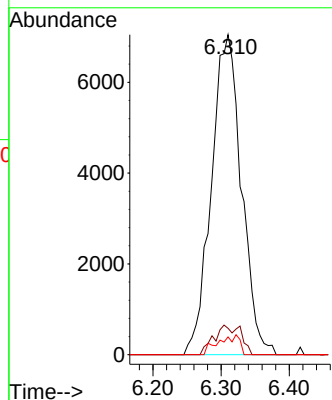
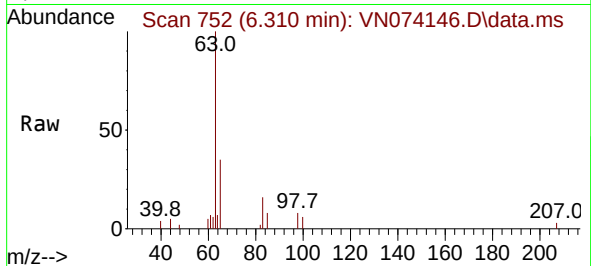




#24
 1,1-Dichloroethane
 Concen: 2.577 ug/l
 RT: 6.310 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

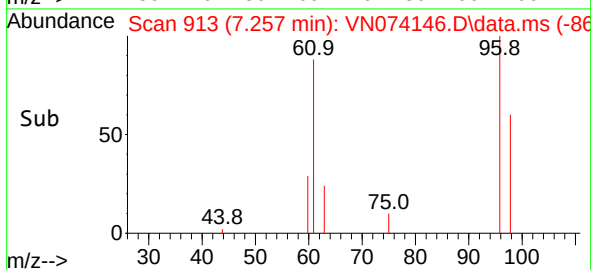
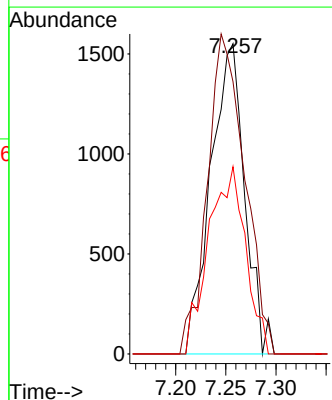
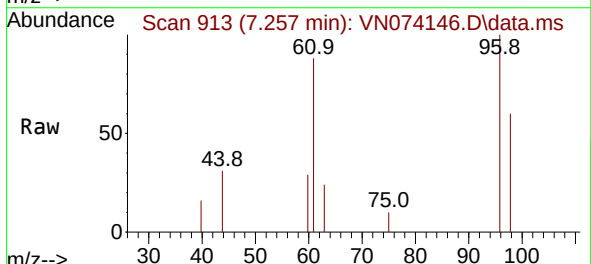
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 MW203D2-20220820

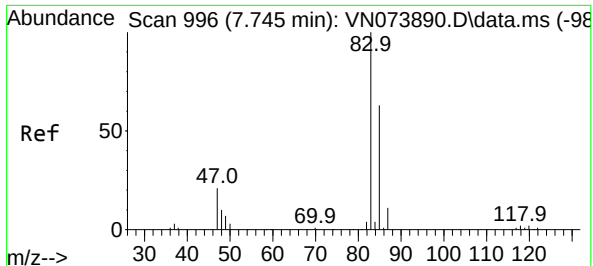
Tgt Ion: 63 Resp: 21663
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 5.5 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 0.625 ug/l
 RT: 7.257 min Scan# 913
 Delta R.T. 0.006 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

Tgt Ion: 96 Resp: 3657
 Ion Ratio Lower Upper
 96 100
 61 112.8 0.0 280.6
 98 65.6 0.0 128.4





#30

Chloroform

Concen: 0.221 ug/l

RT: 7.757 min Scan# 996

Delta R.T. 0.012 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

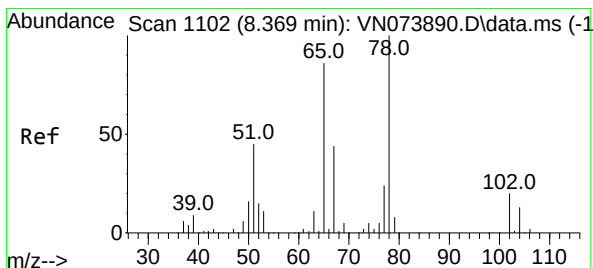
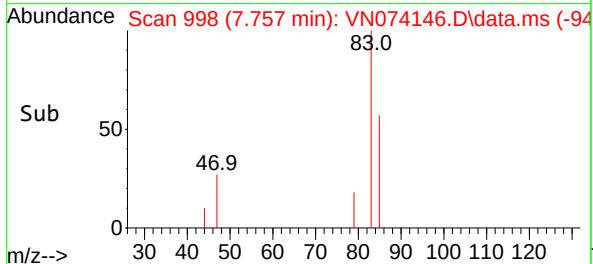
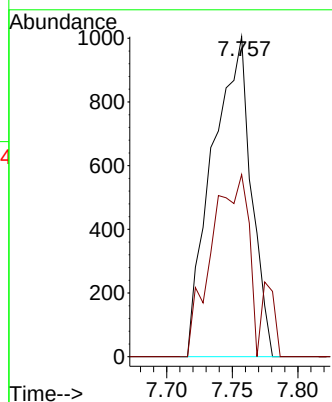
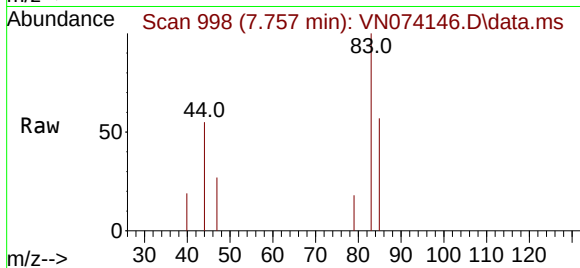
MW203D2-20220820

Tgt Ion: 83 Resp: 2074

Ion Ratio Lower Upper

83 100

85 56.9 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 54.592 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074146.D

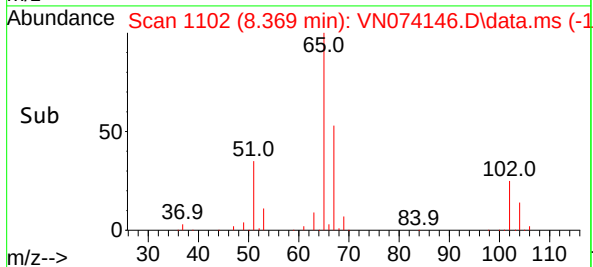
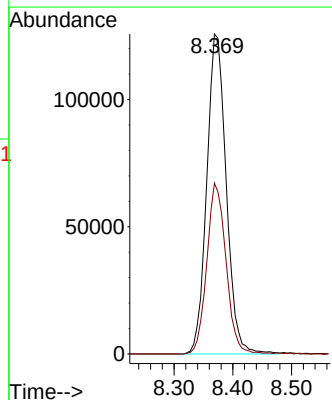
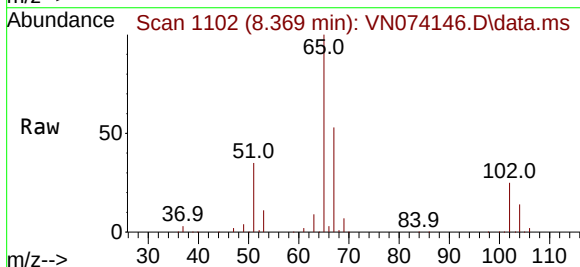
Acq: 26 Aug 2022 19:28

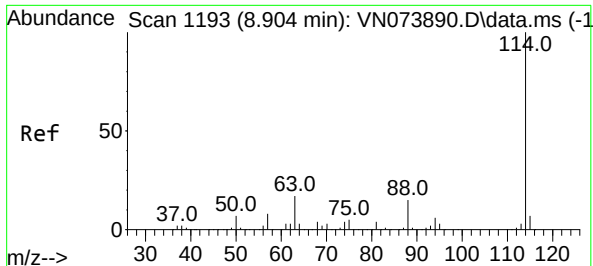
Tgt Ion: 65 Resp: 289797

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20220820

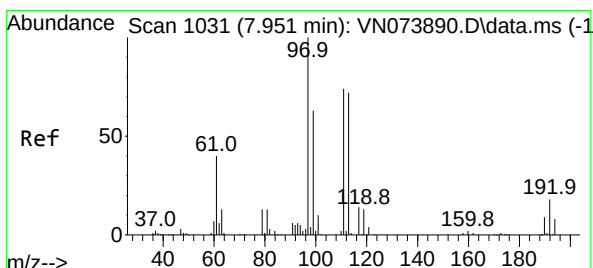
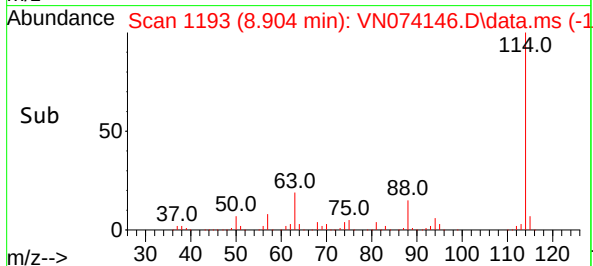
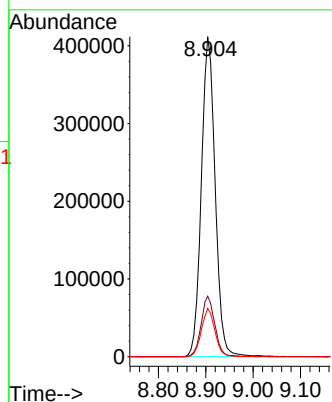
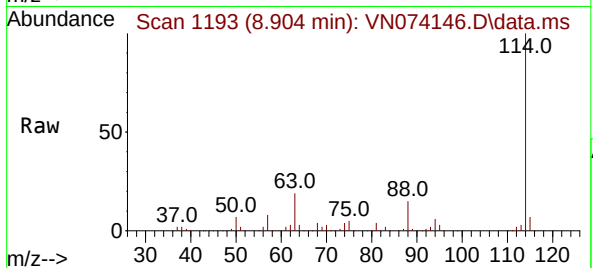
Tgt Ion:114 Resp: 832562

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.679 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074146.D

Acq: 26 Aug 2022 19:28

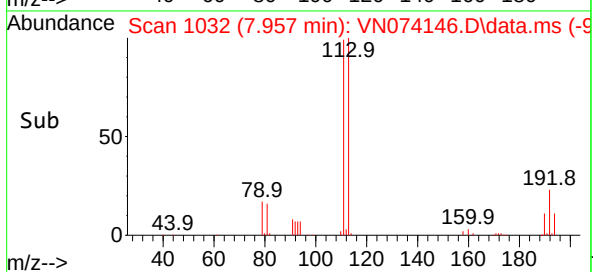
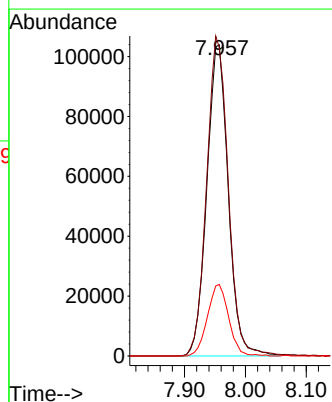
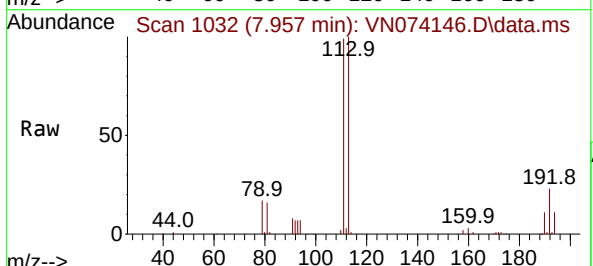
Tgt Ion:113 Resp: 254451

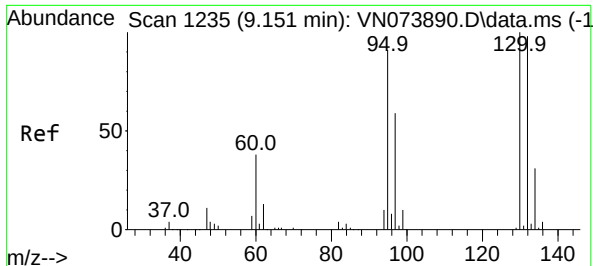
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.7 17.0 25.6

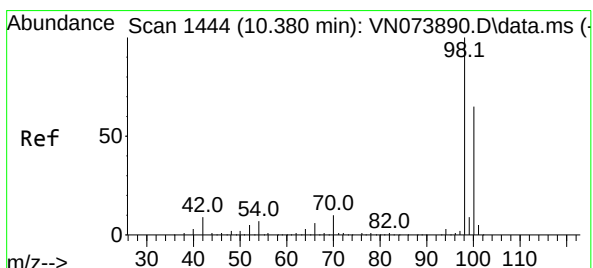
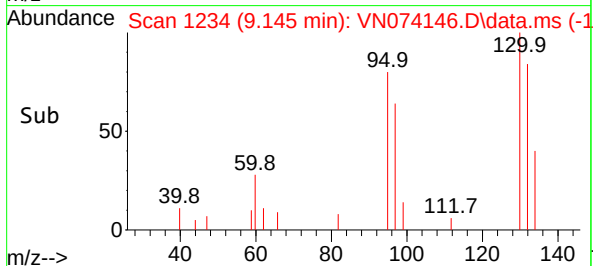
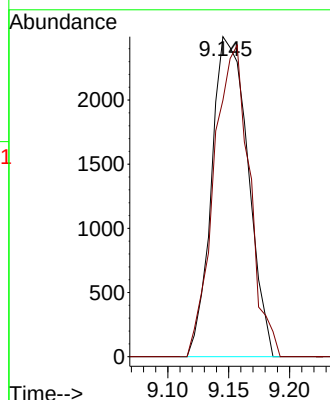
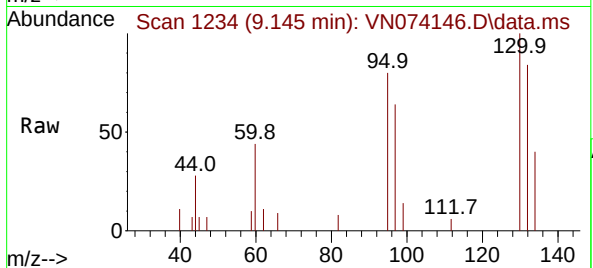




#44
 Trichloroethene
 Concen: 0.832 ug/l
 RT: 9.145 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

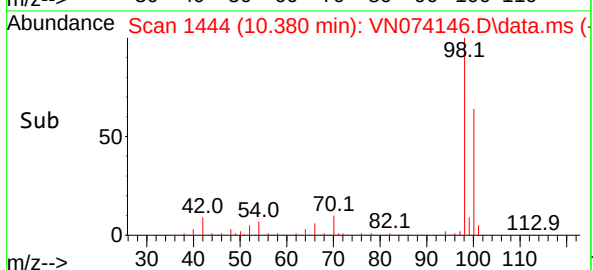
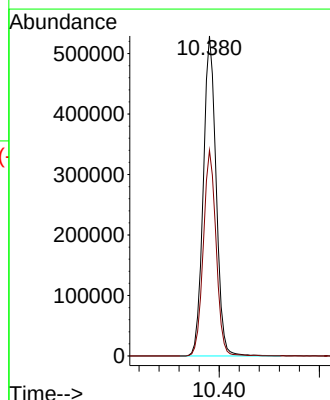
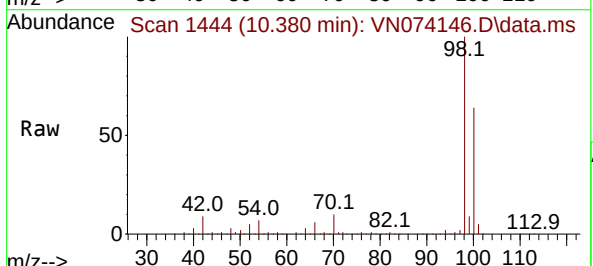
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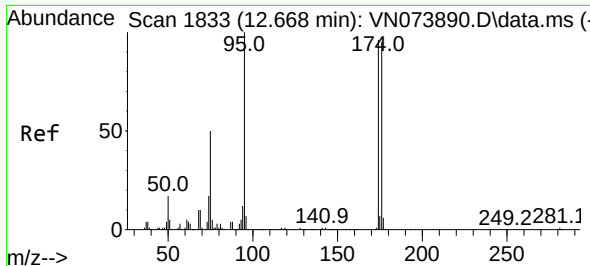
Tgt Ion:130 Resp: 5186
 Ion Ratio Lower Upper
 130 100
 95 80.2 0.0 186.8



#50
 Toluene-d8
 Concen: 49.346 ug/l
 RT: 10.380 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN074146.D
 Acq: 26 Aug 2022 19:28

Tgt Ion: 98 Resp: 940985
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.6 78.8

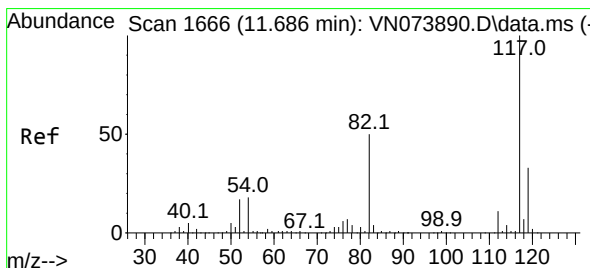
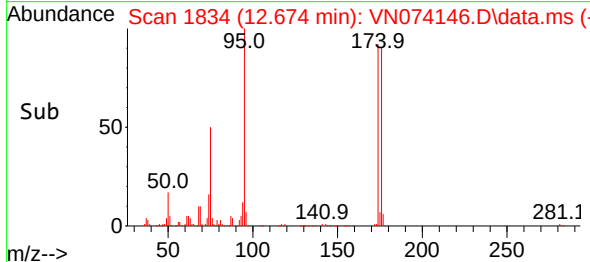
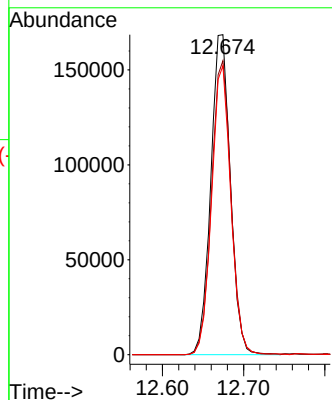
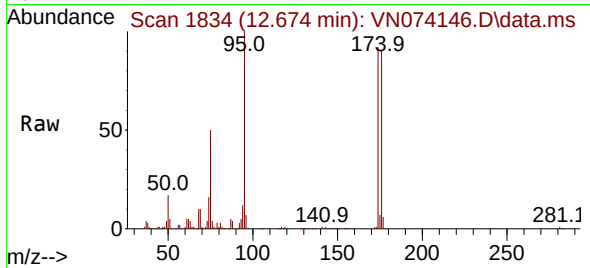




#62
4-Bromofluorobenzene
Concen: 44.664 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

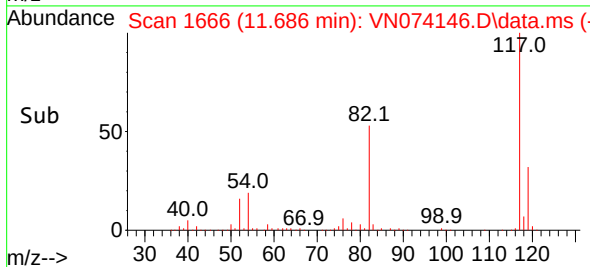
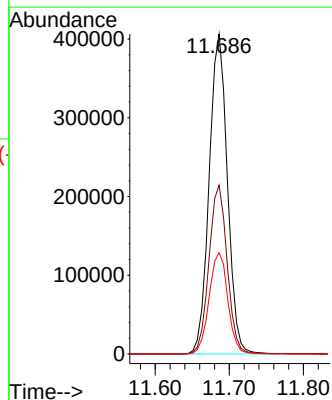
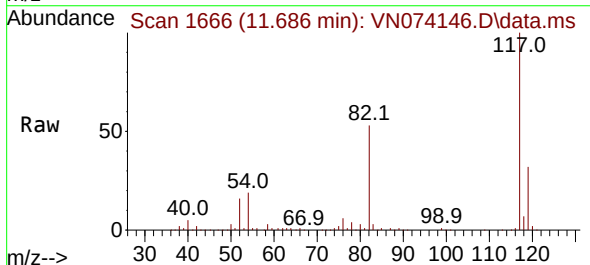
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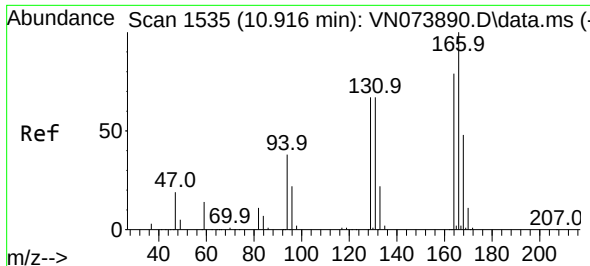
Tgt Ion: 95 Resp: 282661
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 88.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion: 117 Resp: 695261
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.7 25.4 38.0

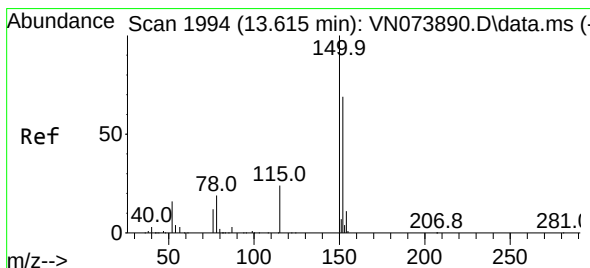
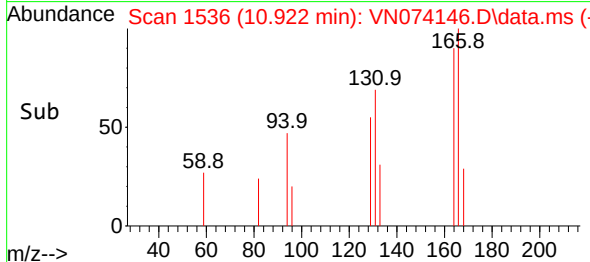
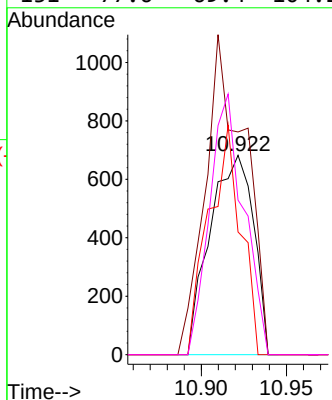
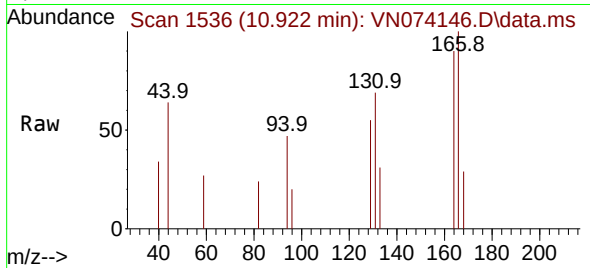




#64
Tetrachloroethene
Concen: 0.221 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	1214
Ion	Ratio	Lower Upper
164	100	
166	111.7	104.2 156.2
129	61.6	73.9 110.9#
131	77.6	69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074146.D
Acq: 26 Aug 2022 19:28

Tgt Ion:152	Resp:	296891
Ion	Ratio	Lower Upper
152	100	
115	56.5	28.9 86.7
150	160.3	0.0 356.2

