

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074147.D
 Acq On : 26 Aug 2022 19:53
 Operator : JC\MD
 Sample : N4297-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20220820

Quant Time: Aug 27 00:22:54 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)

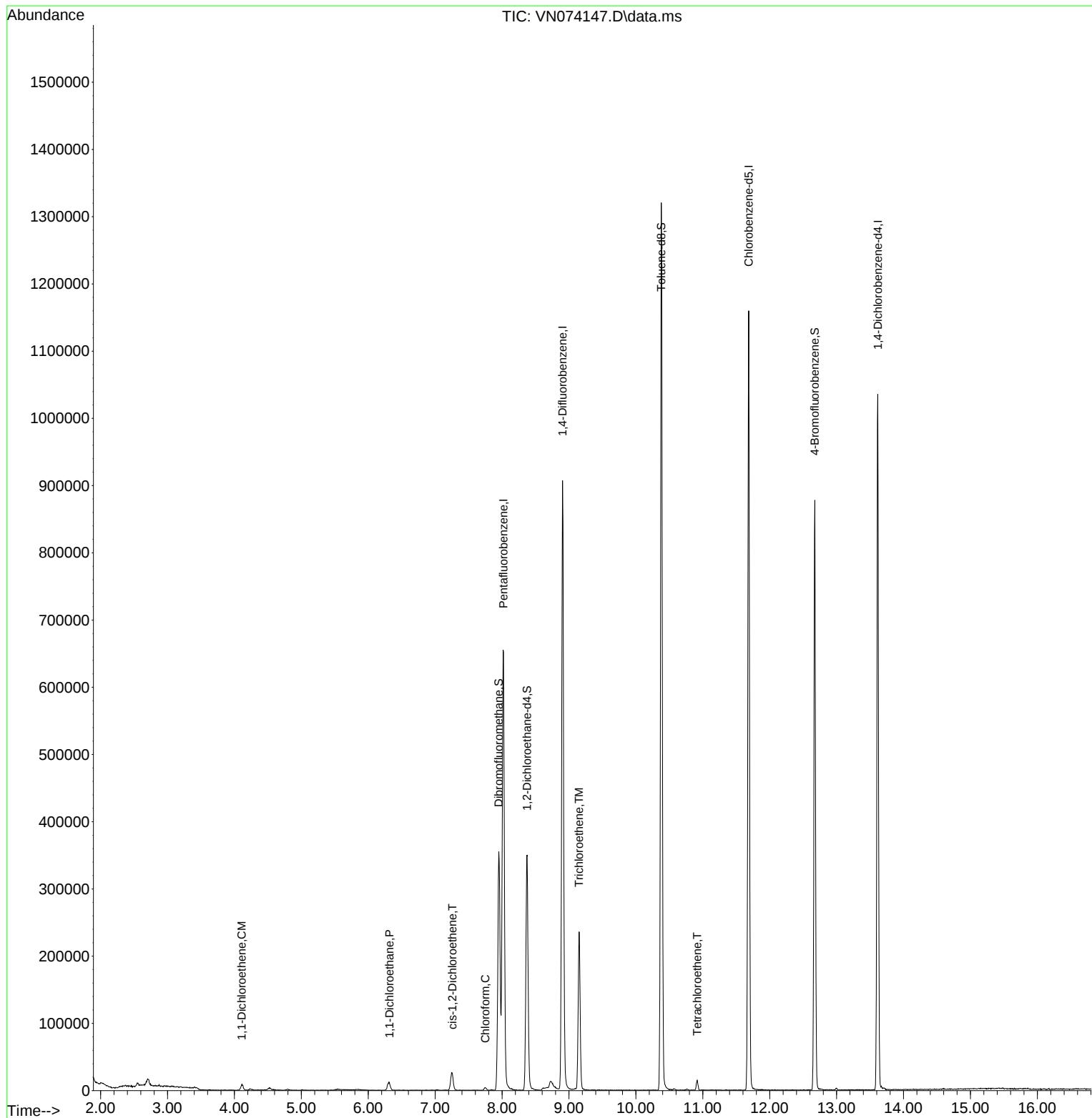
Internal Standards						
1) Pentafluorobenzene	8.022	168	546513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	833890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	709691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	300144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298184	56.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.040%	
35) Dibromofluoromethane	7.951	113	259010	52.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	10.380	98	943941	49.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.674	95	284254	44.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.680%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.110	96	5358	1.242	ug/l	97
24) 1,1-Dichloroethane	6.316	63	17752	2.106	ug/l	95
27) cis-1,2-Dichloroethene	7.257	96	17611	3.004	ug/l	88
30) Chloroform	7.751	83	4287	0.455	ug/l	99
44) Trichloroethene	9.151	130	93872	15.034	ug/l	99
64) Tetrachloroethene	10.916	164	3489	0.623	ug/l	88

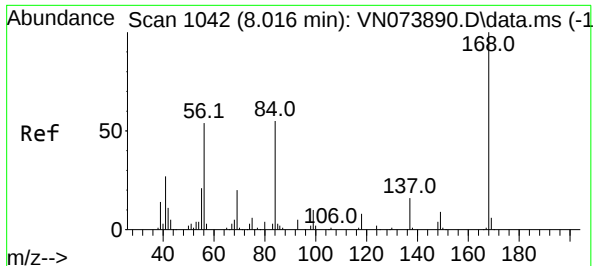
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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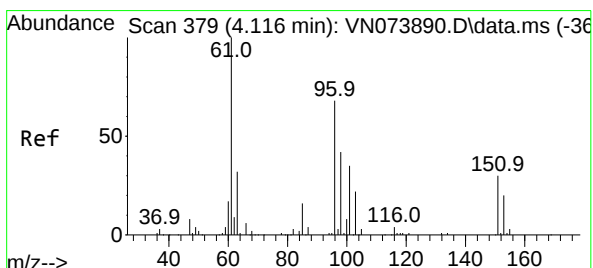
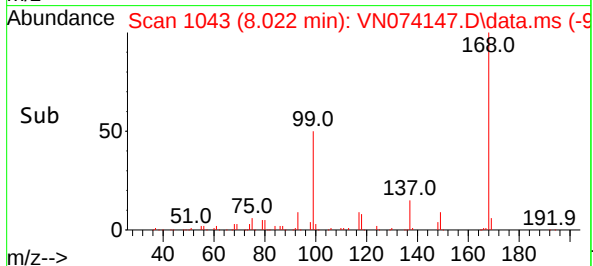
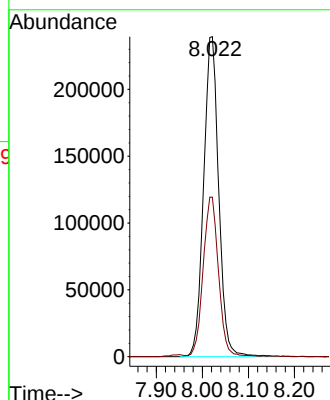
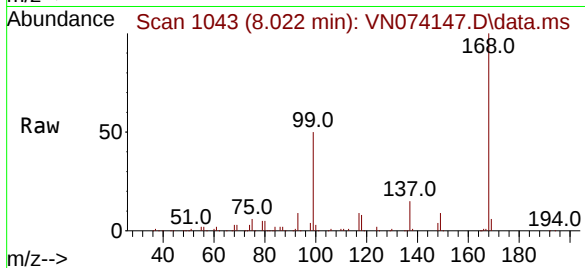




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

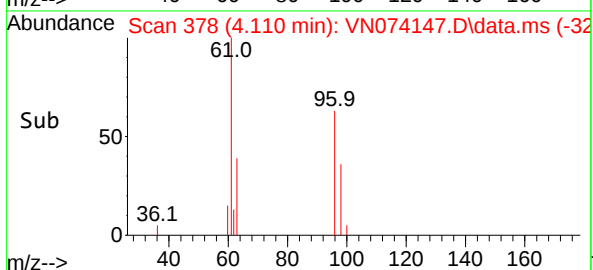
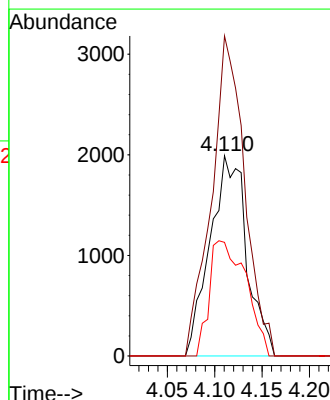
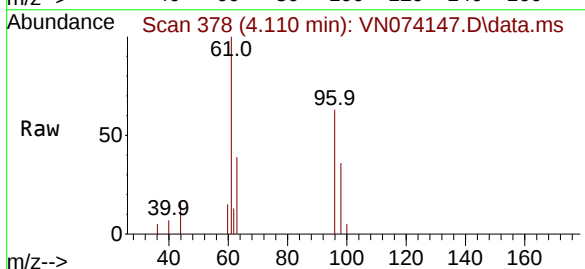
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

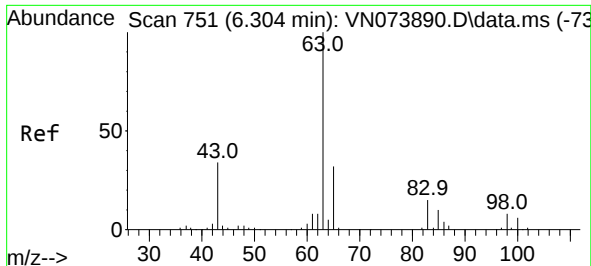
Tgt Ion:168 Resp: 546513
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#12
1,1-Dichloroethene
Concen: 1.242 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 96 Resp: 5358
Ion Ratio Lower Upper
96 100
61 159.8 127.6 191.4
98 56.8 51.2 76.8

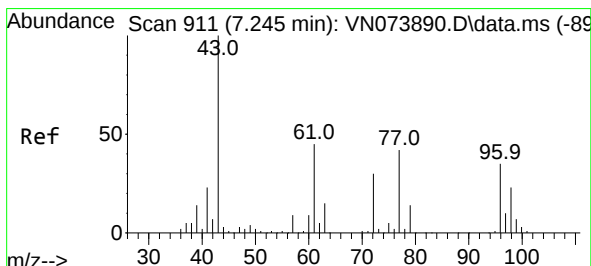
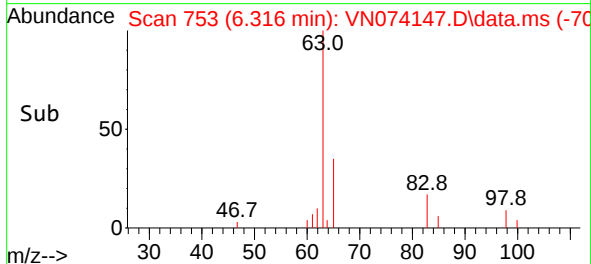
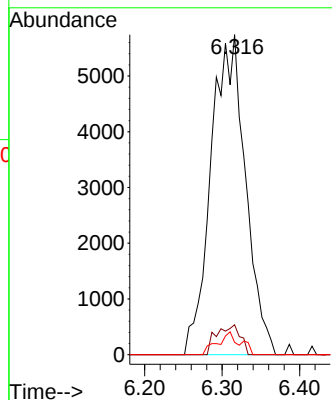
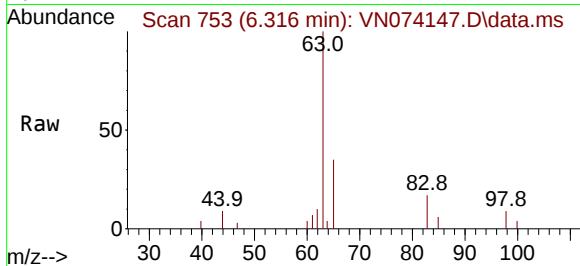




#24
1,1-Dichloroethane
Concen: 2.106 ug/l
RT: 6.316 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

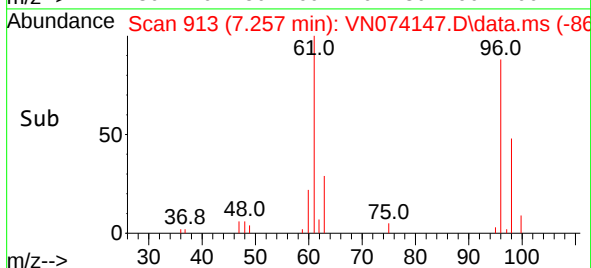
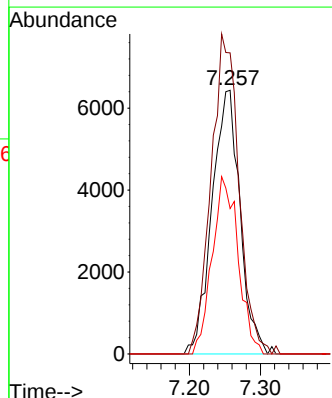
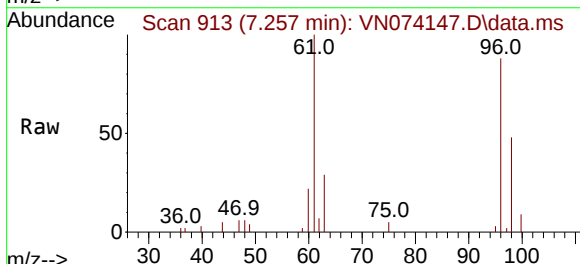
Instrument :
MSVOA_N
ClientSampleId :
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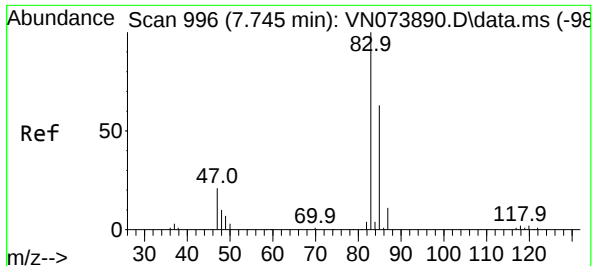
Tgt Ion:	63	Resp:	17752
Ion Ratio	Lower	Upper	
63	100		
98	9.4	3.5	10.4
100	3.8	2.3	6.8



#27
cis-1,2-Dichloroethene
Concen: 3.004 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion:	96	Resp:	17611
Ion Ratio	Lower	Upper	
96	100		
61	120.5	0.0	280.6
98	62.3	0.0	128.4

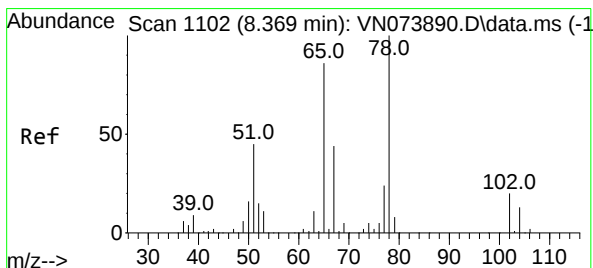
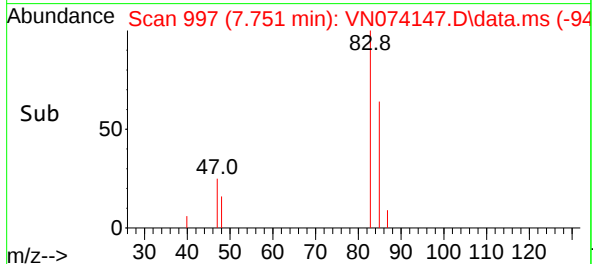
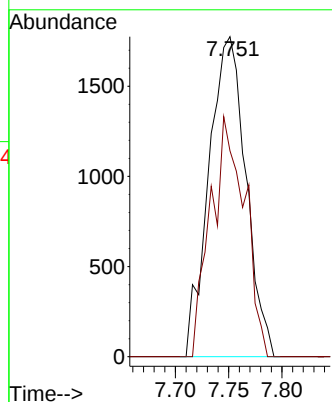
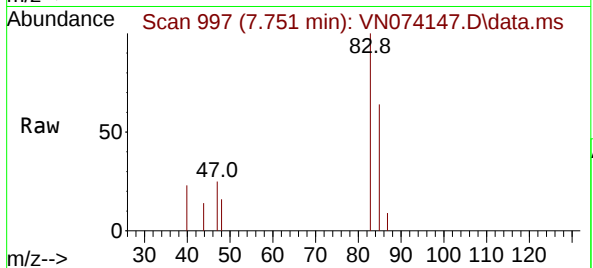




#30
Chloroform
Concen: 0.455 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

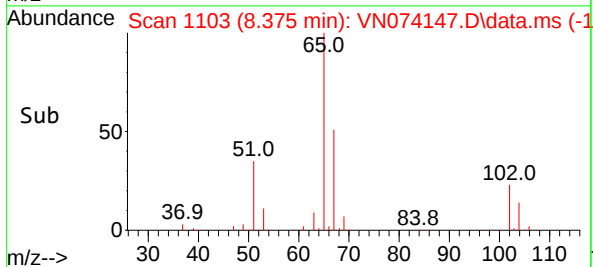
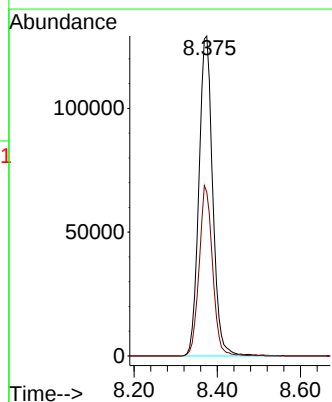
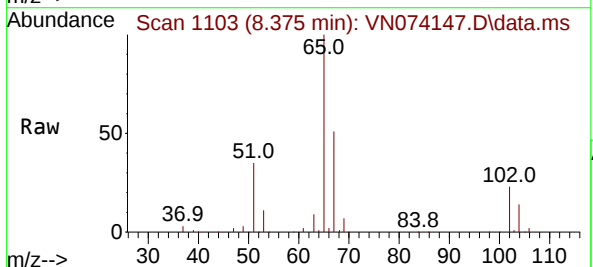
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MSVOA_N
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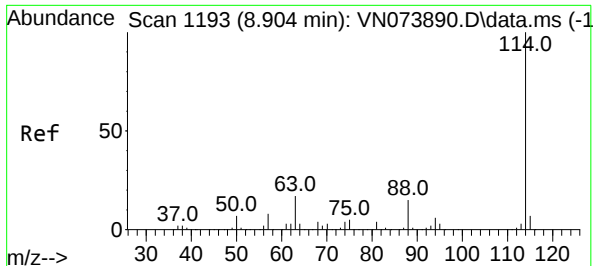
Tgt Ion: 83 Resp: 4287
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 56.018 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 65 Resp: 298184
Ion Ratio Lower Upper
65 100
67 51.6 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: VN074147.D

Acq: 26 Aug 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20220820

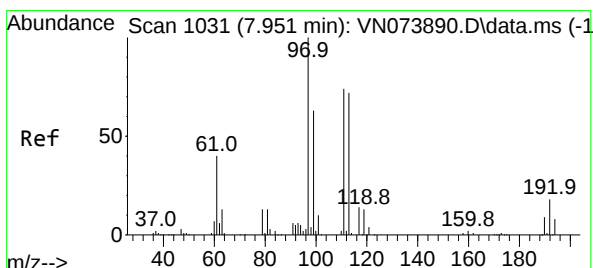
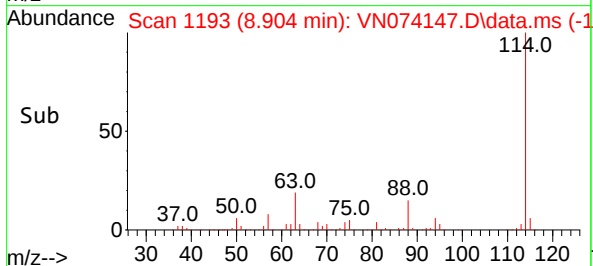
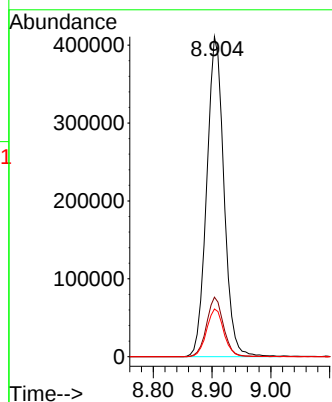
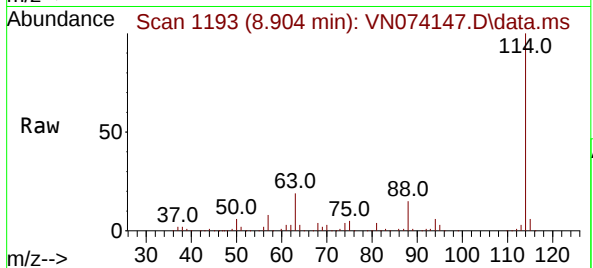
Tgt Ion:114 Resp: 833890

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.521 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074147.D

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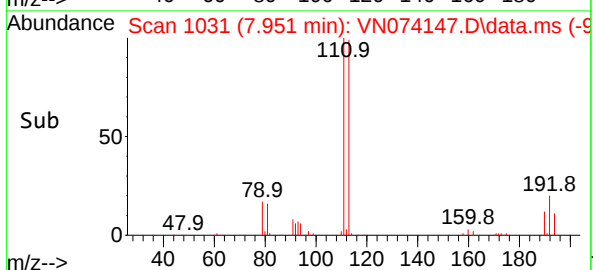
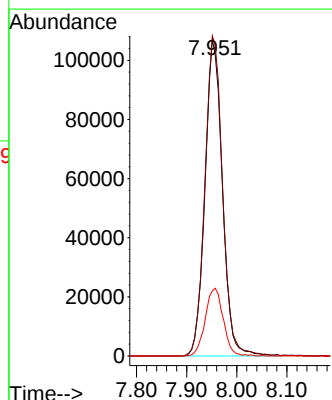
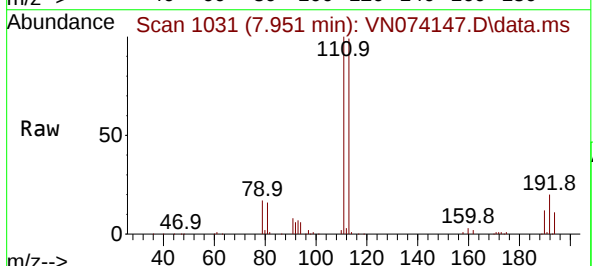
Tgt Ion:113 Resp: 259010

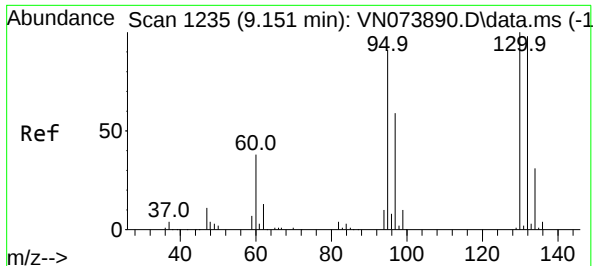
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.1 17.0 25.6

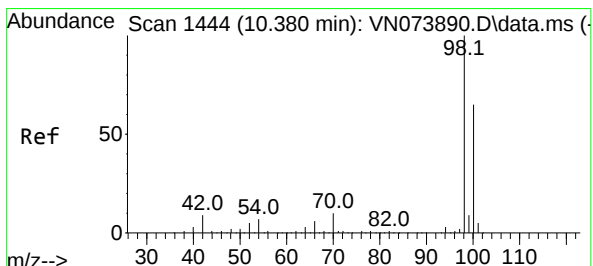
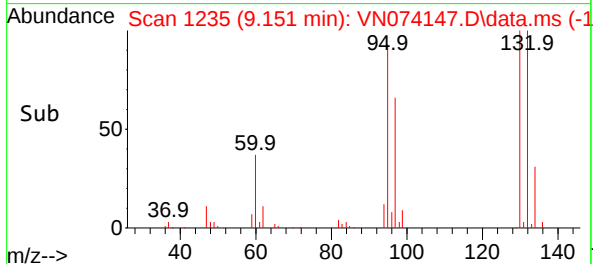
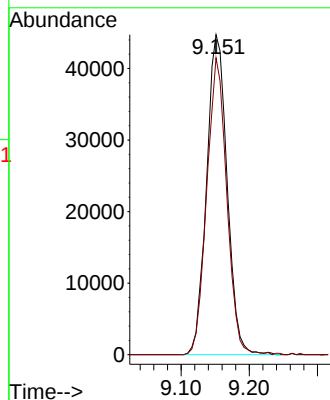
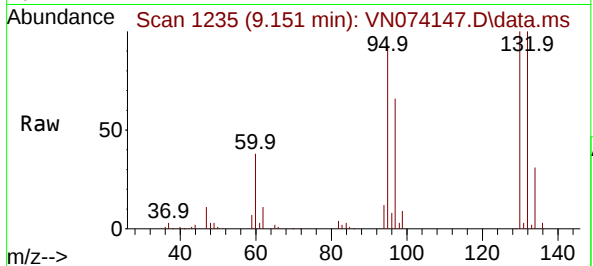




#44
Trichloroethene
Concen: 15.034 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

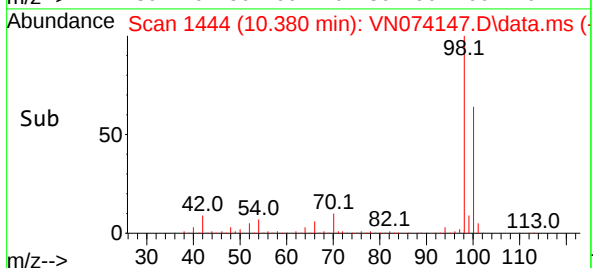
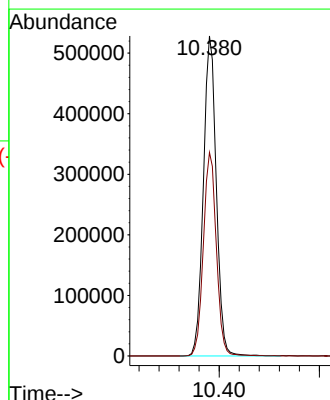
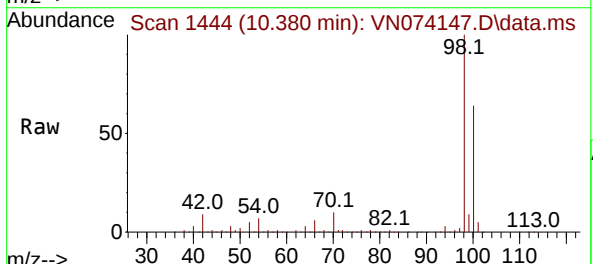
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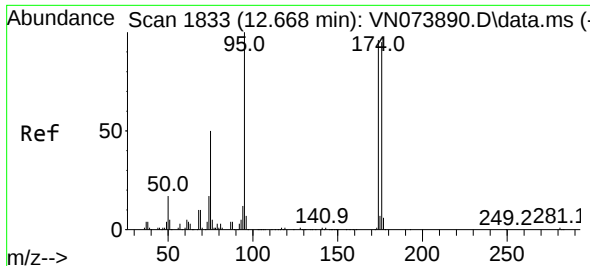
Tgt Ion:130 Resp: 93872
Ion Ratio Lower Upper
130 100
95 92.8 0.0 186.8



#50
Toluene-d8
Concen: 49.422 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 98 Resp: 943941
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

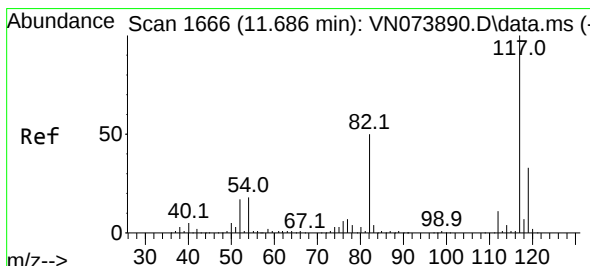
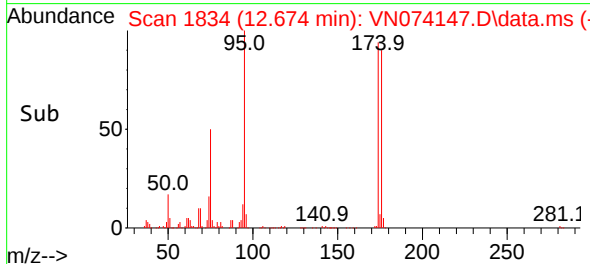
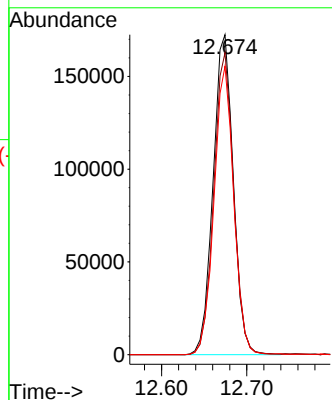
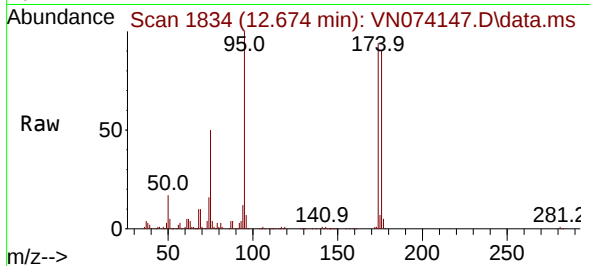




#62
4-Bromofluorobenzene
Concen: 44.844 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

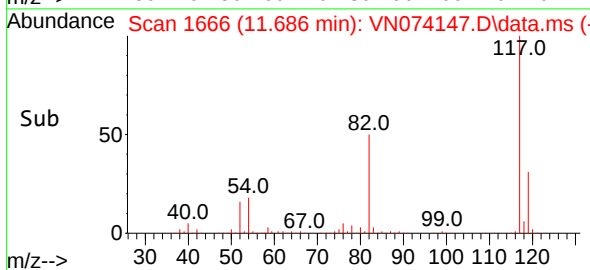
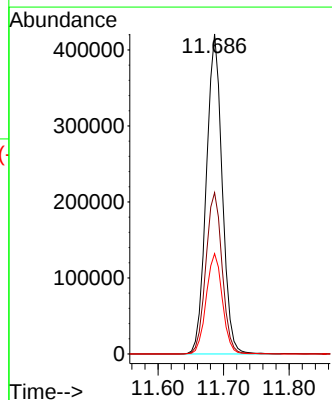
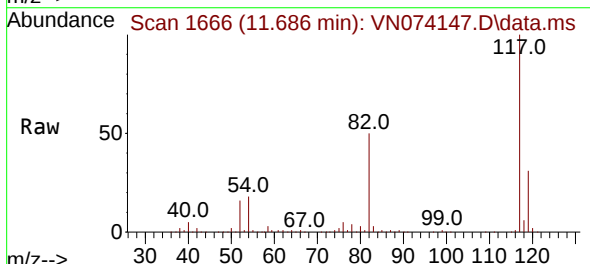
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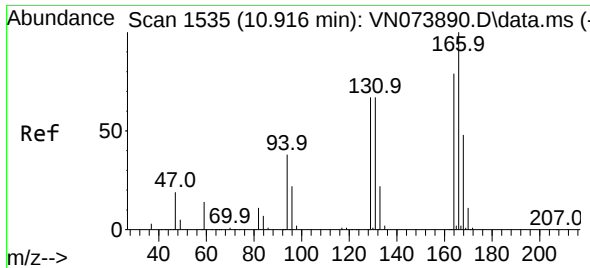
Tgt Ion: 95 Resp: 284254
Ion Ratio Lower Upper
95 100
174 92.8 0.0 167.6
176 88.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 117 Resp: 709691
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 31.4 25.4 38.0

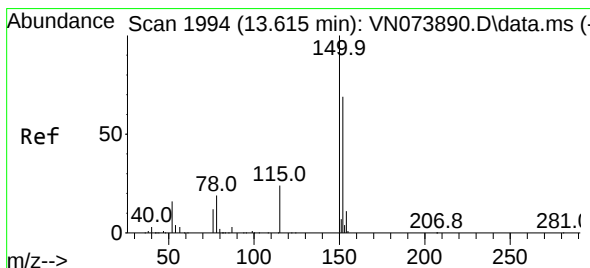
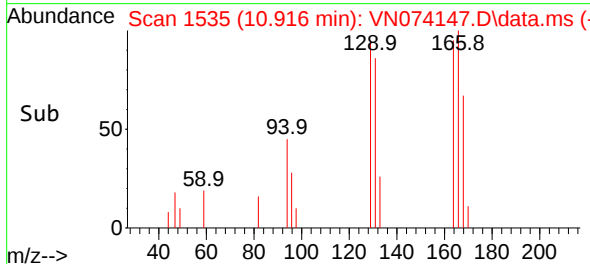
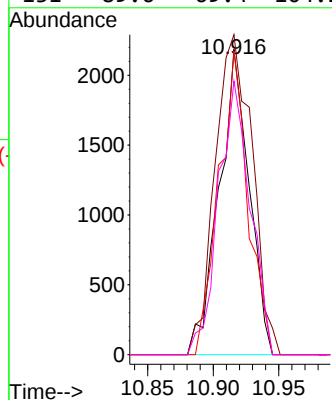
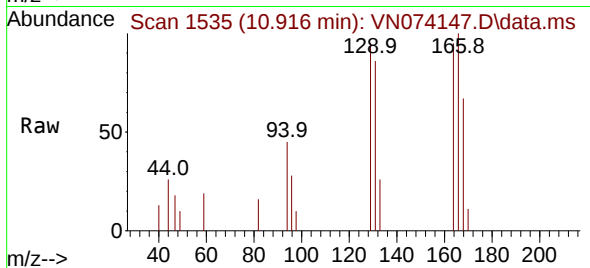




#64
Tetrachloroethene
Concen: 0.623 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	3489	
Ion	Ratio	Lower	Upper
164	100		
166	104.8	104.2	156.2
129	99.5	73.9	110.9
131	89.6	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: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion:152	Resp:	300144	
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.9	86.7
150	156.4	0.0	356.2

