

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074142.D
 Acq On : 26 Aug 2022 17:48
 Operator : JC\MD
 Sample : N4297-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW305I-20220820

Quant Time: Aug 27 00:21:59 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)

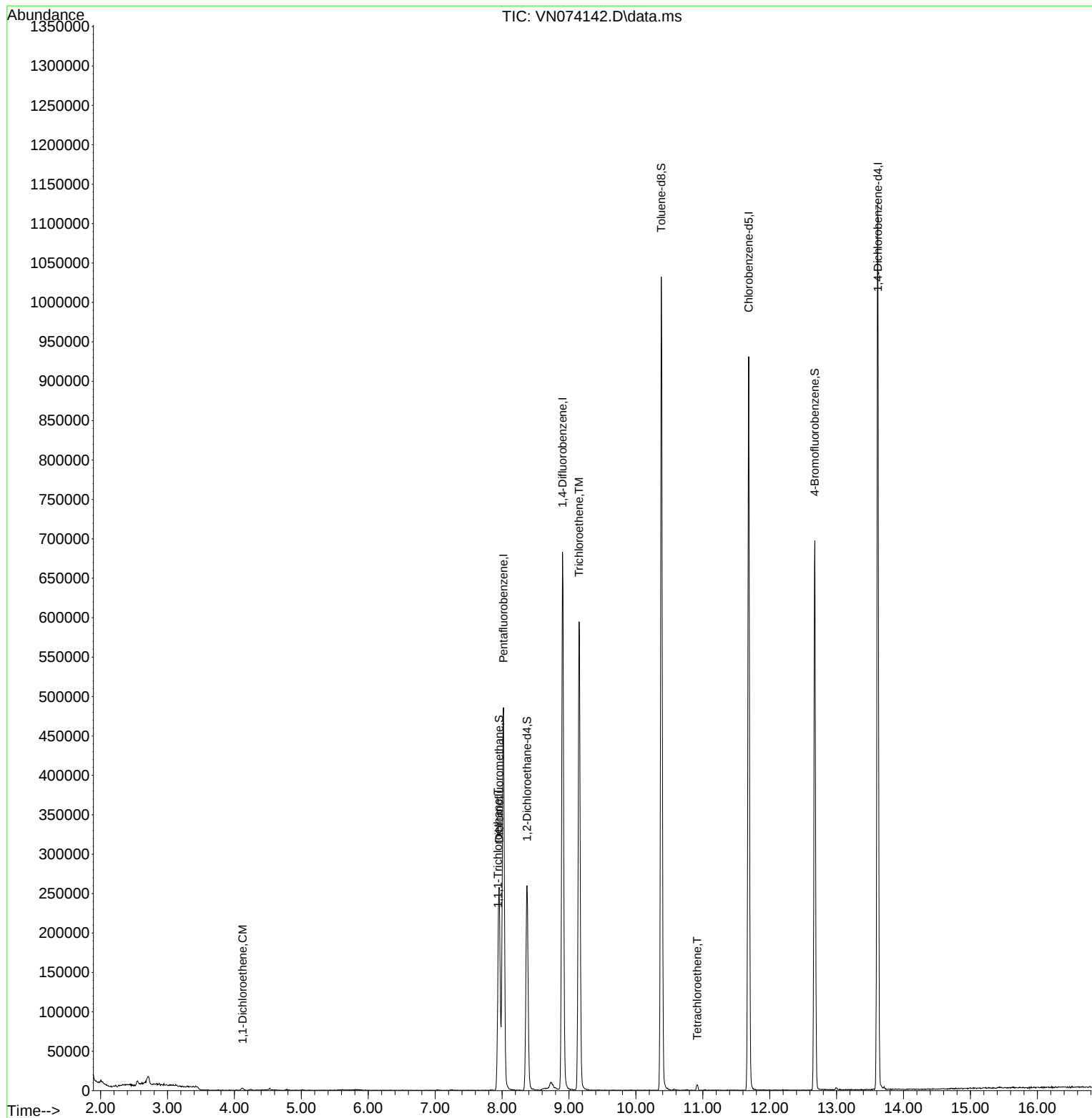
Internal Standards						
1) Pentafluorobenzene	8.022	168	387986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	625901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	548172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	219805	58.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.340%
35) Dibromofluoromethane	7.957	113	193586	52.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.380	98	717827	50.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.674	95	220174	46.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.122	96	1651	0.539	ug/l #	66
32) 1,1,1-Trichloroethane	7.939	97	2806	0.473	ug/l #	49
44) Trichloroethene	9.151	130	229508	48.970	ug/l	100
64) Tetrachloroethene	10.916	164	1839	0.425	ug/l	90

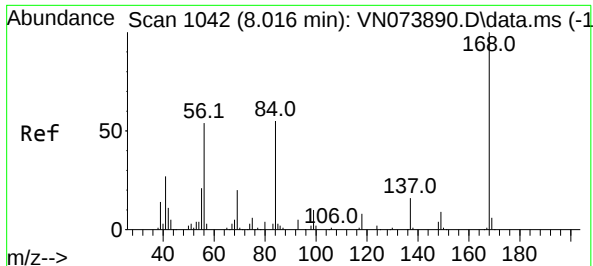
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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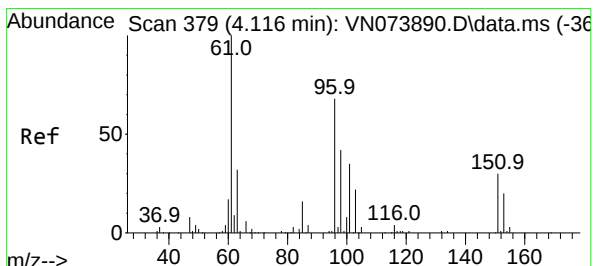
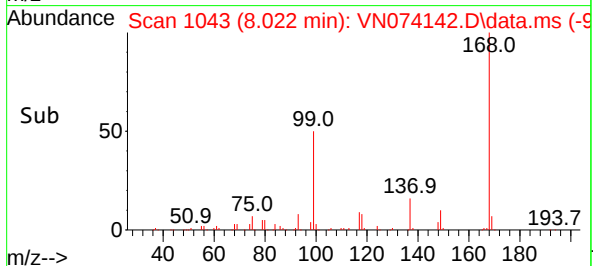
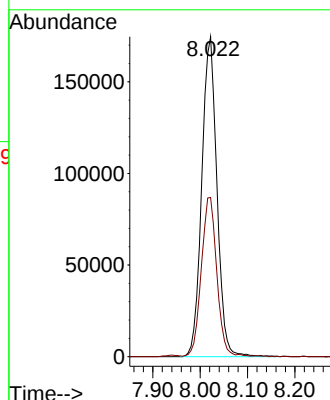
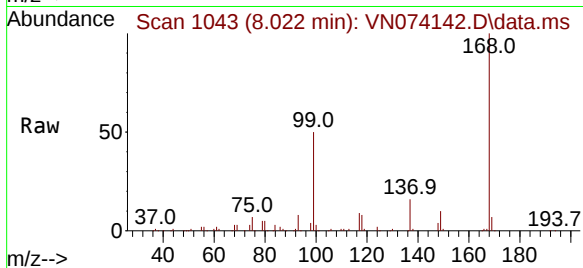




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

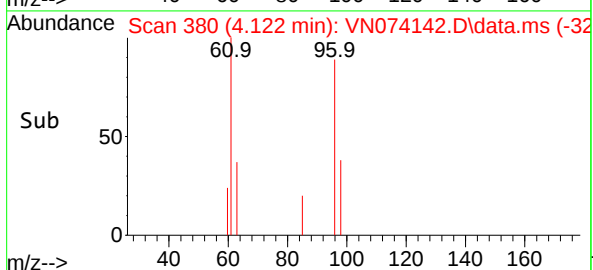
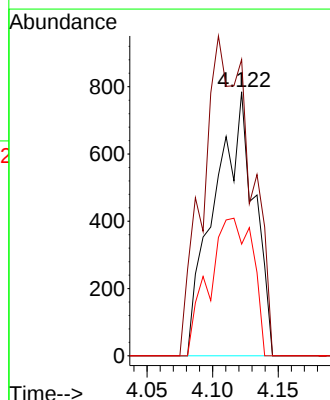
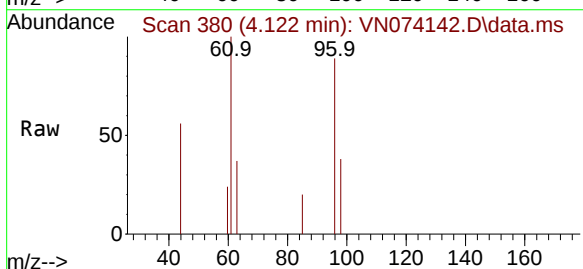
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

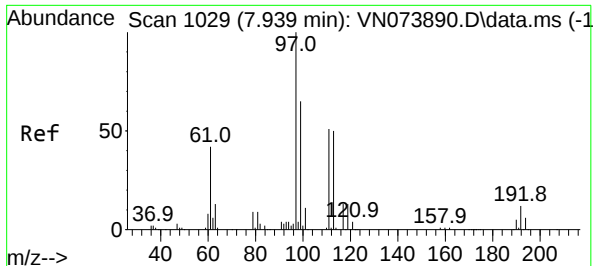
Tgt Ion:168 Resp: 387986
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#12
1,1-Dichloroethene
Concen: 0.539 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 96 Resp: 1651
Ion Ratio Lower Upper
96 100
61 112.2 127.6 191.4#
98 42.3 51.2 76.8#





#32

1,1,1-Trichloroethane

Concen: 0.473 ug/l

RT: 7.939 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW305I-20220820

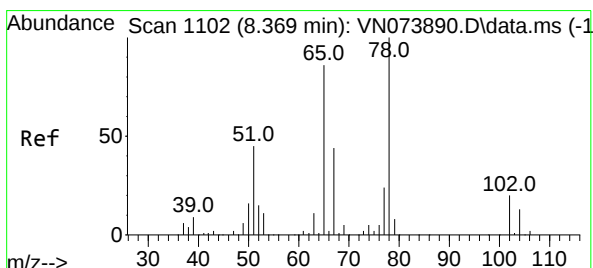
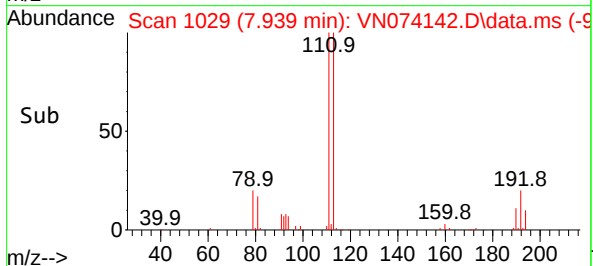
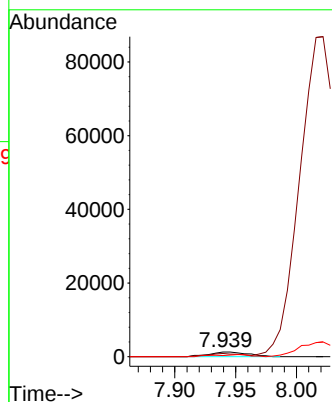
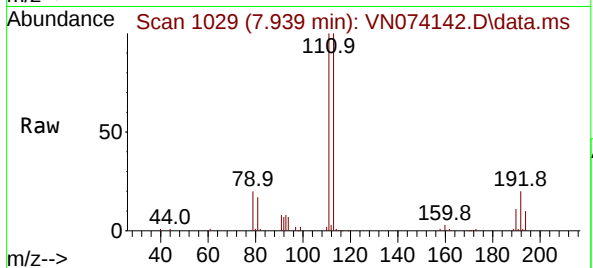
Tgt Ion: 97 Resp: 2806

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

61 40.2 36.0 54.0



#33

1,2-Dichloroethane-d4

Concen: 58.165 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074142.D

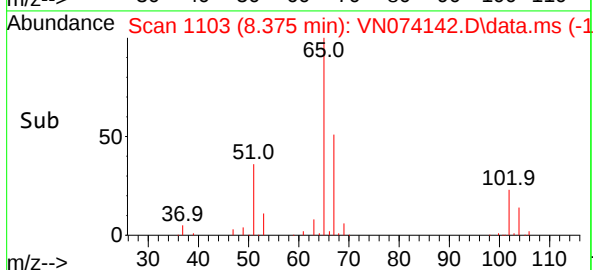
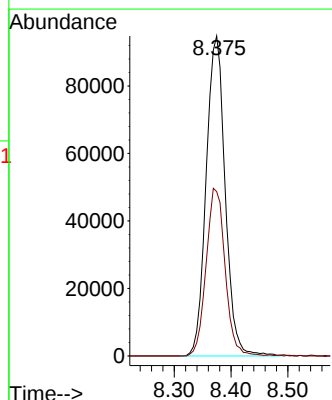
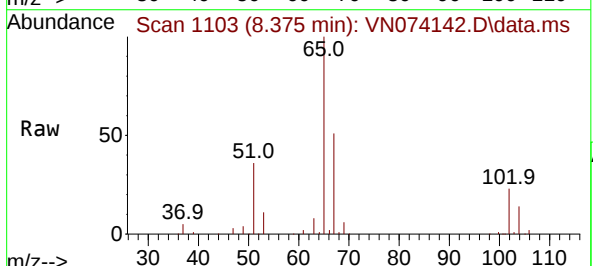
Acq: 26 Aug 2022 17:48

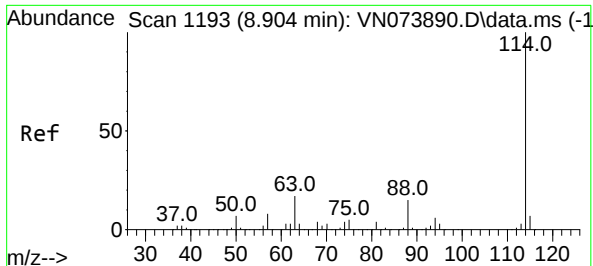
Tgt Ion: 65 Resp: 219805

Ion Ratio Lower Upper

65 100

67 52.3 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: VN074142.D

Acq: 26 Aug 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW305I-20220820

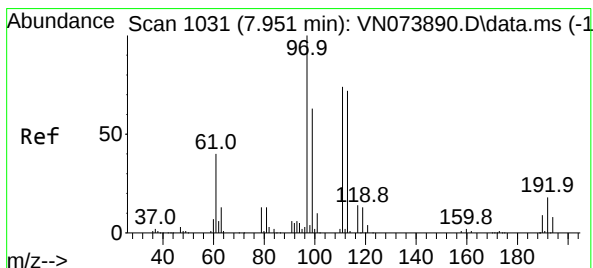
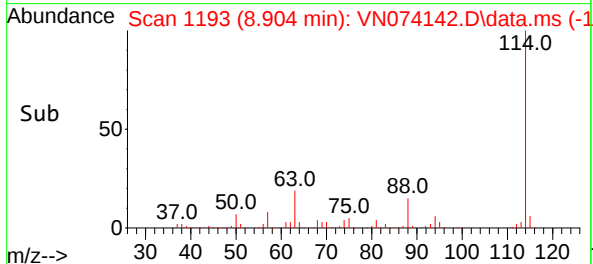
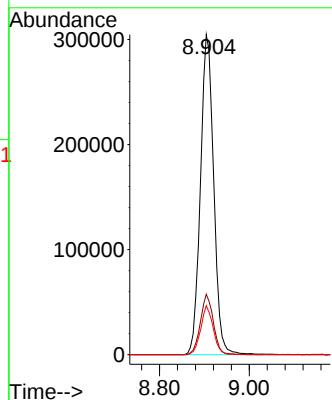
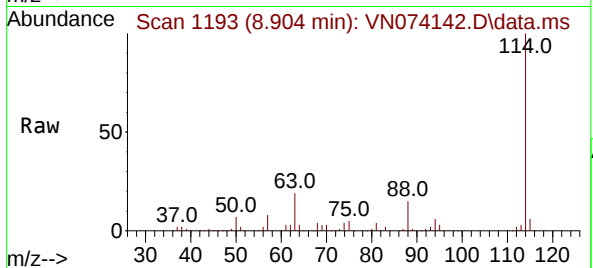
Tgt Ion:114 Resp: 625901

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.299 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

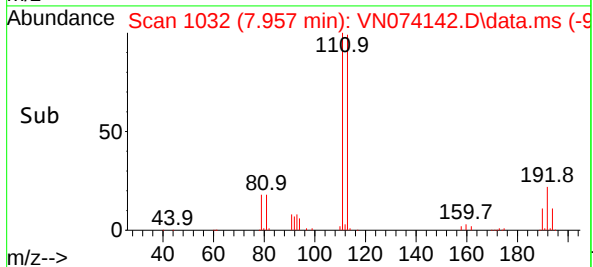
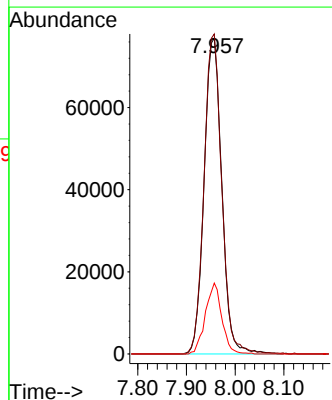
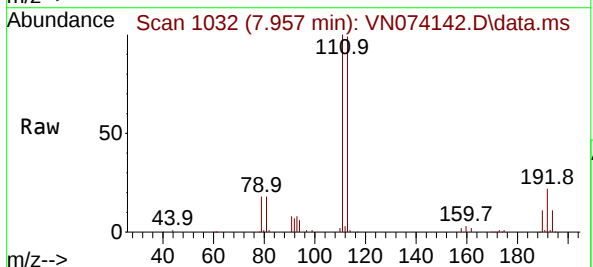
Tgt Ion:113 Resp: 193586

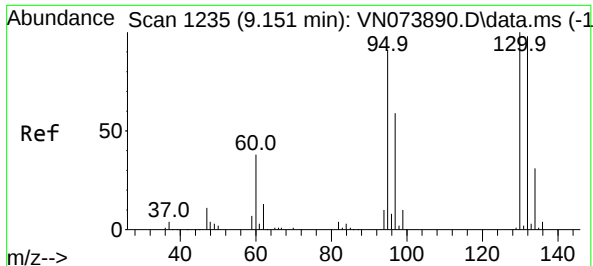
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 20.9 17.0 25.6

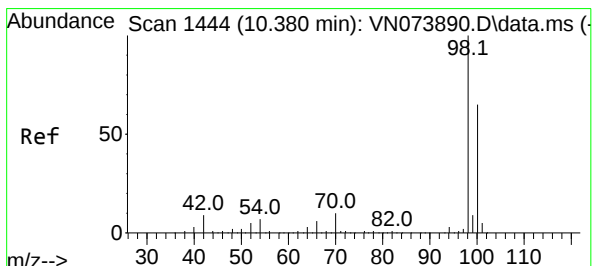
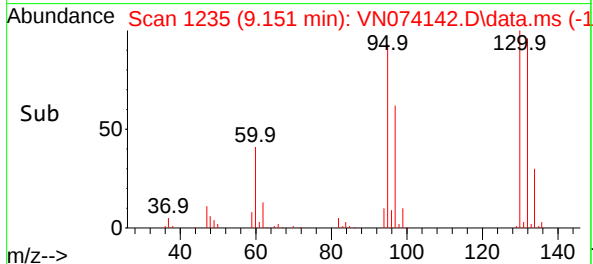
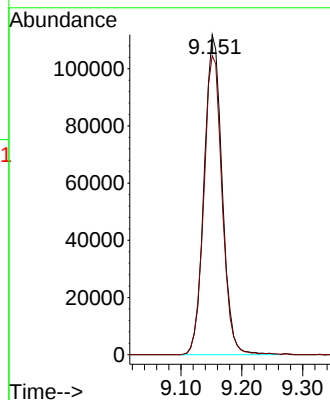
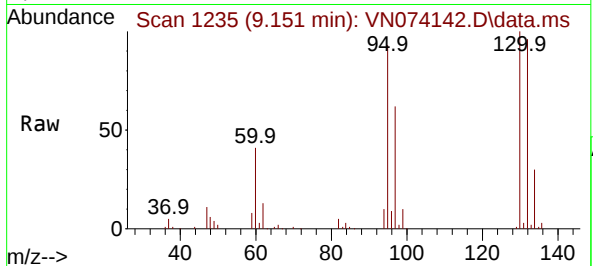




#44
Trichloroethene
Concen: 48.970 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

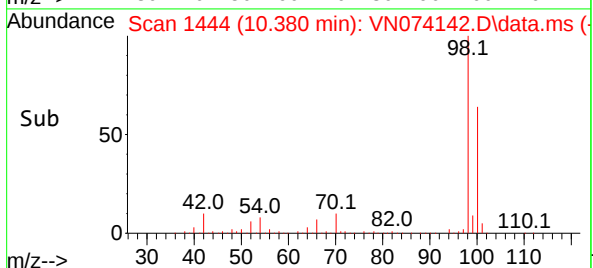
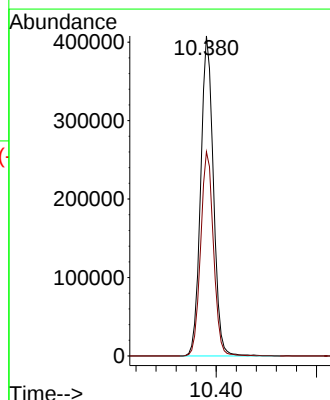
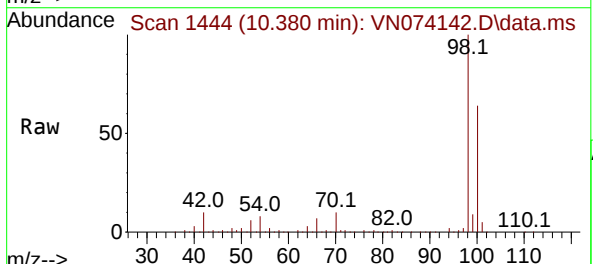
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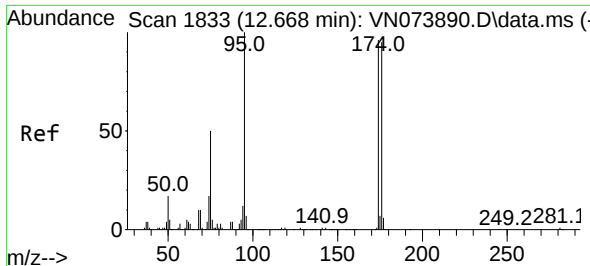
Tgt Ion:130 Resp: 229508
Ion Ratio Lower Upper
130 100
95 93.5 0.0 186.8



#50
Toluene-d8
Concen: 50.073 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 98 Resp: 717827
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

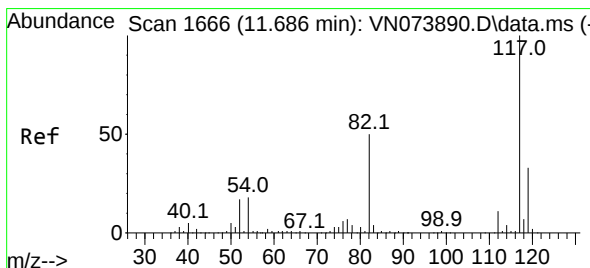
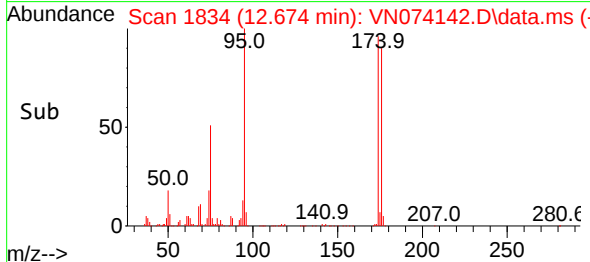
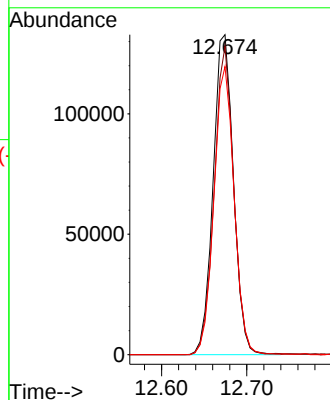
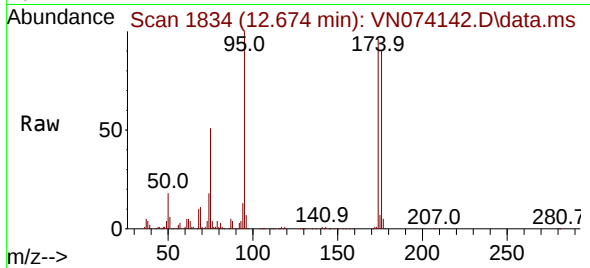




#62
4-Bromofluorobenzene
Concen: 46.277 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

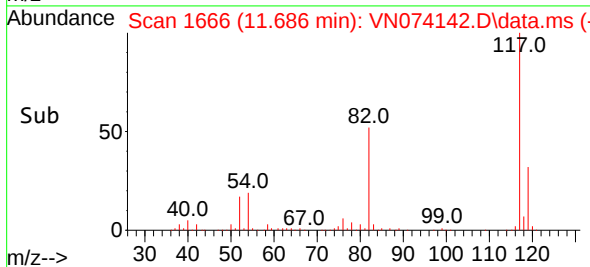
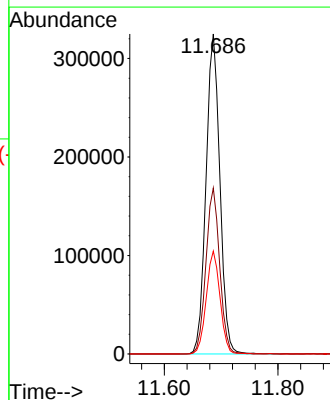
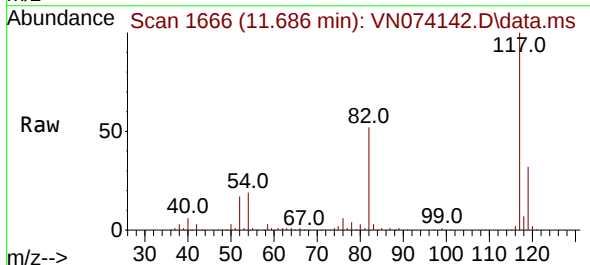
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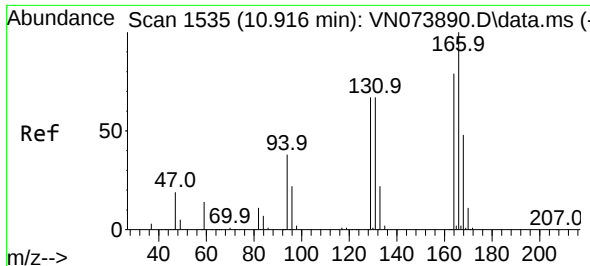
Tgt Ion: 95 Resp: 220174
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 89.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 117 Resp: 548172
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 32.2 25.4 38.0



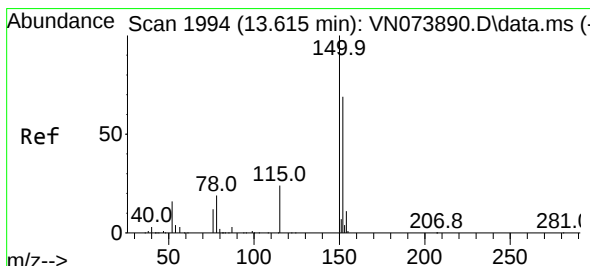
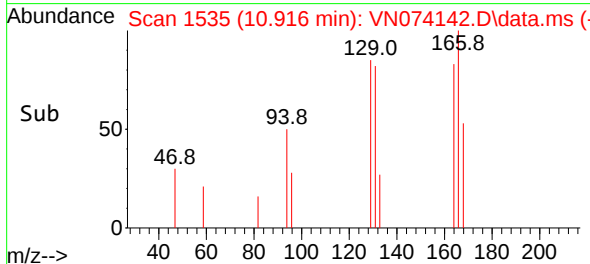
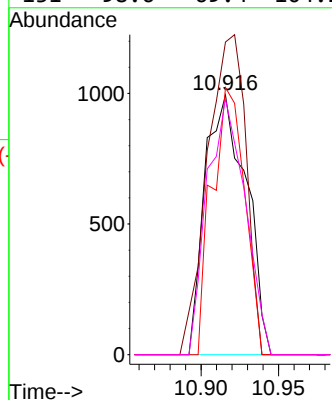
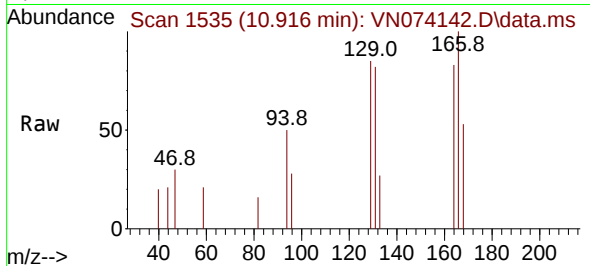


#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

Tgt Ion:164 Resp: 1839

Ion	Ratio	Lower	Upper
164	100		
166	120.4	104.2	156.2
129	102.9	73.9	110.9
131	98.6	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: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion:152 Resp: 325190

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.9	86.7
150	156.8	0.0	356.2

