

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074098.D
 Acq On : 24 Aug 2022 17:54
 Operator : JC\MD
 Sample : N4280-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20220817

Quant Time: Aug 25 07:55:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

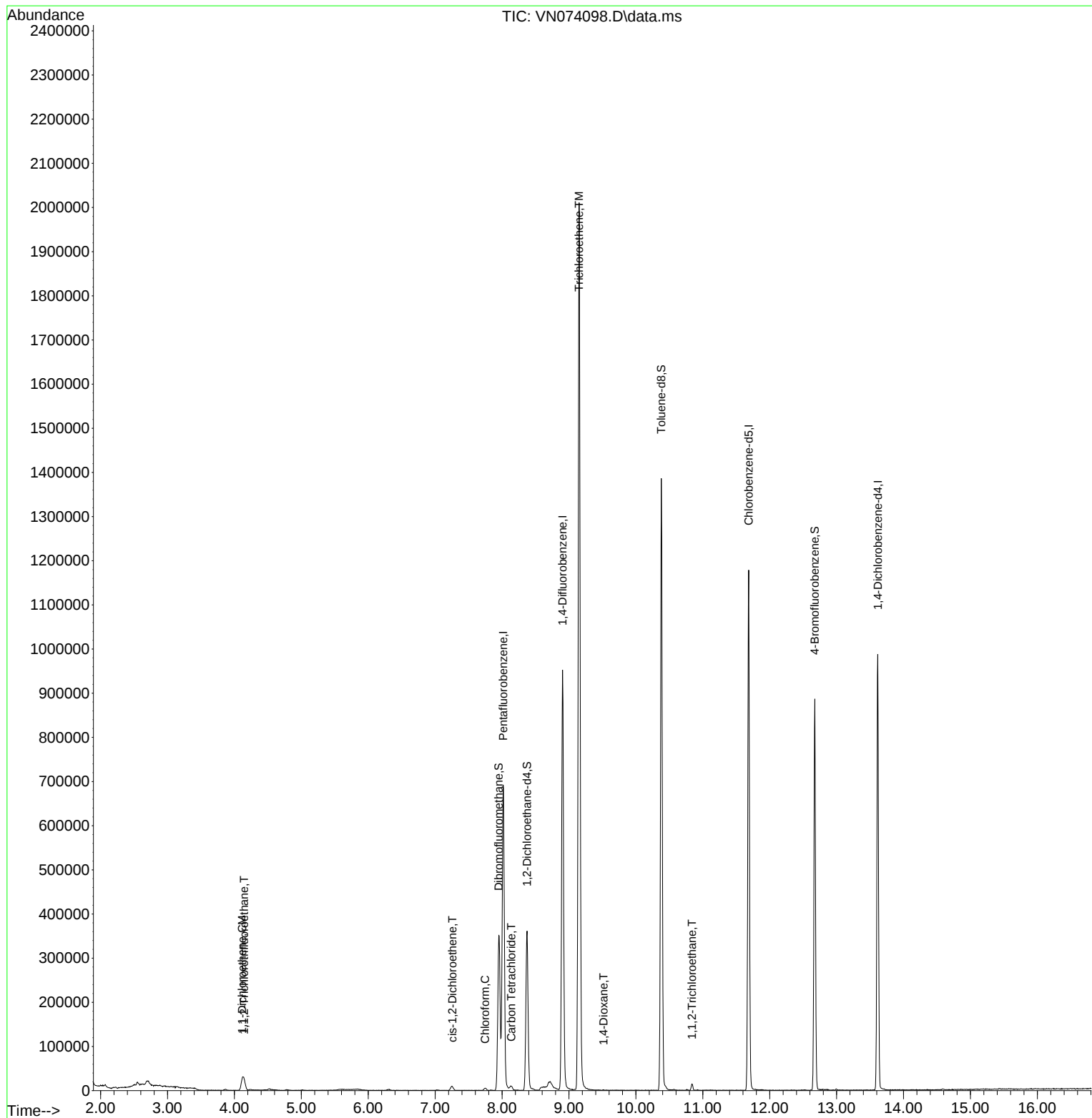
Internal Standards						
1) Pentafluorobenzene	8.016	168	572852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	876594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	721506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	289664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	301793	54.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	7.951	113	265745	51.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.380	98	974846	48.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.100%			
62) 4-Bromofluorobenzene	12.674	95	290036	43.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.060%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.145	101	16164	3.326	ug/l	98
12) 1,1-Dichloroethene	4.116	96	10592	2.343	ug/l #	78
27) cis-1,2-Dichloroethene	7.257	96	6516	1.060	ug/l	85
30) Chloroform	7.745	83	5433	0.550	ug/l #	84
38) Carbon Tetrachloride	8.139	117	7562	0.919	ug/l	94
44) Trichloroethene	9.151	130	779931	118.821	ug/l	100
49) 1,4-Dioxane	9.516	88	554	3.503	ug/l #	66
55) 1,1,2-Trichloroethane	10.839	97	4756	0.785	ug/l	95

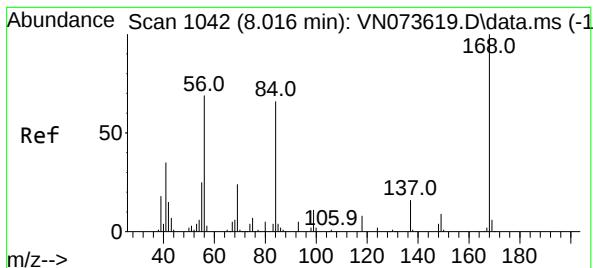
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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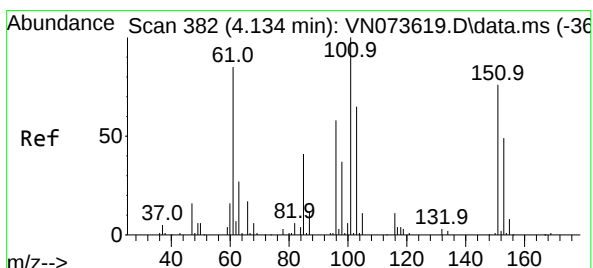
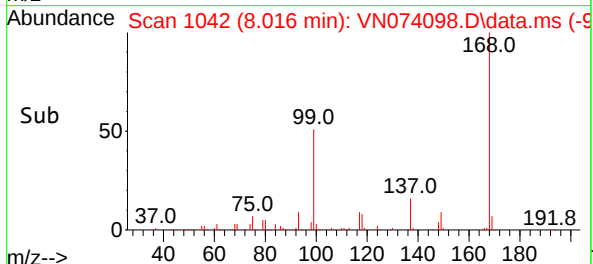
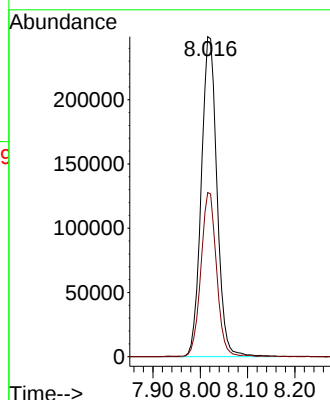
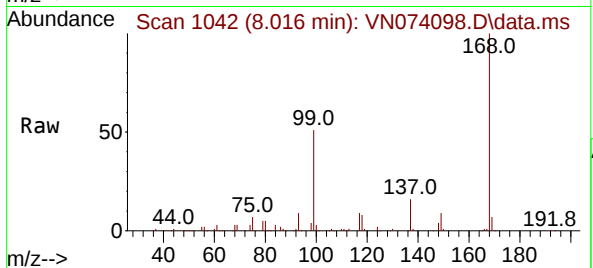




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

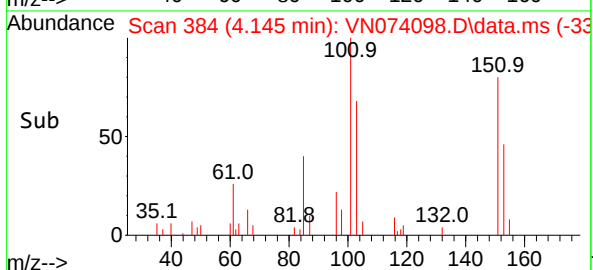
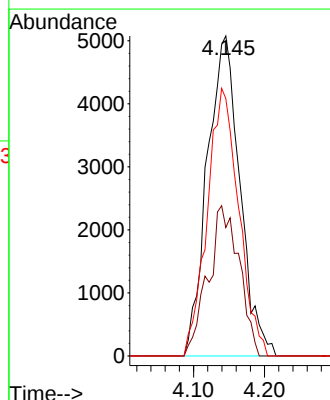
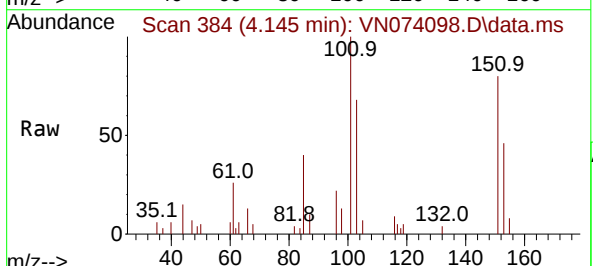
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817

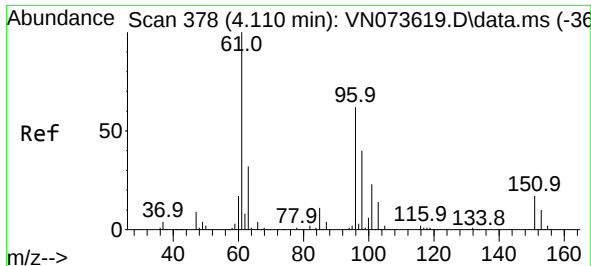
Tgt Ion:168 Resp: 572852
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.326 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Tgt Ion:101 Resp: 16164
Ion Ratio Lower Upper
101 100
85 44.8 34.7 52.1
151 80.9 63.0 94.4





#12

1,1-Dichloroethene

Concen: 2.343 ug/l

RT: 4.116 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN074098.D

Acq: 24 Aug 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20220817

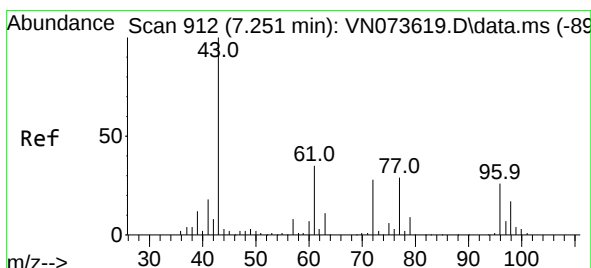
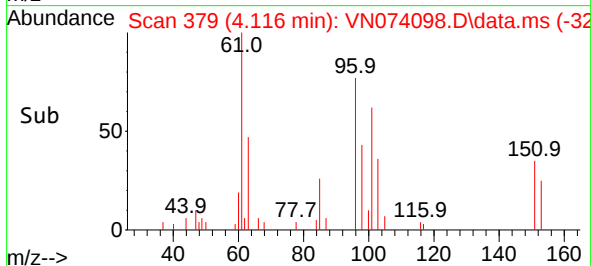
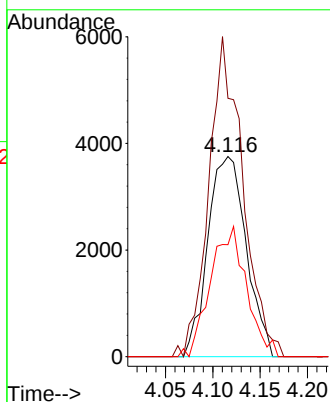
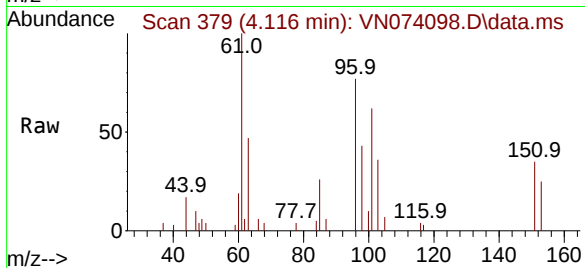
Tgt Ion: 96 Resp: 10592

Ion Ratio Lower Upper

96 100

61 123.7 127.6 191.4#

98 56.0 51.2 76.8



#27

cis-1,2-Dichloroethene

Concen: 1.060 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074098.D

Acq: 24 Aug 2022 17:54

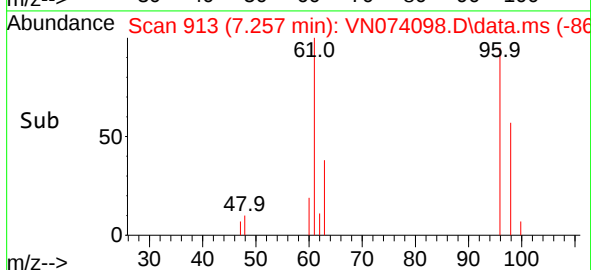
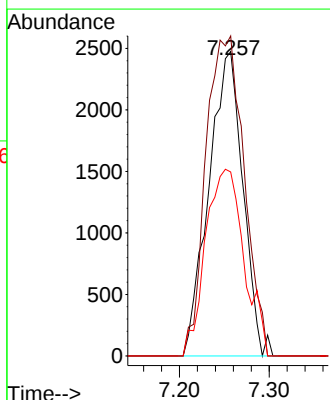
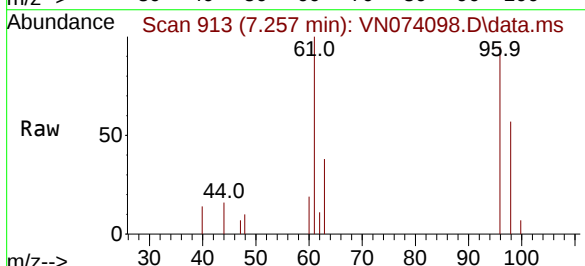
Tgt Ion: 96 Resp: 6516

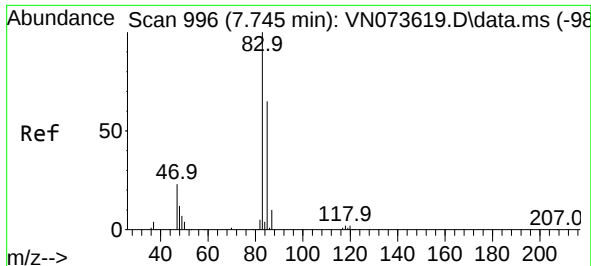
Ion Ratio Lower Upper

96 100

61 117.5 0.0 280.6

98 69.3 0.0 128.4

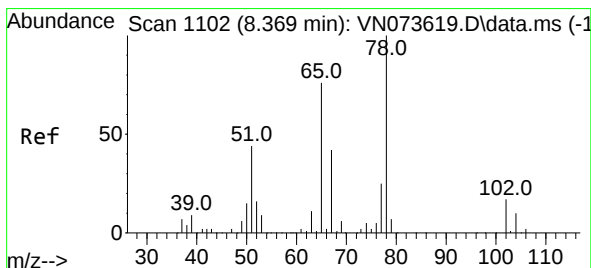
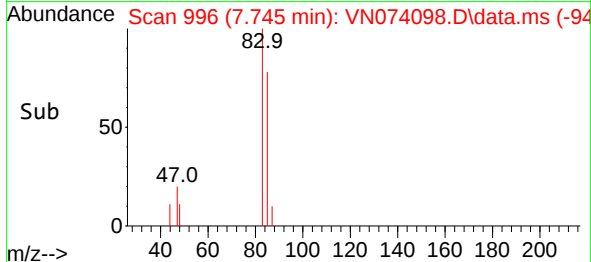
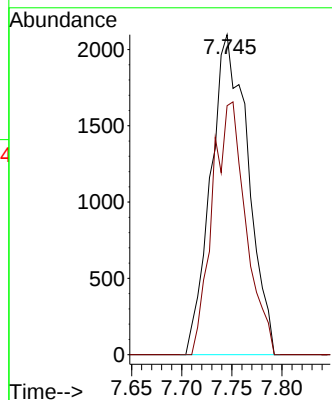
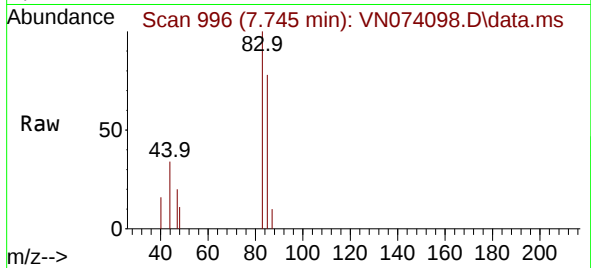




#30
Chloroform
Concen: 0.550 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

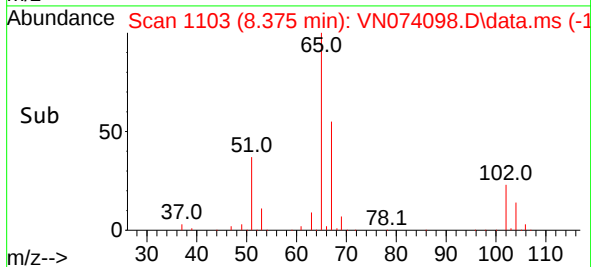
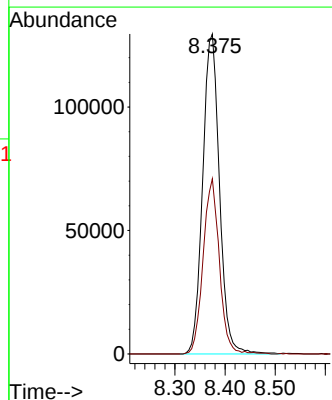
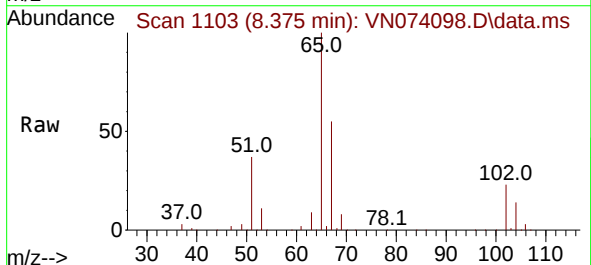
Instrument :
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RE139D1-20220817

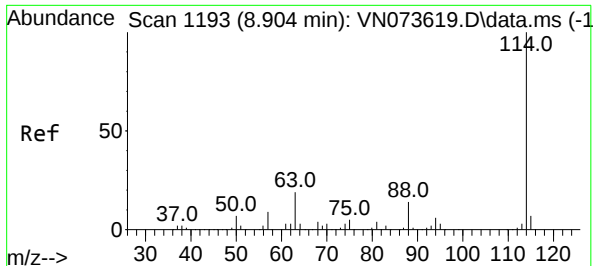
Tgt Ion: 83 Resp: 5433
Ion Ratio Lower Upper
83 100
85 77.8 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Tgt Ion: 65 Resp: 301793
Ion Ratio Lower Upper
65 100
67 52.9 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: VN074098.D

Acq: 24 Aug 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20220817

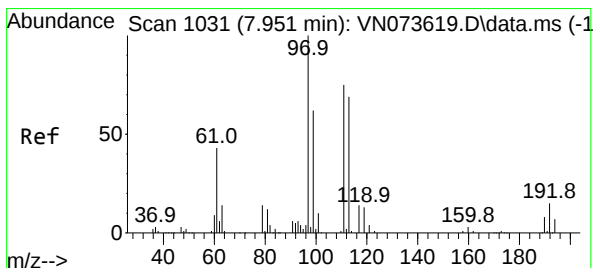
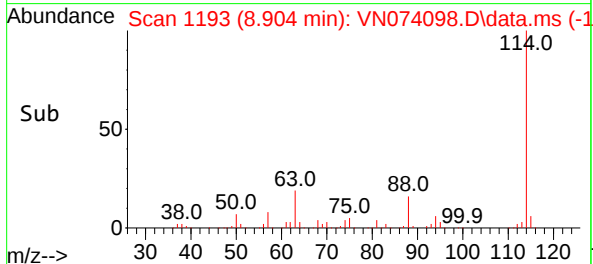
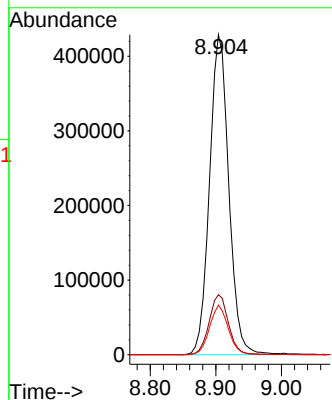
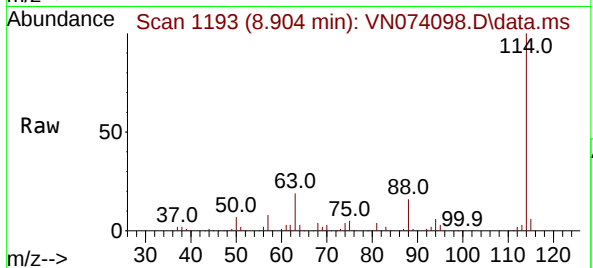
Tgt Ion:114 Resp: 876594

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.262 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074098.D

Acq: 24 Aug 2022 17:54

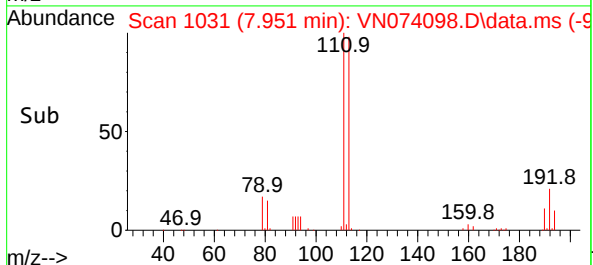
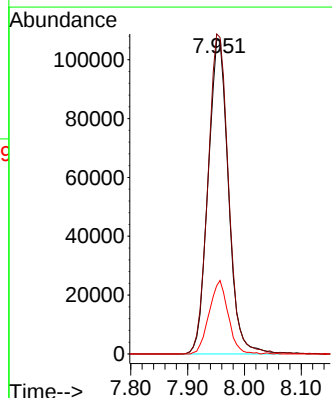
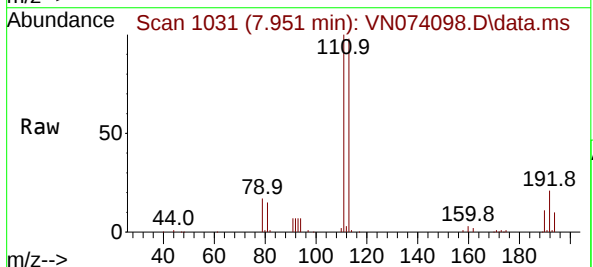
Tgt Ion:113 Resp: 265745

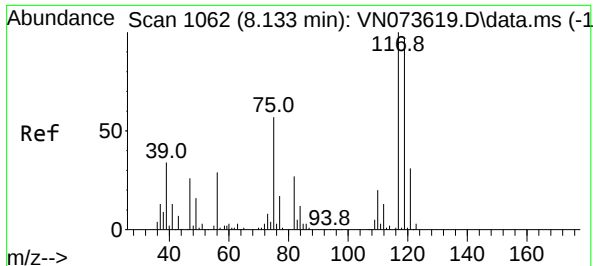
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 21.9 17.0 25.6

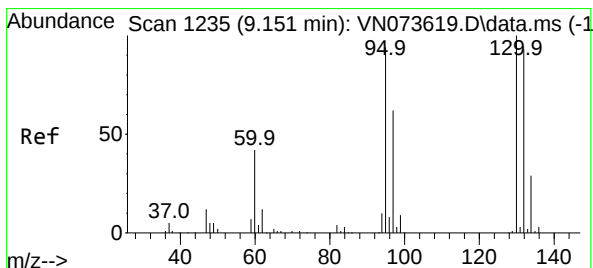
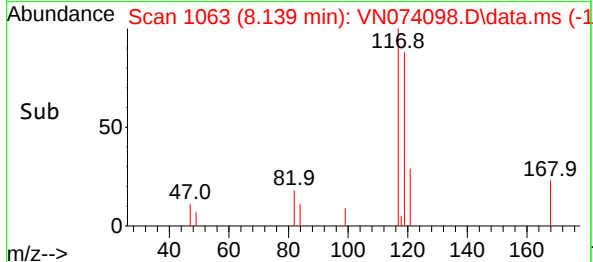
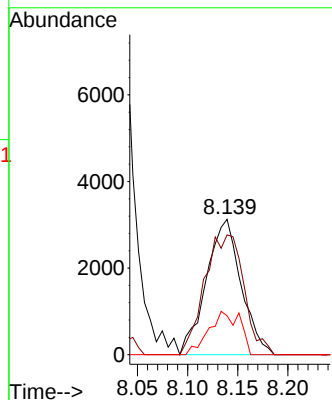
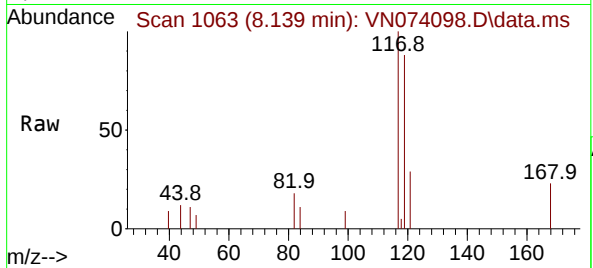




#38
Carbon Tetrachloride
Concen: 0.919 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

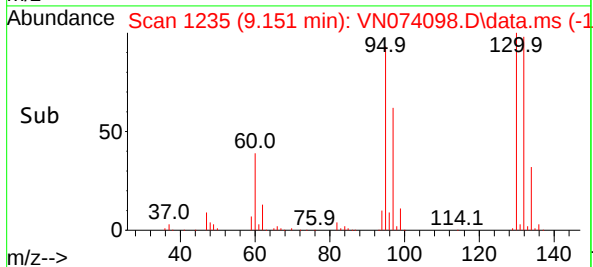
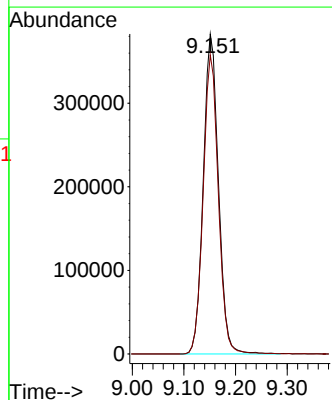
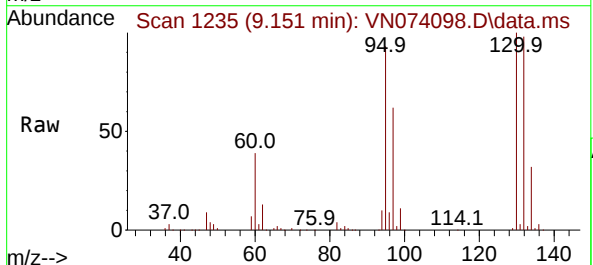
Instrument :
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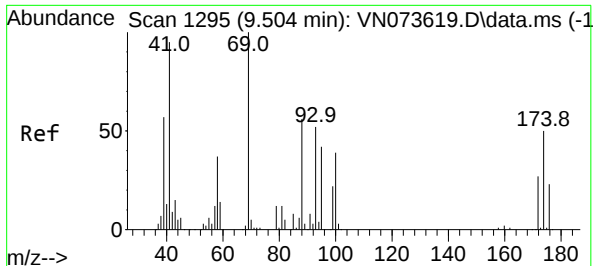
Tgt Ion:117 Resp: 7562
Ion Ratio Lower Upper
117 100
119 88.5 75.8 113.8
121 28.7 24.6 37.0



#44
Trichloroethene
Concen: 118.821 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Tgt Ion:130 Resp: 779931
Ion Ratio Lower Upper
130 100
95 93.4 0.0 186.8





#49

1,4-Dioxane

Concen: 3.503 ug/l

RT: 9.516 min Scan# 1295

Delta R.T. 0.012 min

Lab File: VN074098.D

Acq: 24 Aug 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE139D1-20220817

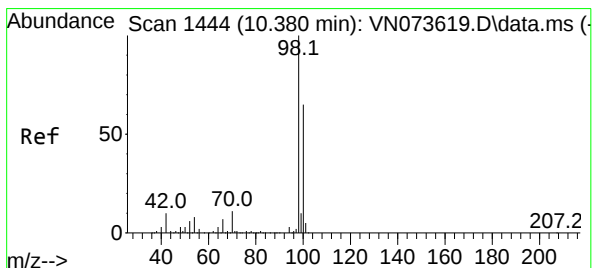
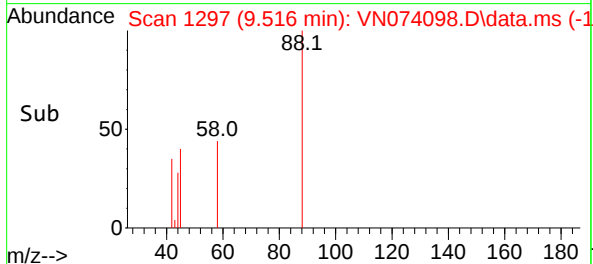
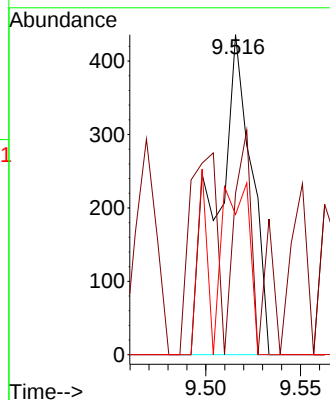
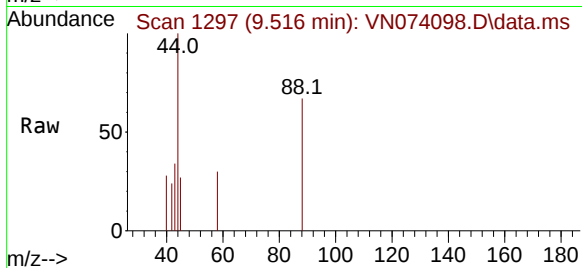
Tgt Ion: 88 Resp: 554

Ion Ratio Lower Upper

88 100

43 45.3 20.2 30.4#

58 41.7 54.2 81.4#



#50

Toluene-d8

Concen: 48.554 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074098.D

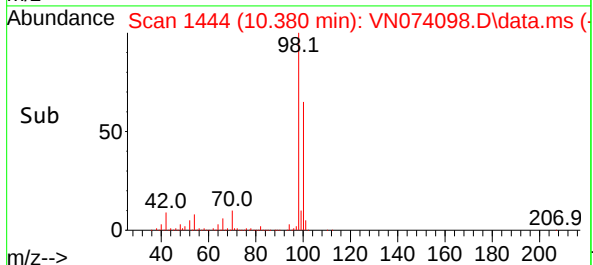
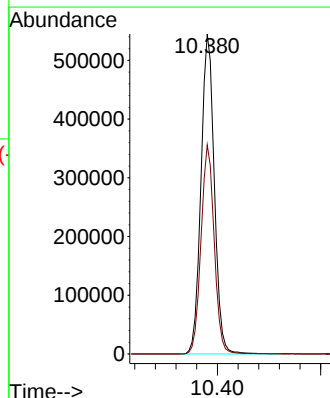
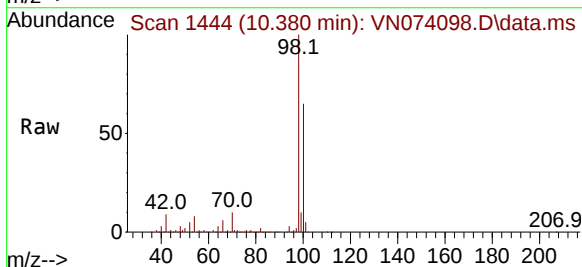
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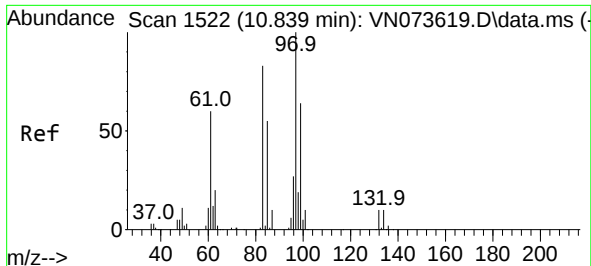
Tgt Ion: 98 Resp: 974846

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

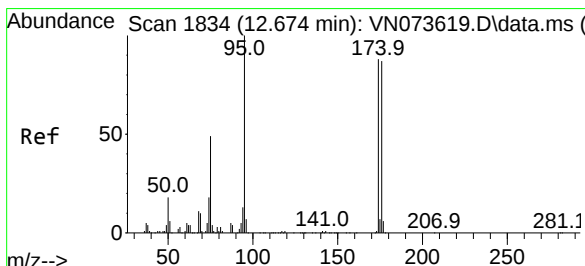
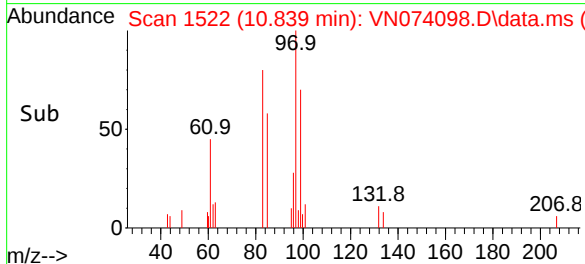
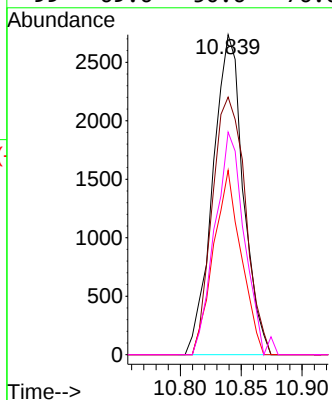
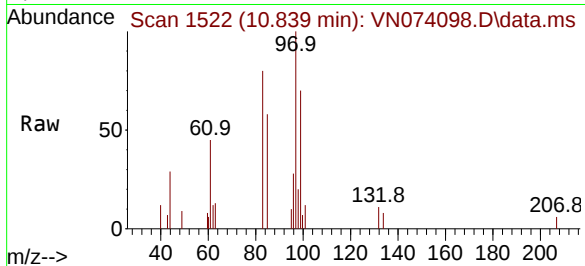




#55
1,1,2-Trichloroethane
Concen: 0.785 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

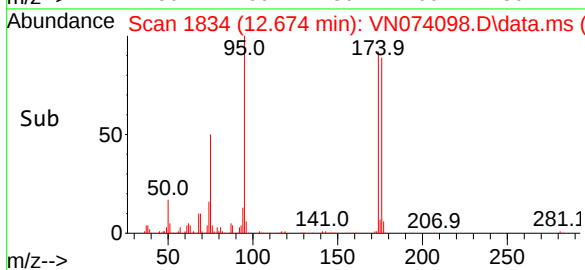
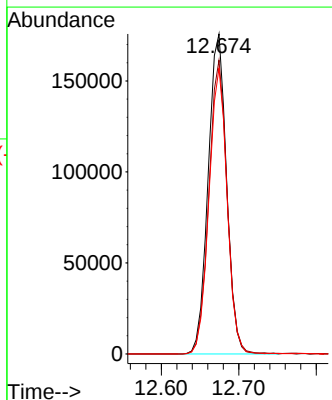
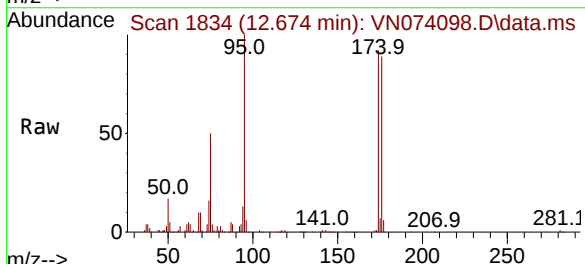
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817

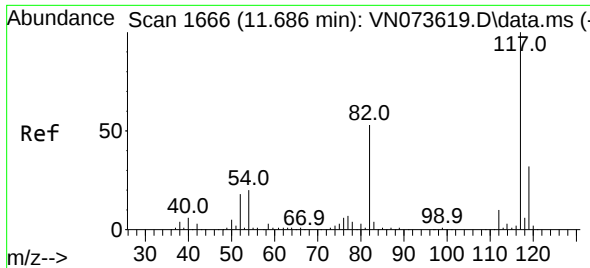
Tgt Ion:	97	Resp:	4756
Ion	Ratio	Lower	Upper
97	100		
83	80.5	66.2	99.4
85	57.6	43.9	65.9
99	69.6	50.6	76.0



#62
4-Bromofluorobenzene
Concen: 43.527 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Tgt Ion:	95	Resp:	290036
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	167.6
176	87.9	0.0	163.4

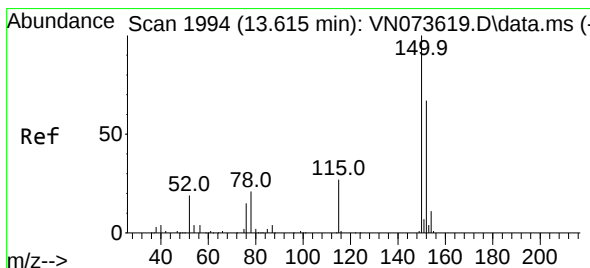
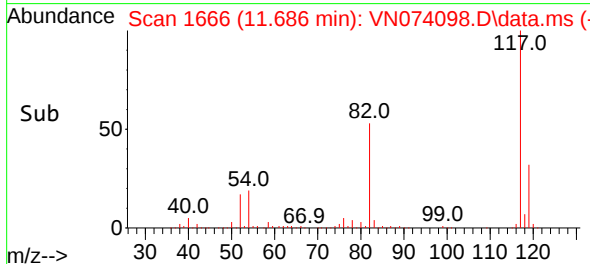
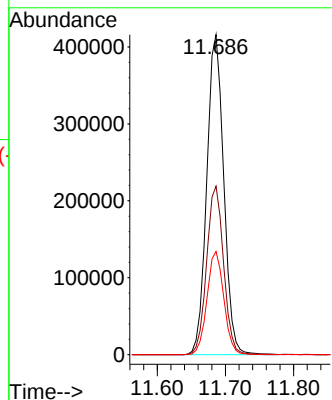
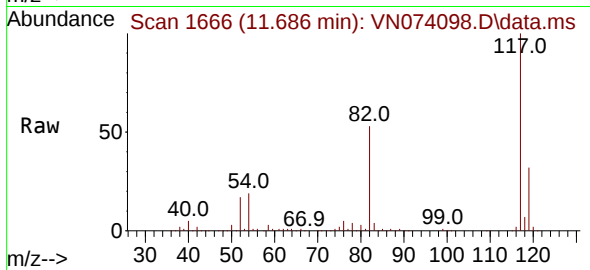




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20220817

Tgt Ion:117 Resp: 721506
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074098.D
Acq: 24 Aug 2022 17:54

Tgt Ion:152 Resp: 289664
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 157.7 0.0 356.2

