

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074412.D
 Acq On : 12 Sep 2022 14:34
 Operator : JC\MD
 Sample : N4471-03DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-11-16-083022DL

Quant Time: Sep 13 05:55:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

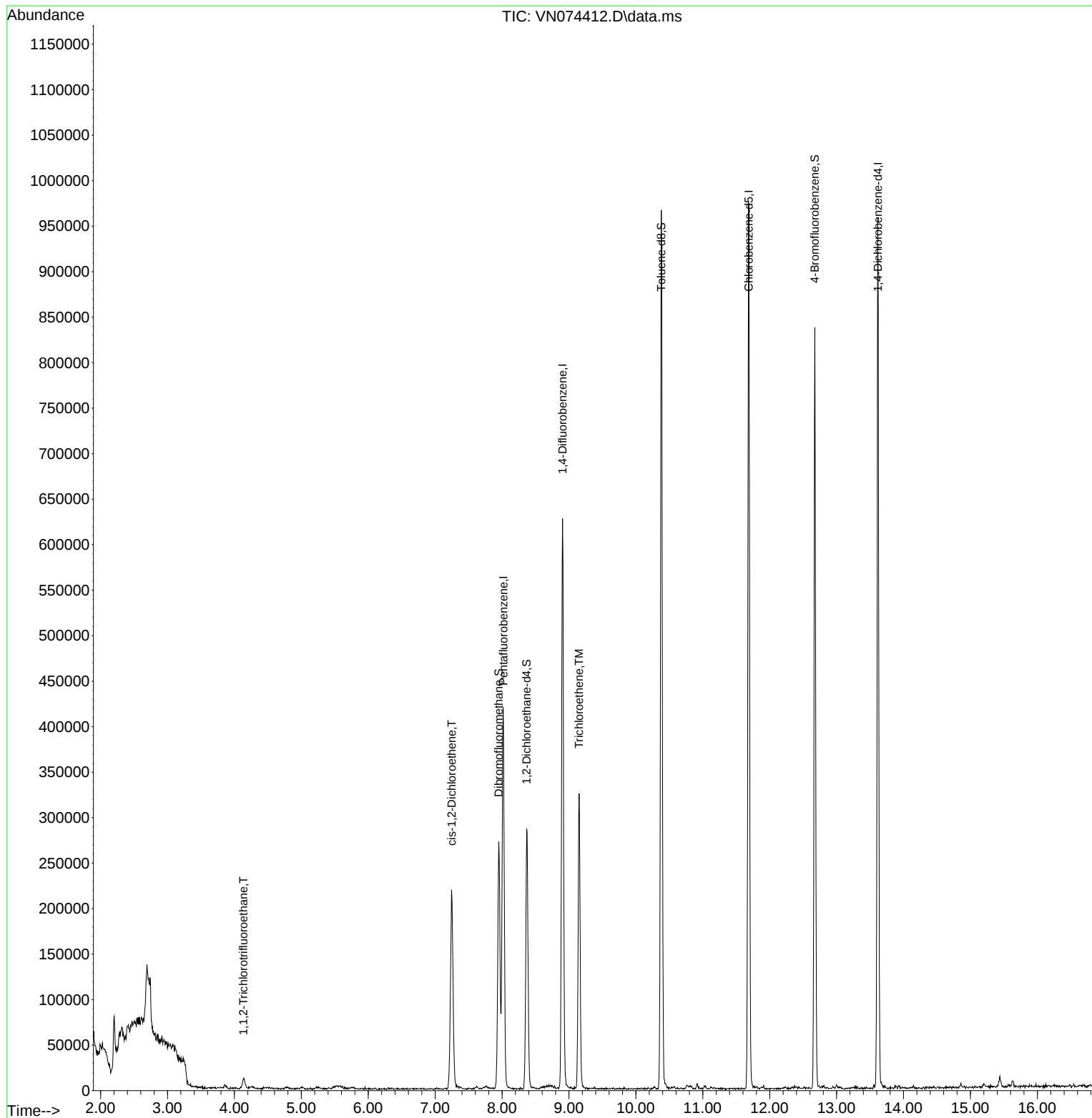
Internal Standards						
1) Pentafluorobenzene	8.022	168	296340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	515058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	498916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	225867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229856	44.831	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	7.951	113	185984	53.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.380	98	620166	45.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.674	95	243210	49.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.134	101	5721	1.507	ug/l #	73
27) cis-1,2-Dichloroethene	7.245	96	114411	22.434	ug/l	89
44) Trichloroethene	9.151	130	107411	27.317	ug/l	98

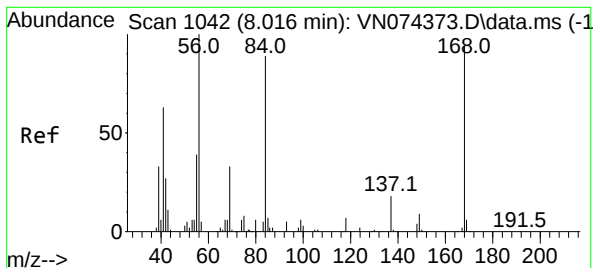
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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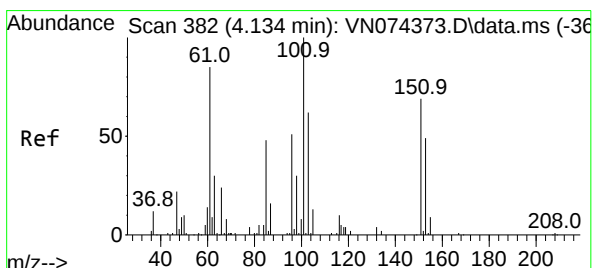
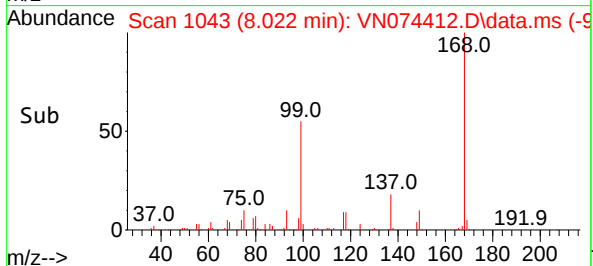
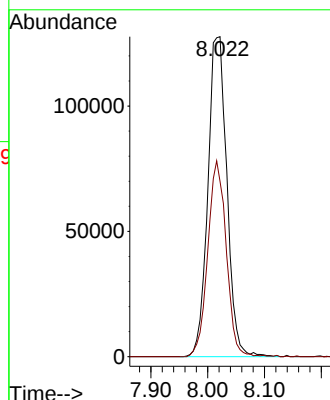
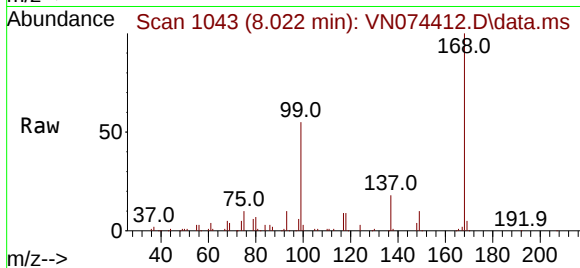




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074412.D
Acq: 12 Sep 2022 14:34

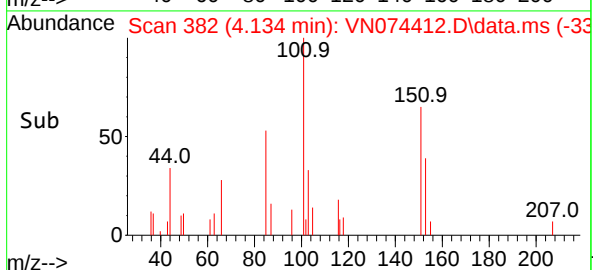
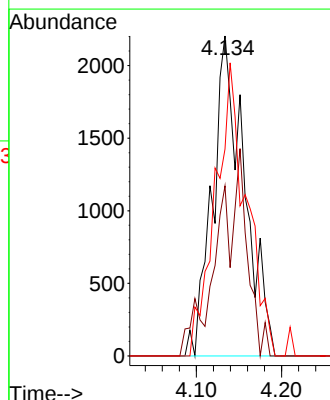
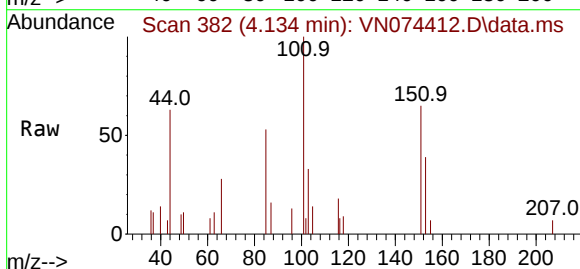
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-11-16-083022DL

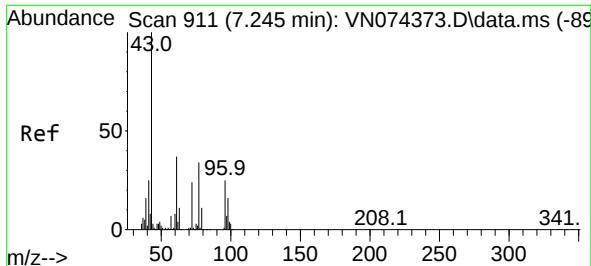
Tgt Ion:168 Resp: 296340
Ion Ratio Lower Upper
168 100
99 54.7 52.8 79.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.507 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074412.D
Acq: 12 Sep 2022 14:34

Tgt Ion:101 Resp: 5721
Ion Ratio Lower Upper
101 100
85 23.8 39.5 59.3#
151 89.0 57.8 86.6#

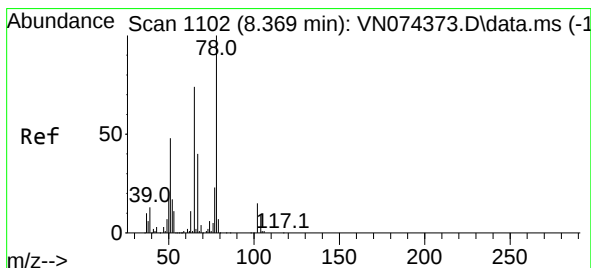
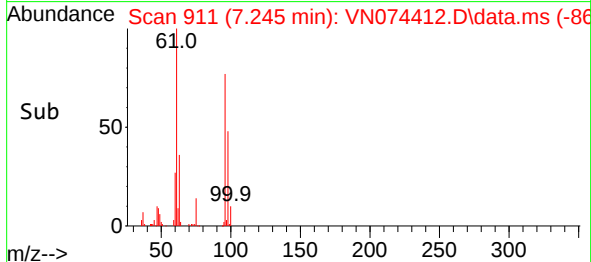
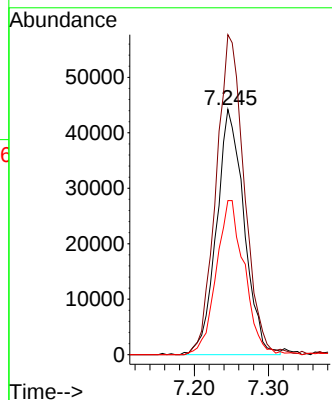
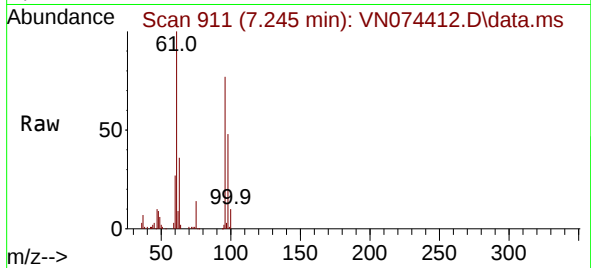




#27
 cis-1,2-Dichloroethene
 Concen: 22.434 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074412.D
 Acq: 12 Sep 2022 14:34

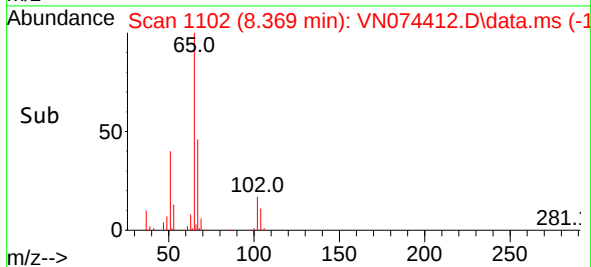
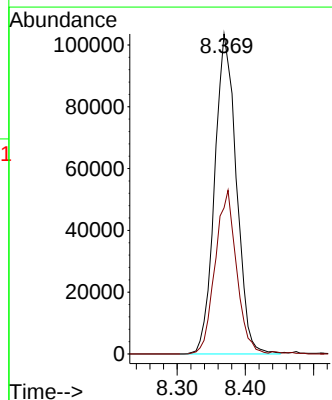
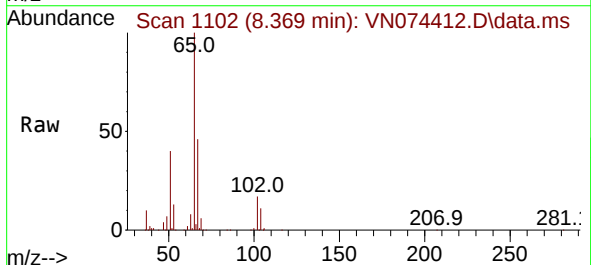
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-11-16-083022DL

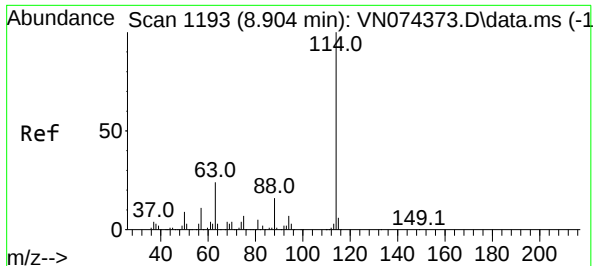
Tgt Ion: 96 Resp: 114411
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 306.2
 98 64.3 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 44.831 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074412.D
 Acq: 12 Sep 2022 14:34

Tgt Ion: 65 Resp: 229856
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074412.D

Acq: 12 Sep 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-11-16-083022DL

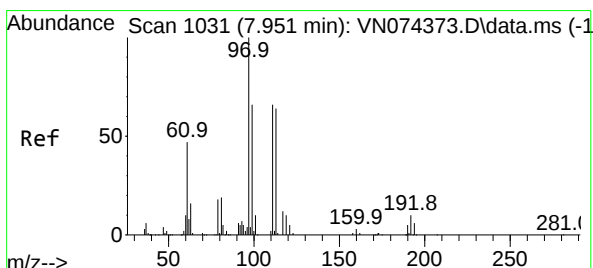
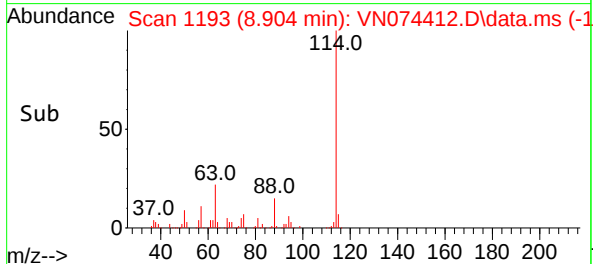
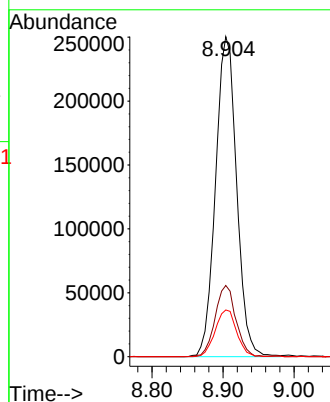
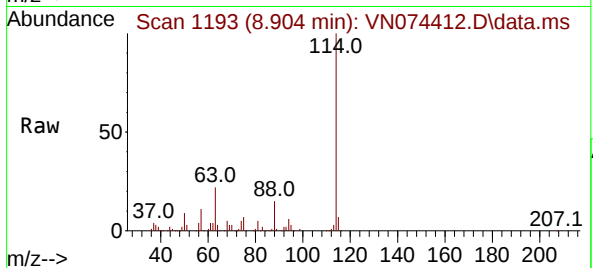
Tgt Ion:114 Resp: 515058

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

88 14.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.488 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074412.D

Acq: 12 Sep 2022 14:34

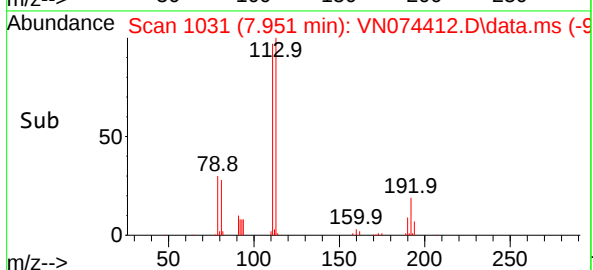
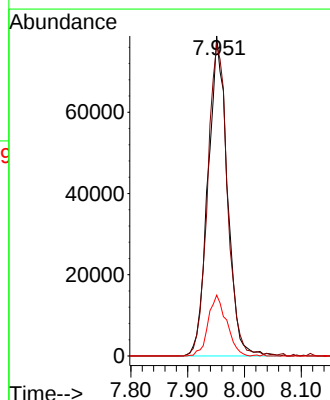
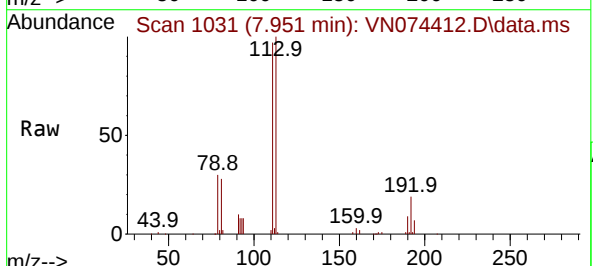
Tgt Ion:113 Resp: 185984

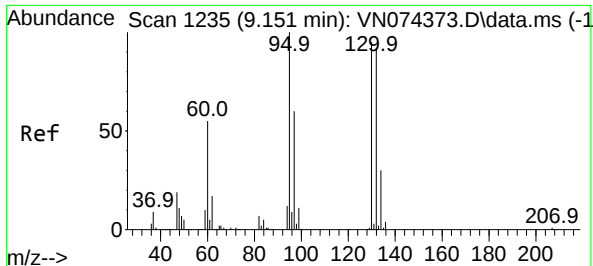
Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.4

192 18.1 13.7 20.5

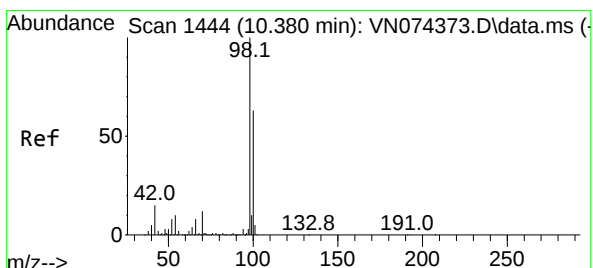
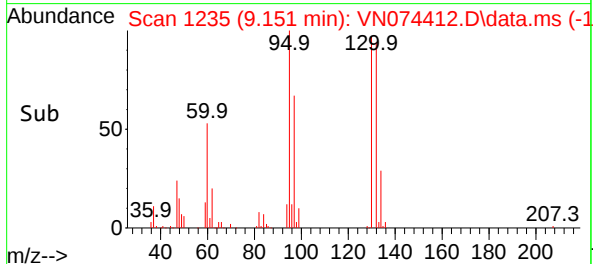
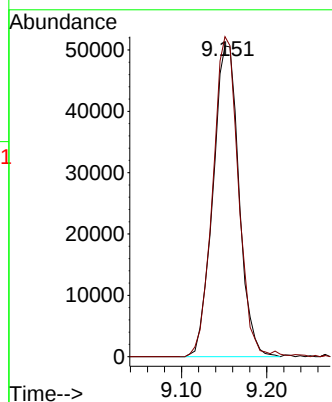
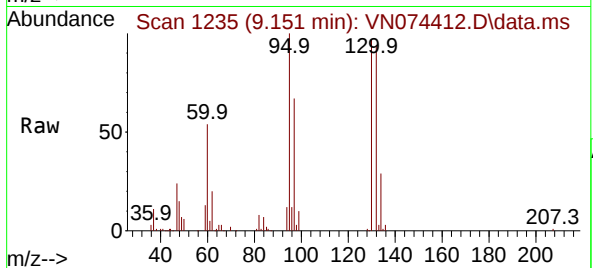




#44
Trichloroethene
Concen: 27.317 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074412.D
Acq: 12 Sep 2022 14:34

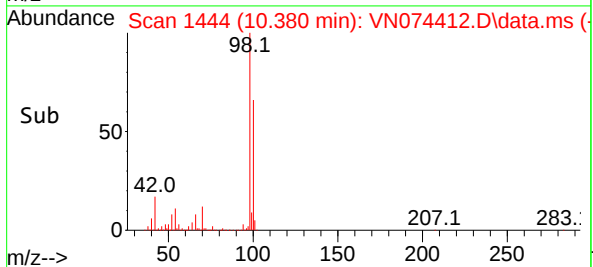
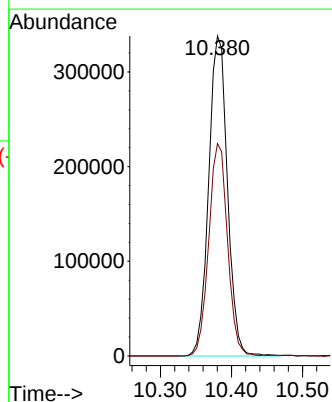
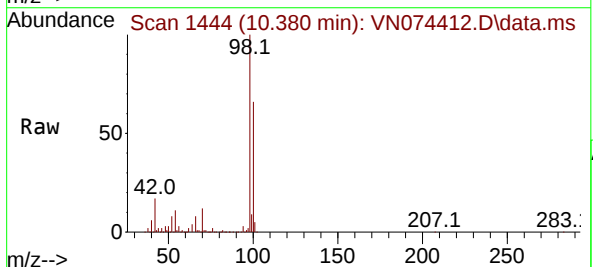
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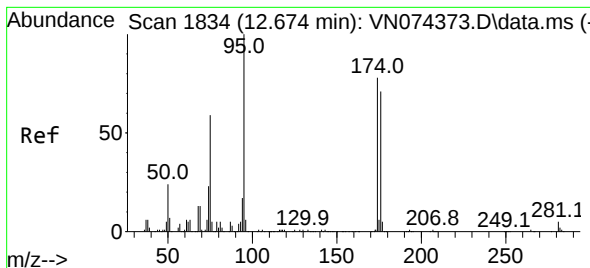
Tgt Ion:130 Resp: 107411
Ion Ratio Lower Upper
130 100
95 103.0 0.0 210.0



#50
Toluene-d8
Concen: 45.774 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074412.D
Acq: 12 Sep 2022 14:34

Tgt Ion: 98 Resp: 620166
Ion Ratio Lower Upper
98 100
100 66.3 50.6 76.0





#62

4-Bromofluorobenzene

Concen: 49.443 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN074412.D

Acq: 12 Sep 2022 14:34

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-11-16-083022DL

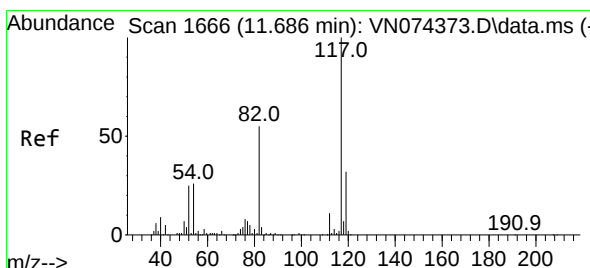
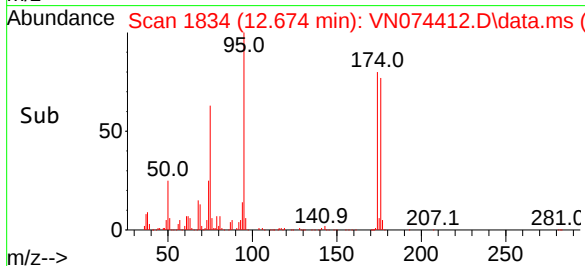
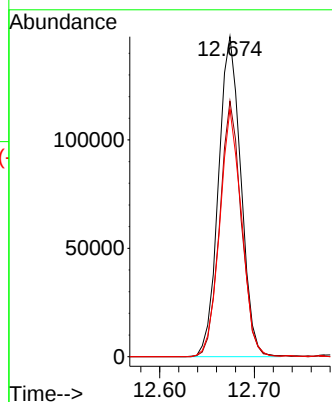
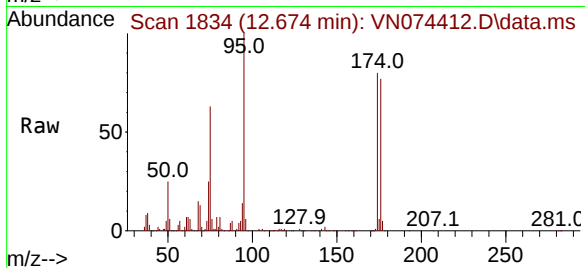
Tgt Ion: 95 Resp: 243210

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 75.2 0.0 143.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VN074412.D

Acq: 12 Sep 2022 14:34

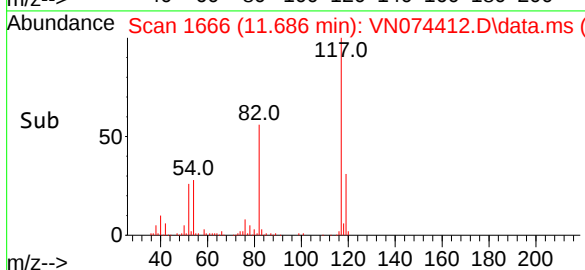
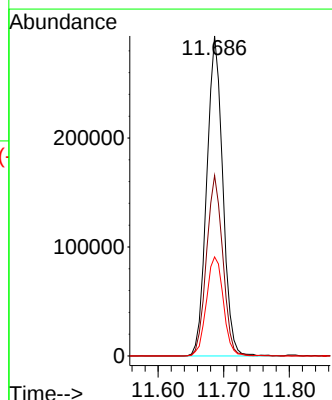
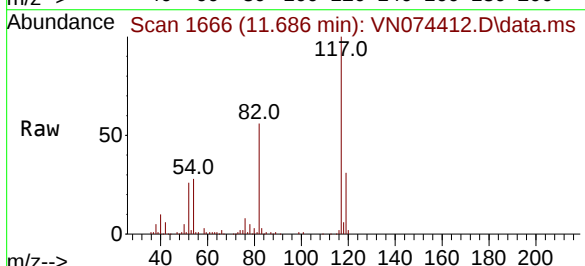
Tgt Ion: 117 Resp: 498916

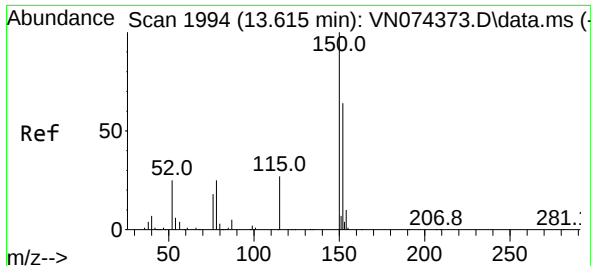
Ion Ratio Lower Upper

117 100

82 56.4 44.3 66.5

119 31.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074412.D
 Acq: 12 Sep 2022 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-11-16-083022DL

Tgt Ion:152 Resp: 225867
 Ion Ratio Lower Upper
 152 100
 115 61.0 32.0 96.0
 150 158.1 0.0 359.6

