

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074415.D
 Acq On : 12 Sep 2022 17:56
 Operator : JC\MD
 Sample : N4471-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12A-13-18-083122

Quant Time: Sep 13 05:56:38 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)

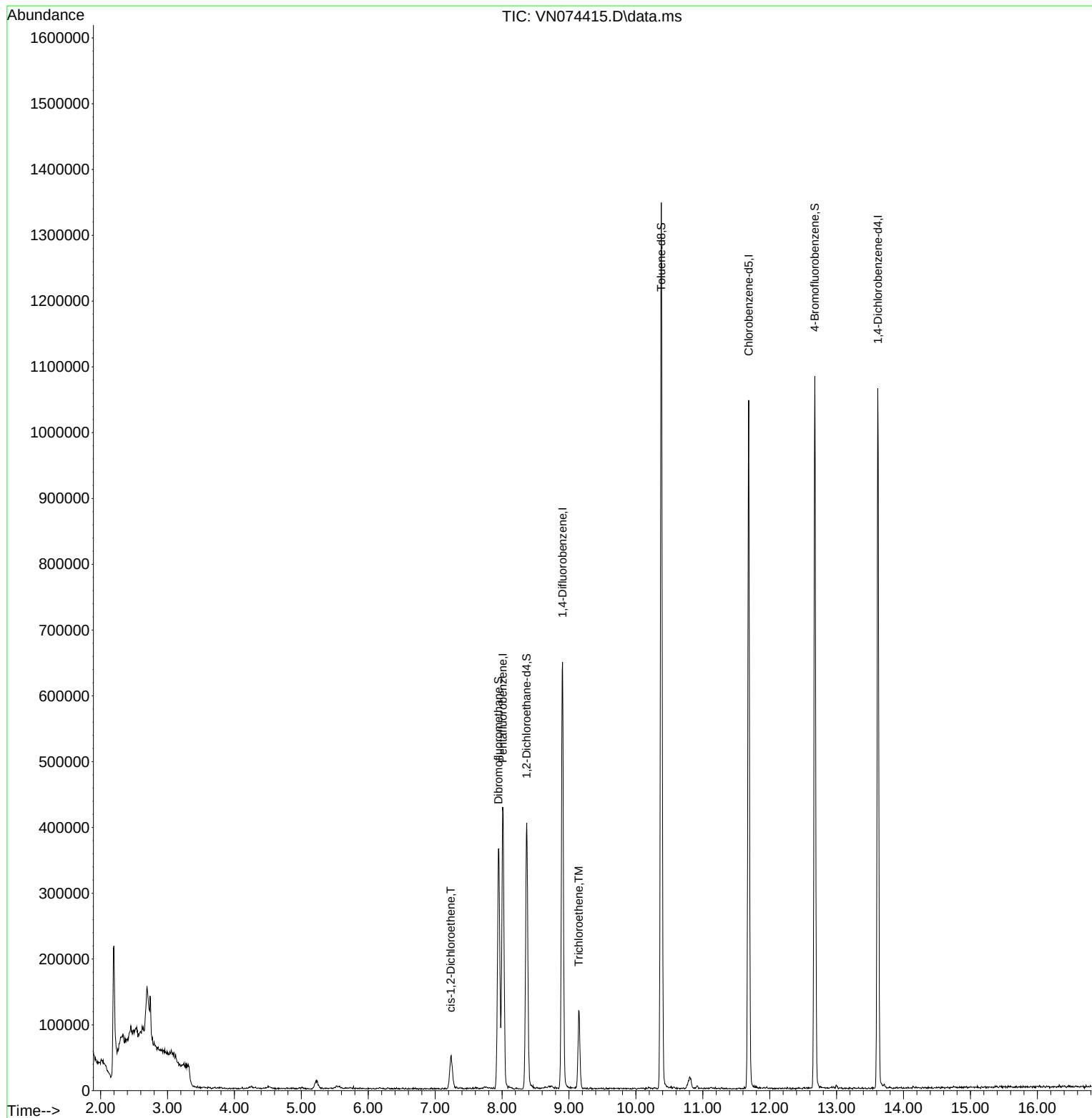
Internal Standards						
1) Pentafluorobenzene	8.010	168	303681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	530440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	532362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	246117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	317889	60.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	121.000%
35) Dibromofluoromethane	7.945	113	254153	70.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	141.940%#
50) Toluene-d8	10.380	98	858321	61.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	123.020%#
62) 4-Bromofluorobenzene	12.674	95	320172	63.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	126.400%#
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.234	96	9491	1.816	ug/l #	13
44) Trichloroethene	9.145	130	35853	8.854	ug/l	95

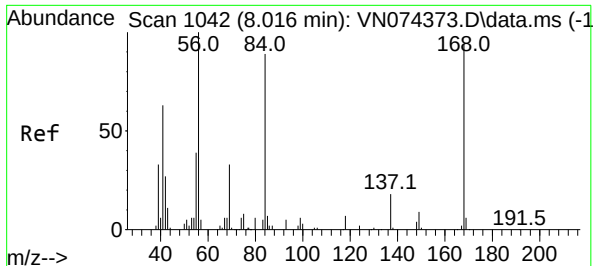
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
Data File : VN074415.D
Acq On : 12 Sep 2022 17:56
Operator : JC\MD
Sample : N4471-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-12A-13-18-083122

Quant Time: Sep 13 05:56:38 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

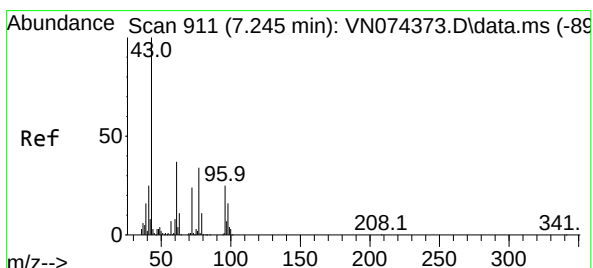
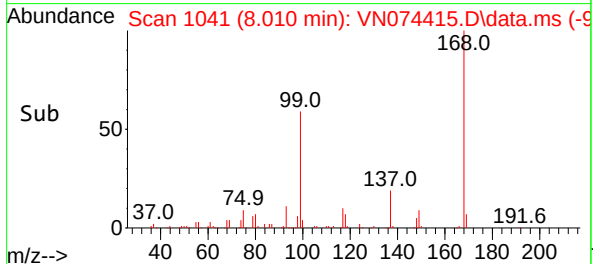
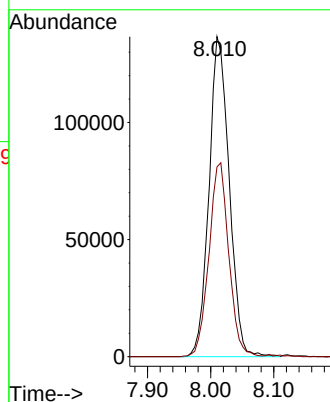
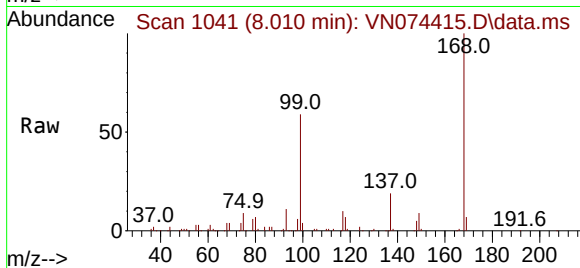




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074415.D
Acq: 12 Sep 2022 17:56

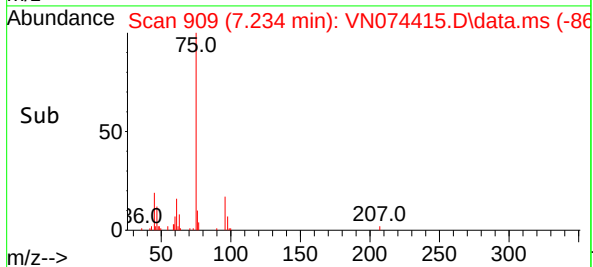
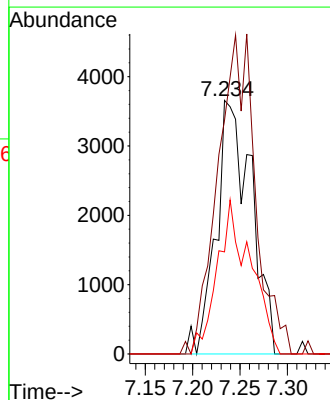
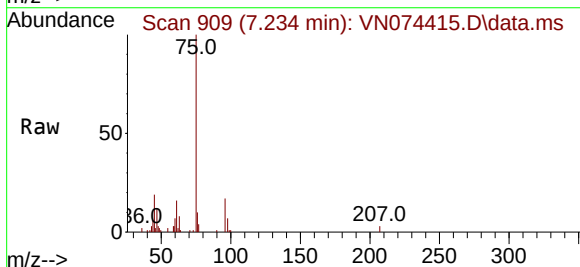
Instrument :
MSVOA_N
ClientSampleId :
MW-12A-13-18-083122

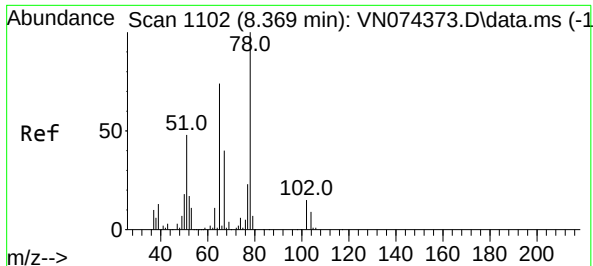
Tgt Ion:168 Resp: 303681
Ion Ratio Lower Upper
168 100
99 59.3 52.8 79.2



#27
cis-1,2-Dichloroethene
Concen: 1.816 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.012 min
Lab File: VN074415.D
Acq: 12 Sep 2022 17:56

Tgt Ion: 96 Resp: 9491
Ion Ratio Lower Upper
96 100
61 0.0 0.0 306.2
98 57.4 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 60.503 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074415.D

Acq: 12 Sep 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

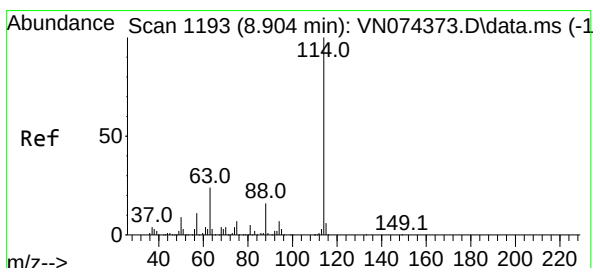
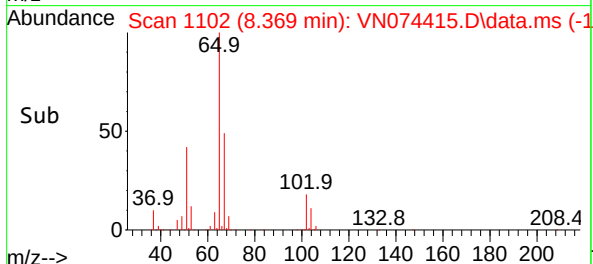
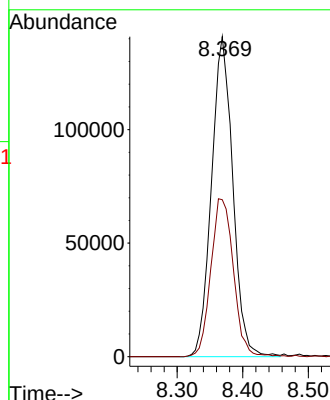
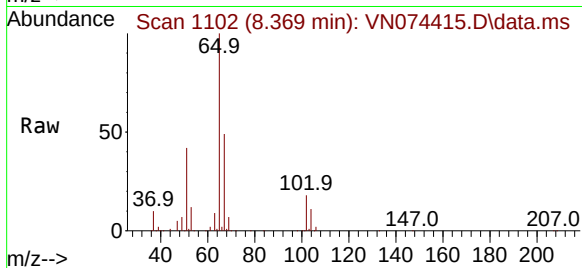
MW-12A-13-18-083122

Tgt Ion: 65 Resp: 317889

Ion Ratio Lower Upper

65 100

67 52.3 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: VN074415.D

Acq: 12 Sep 2022 17:56

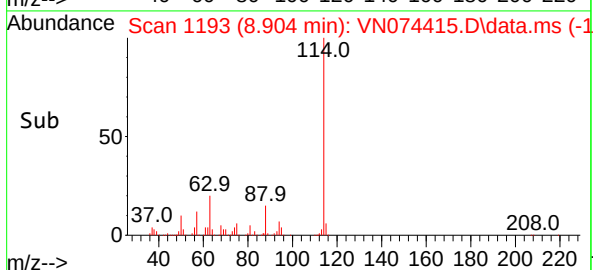
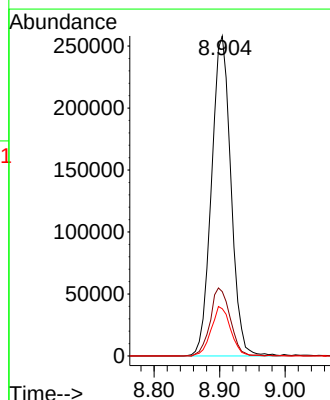
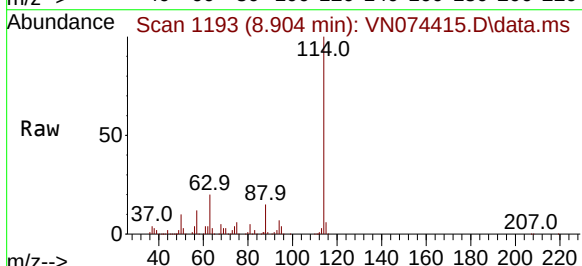
Tgt Ion: 114 Resp: 530440

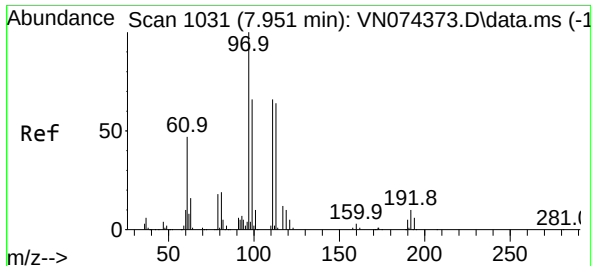
Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 70.973 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074415.D

Acq: 12 Sep 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

MW-12A-13-18-083122

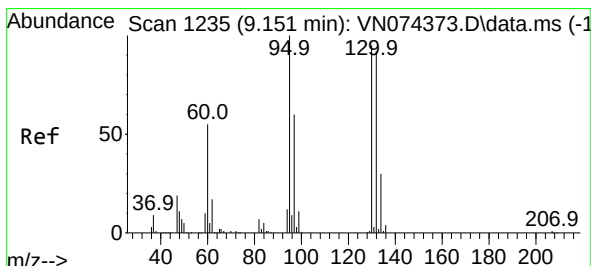
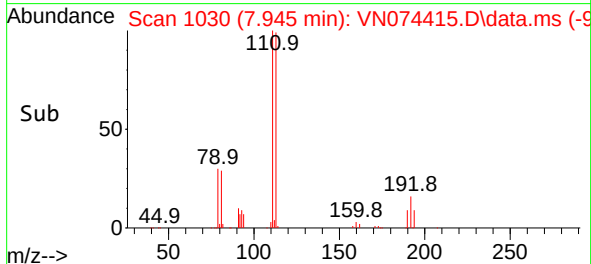
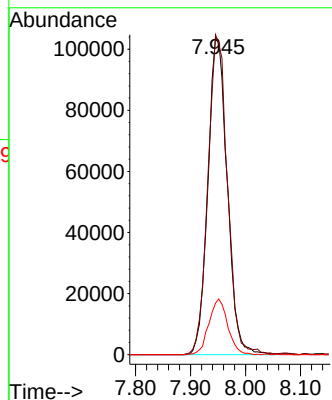
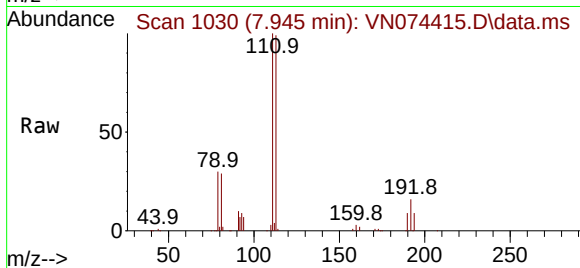
Tgt Ion:113 Resp: 254153

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 17.1 13.7 20.5



#44

Trichloroethene

Concen: 8.854 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN074415.D

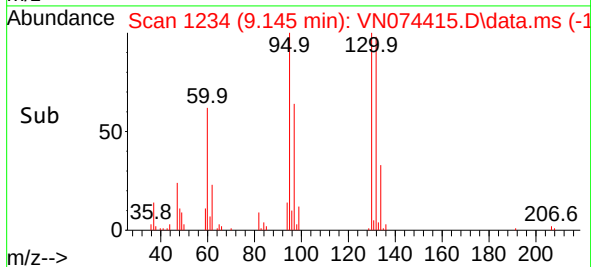
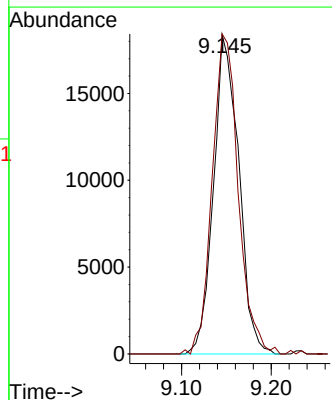
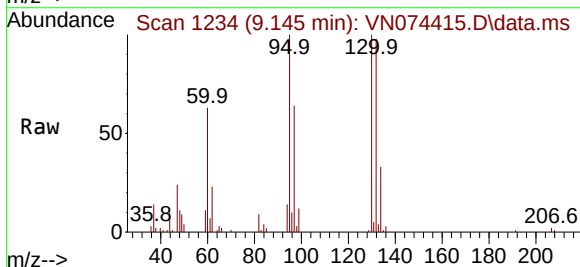
Acq: 12 Sep 2022 17:56

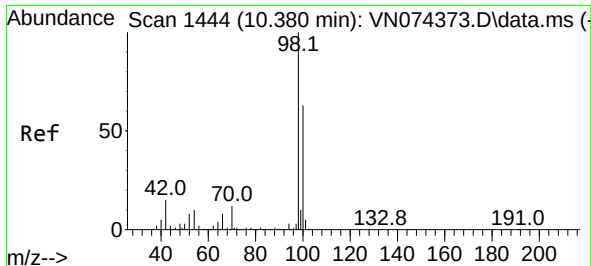
Tgt Ion:130 Resp: 35853

Ion Ratio Lower Upper

130 100

95 100.2 0.0 210.0

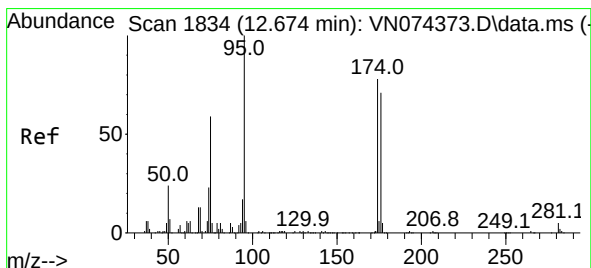
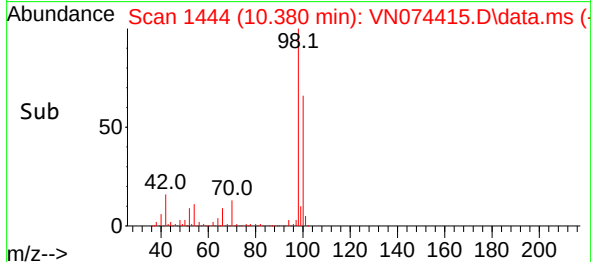
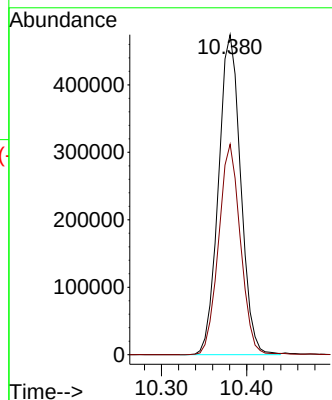
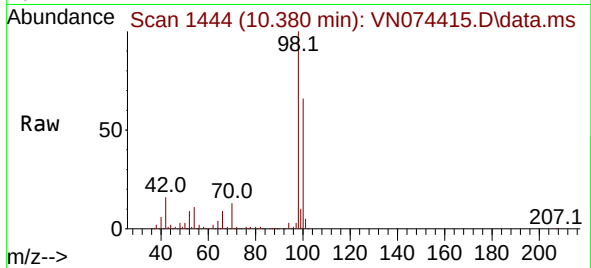




#50
Toluene-d8
Concen: 61.514 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074415.D
Acq: 12 Sep 2022 17:56

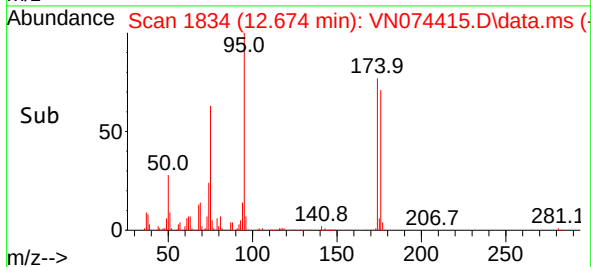
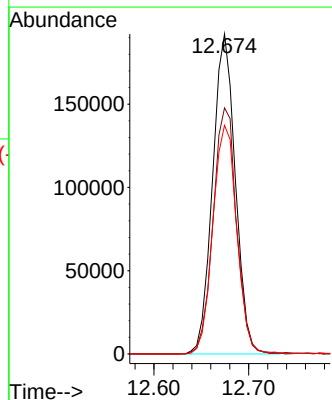
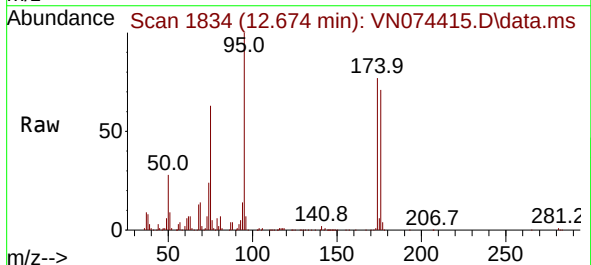
Instrument :
MSVOA_N
ClientSampleId :
MW-12A-13-18-083122

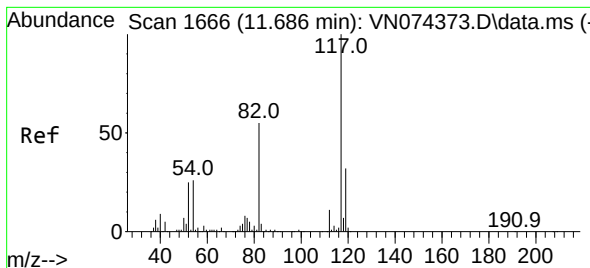
Tgt Ion: 98 Resp: 858321
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 63.201 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074415.D
Acq: 12 Sep 2022 17:56

Tgt Ion: 95 Resp: 320172
Ion Ratio Lower Upper
95 100
174 79.1 0.0 150.6
176 75.0 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074415.D

Acq: 12 Sep 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

MW-12A-13-18-083122

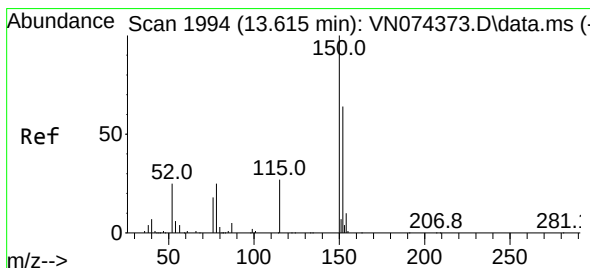
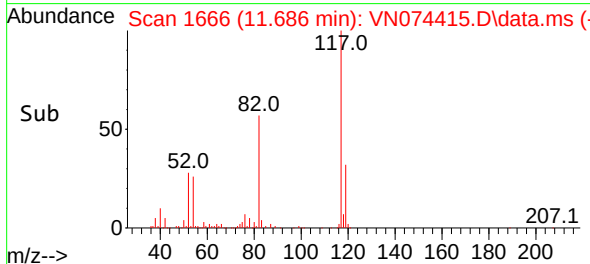
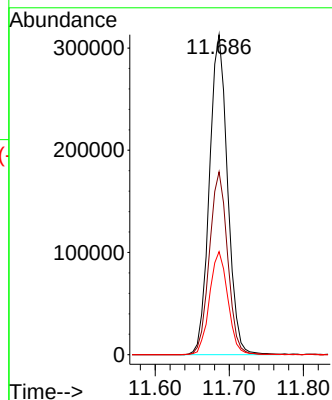
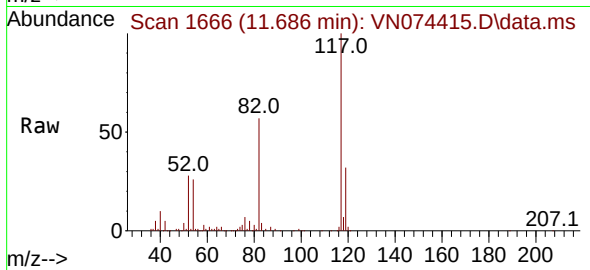
Tgt Ion:117 Resp: 532362

Ion Ratio Lower Upper

117 100

82 57.1 44.3 66.5

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074415.D

Acq: 12 Sep 2022 17:56

Tgt Ion:152 Resp: 246117

Ion Ratio Lower Upper

152 100

115 59.2 32.0 96.0

150 163.5 0.0 359.6

