

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074419.D
 Acq On : 12 Sep 2022 19:36
 Operator : JC\MD
 Sample : N4558-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-EB-20220908-

Quant Time: Sep 13 06:28:12 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)

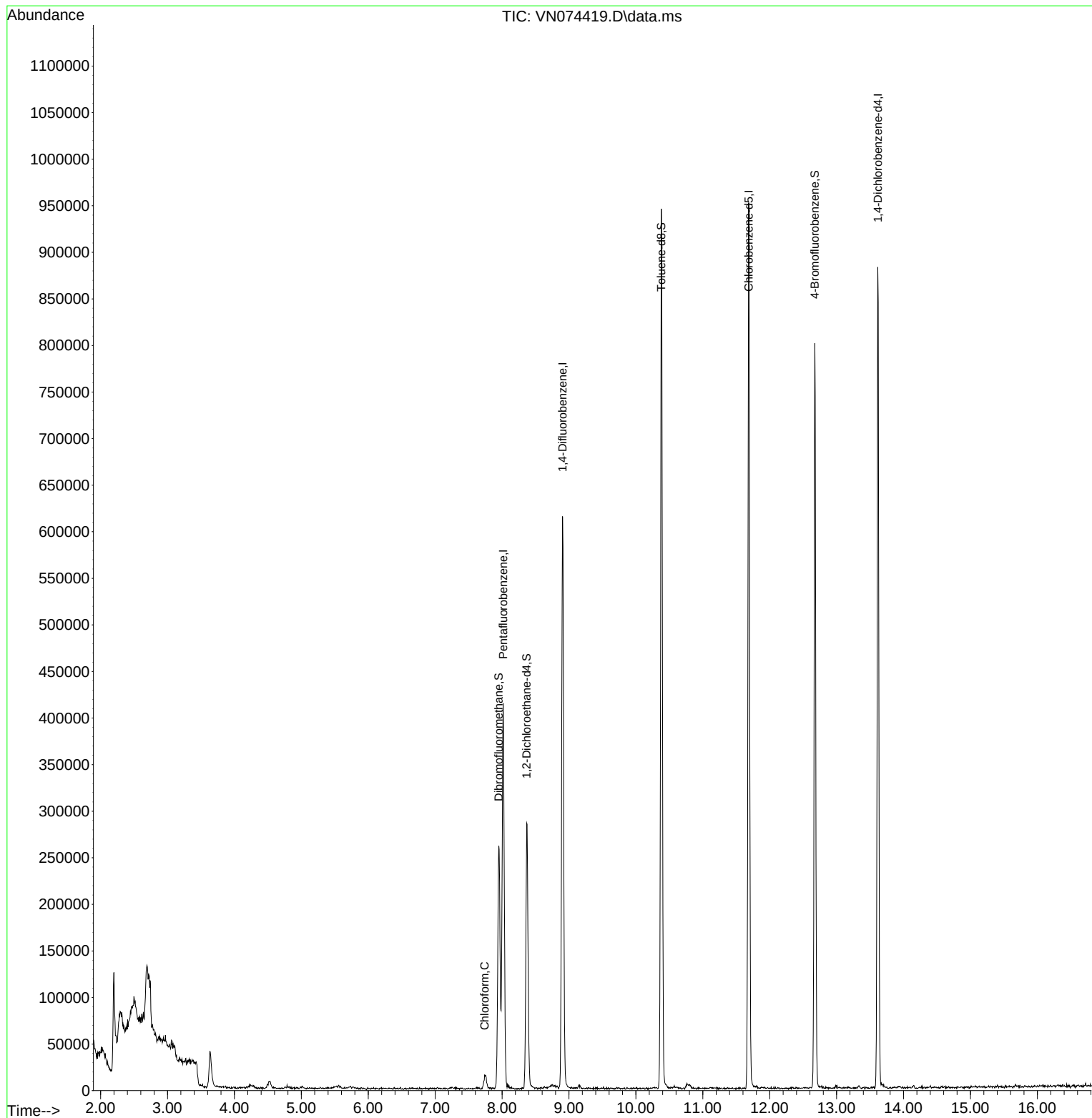
Internal Standards						
1) Pentafluorobenzene	8.016	168	289295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	502789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	479099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	211360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221545	44.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.520%
35) Dibromofluoromethane	7.951	113	182529	53.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.540%
50) Toluene-d8	10.380	98	605153	45.755	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.674	95	233193	48.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
30) Chloroform	7.739	83	10711	1.311	ug/l	Qvalue # 82

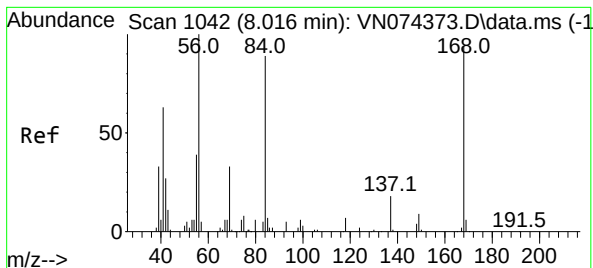
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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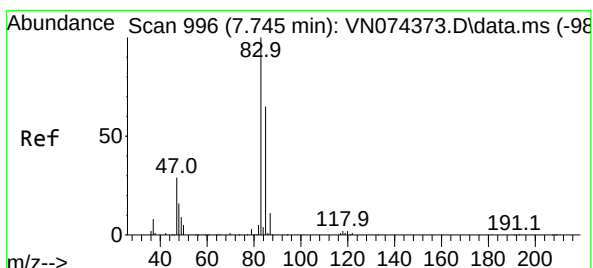
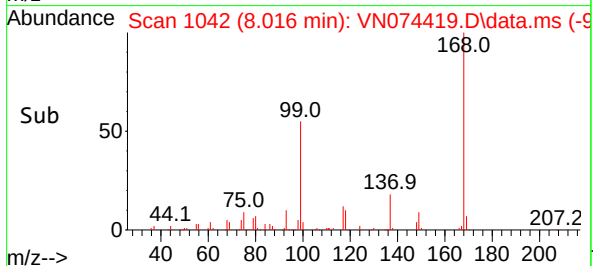
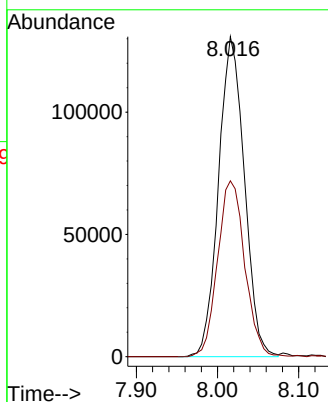
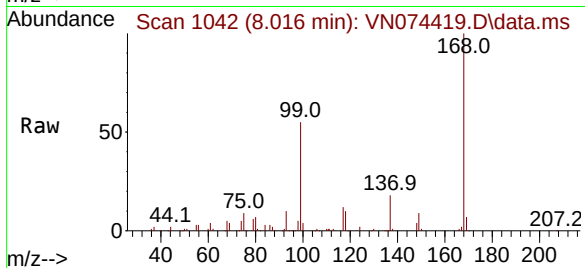




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074419.D
Acq: 12 Sep 2022 19:36

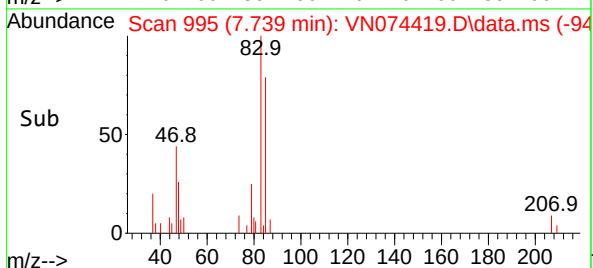
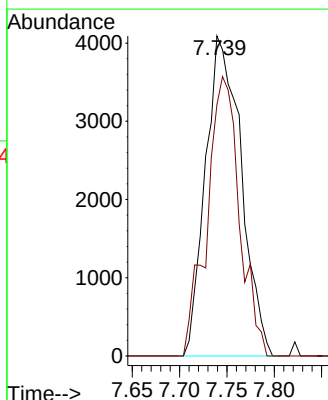
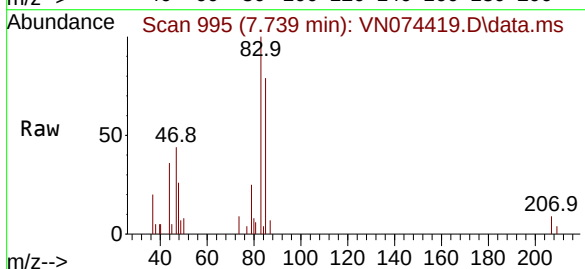
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-EB-20220908-

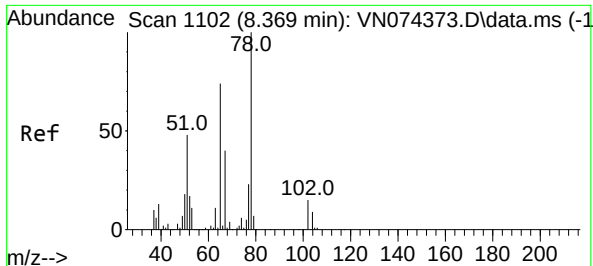
Tgt Ion:168 Resp: 289295
Ion Ratio Lower Upper
168 100
99 54.9 52.8 79.2



#30
Chloroform
Concen: 1.311 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN074419.D
Acq: 12 Sep 2022 19:36

Tgt Ion: 83 Resp: 10711
Ion Ratio Lower Upper
83 100
85 78.5 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 44.263 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074419.D

Acq: 12 Sep 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

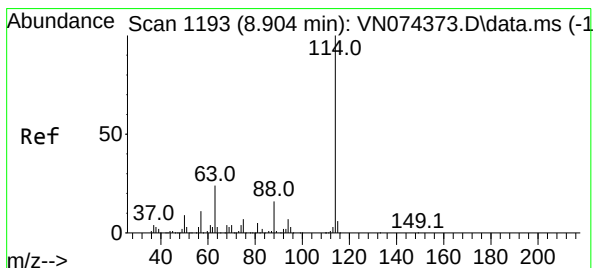
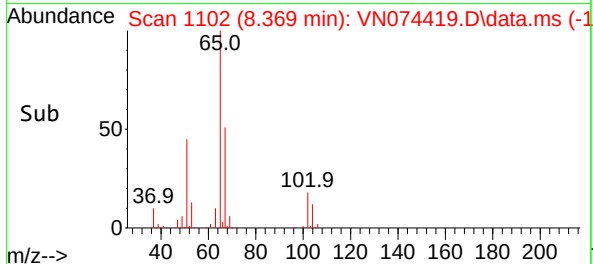
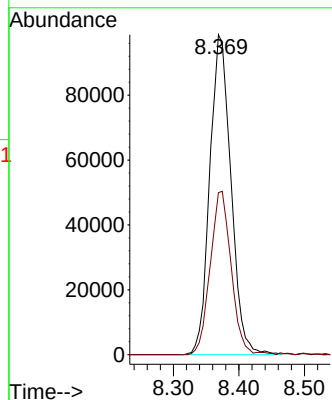
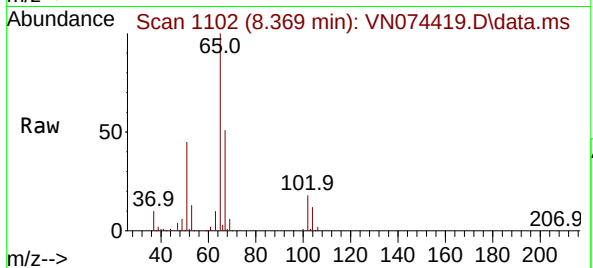
BP-VPB-RW5-GW-EB-20220908-

Tgt Ion: 65 Resp: 221545

Ion Ratio Lower Upper

65 100

67 50.5 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: VN074419.D

Acq: 12 Sep 2022 19:36

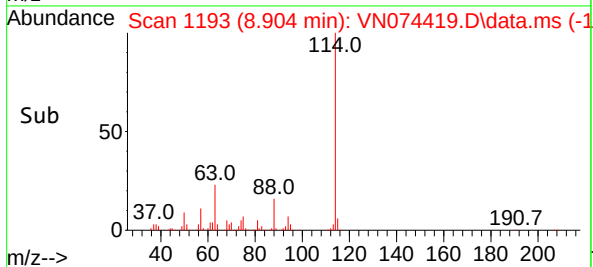
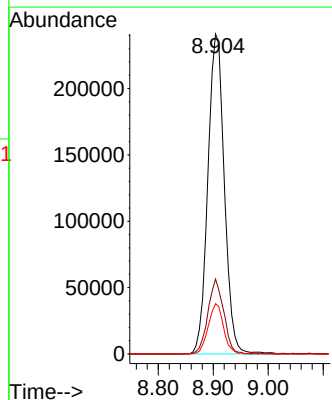
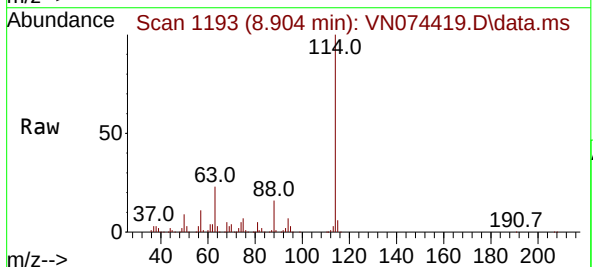
Tgt Ion: 114 Resp: 502789

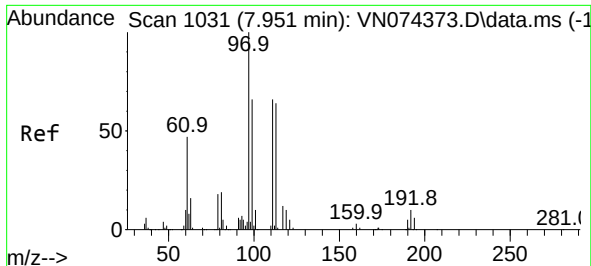
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.775 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074419.D

Acq: 12 Sep 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-EB-20220908-

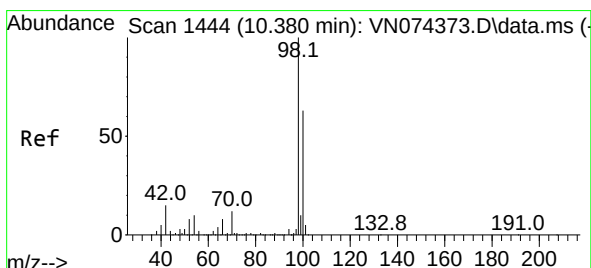
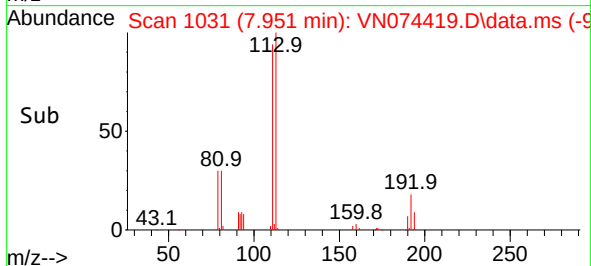
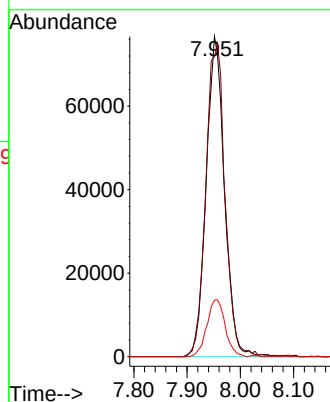
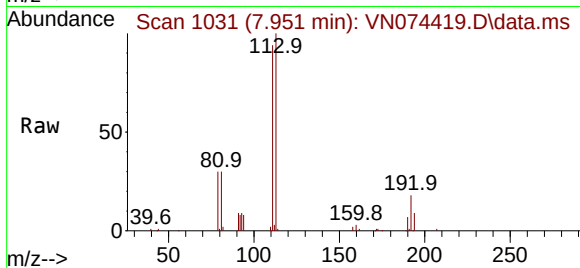
Tgt Ion:113 Resp: 182529

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 17.9 13.7 20.5



#50

Toluene-d8

Concen: 45.755 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074419.D

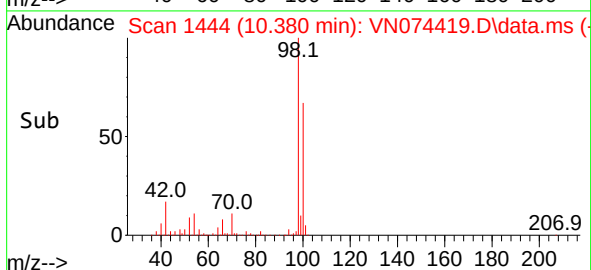
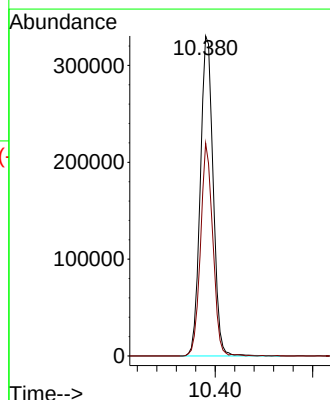
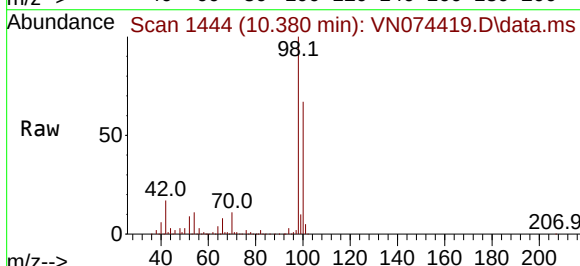
Acq: 12 Sep 2022 19:36

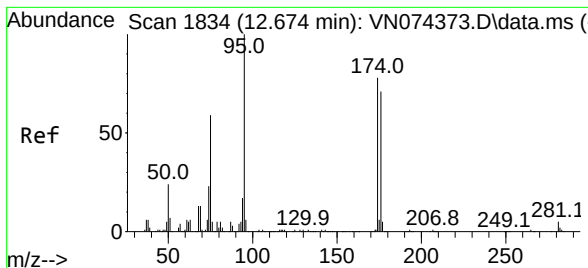
Tgt Ion: 98 Resp: 605153

Ion Ratio Lower Upper

98 100

100 63.6 50.6 76.0

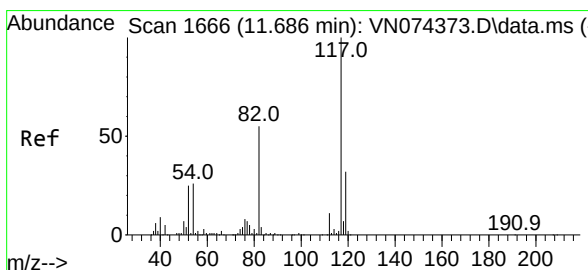
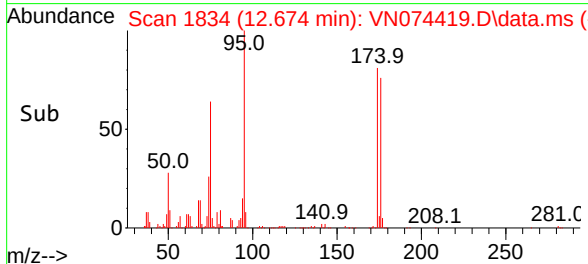
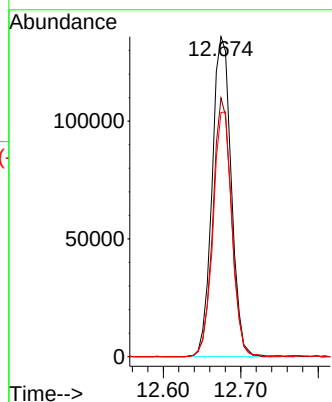
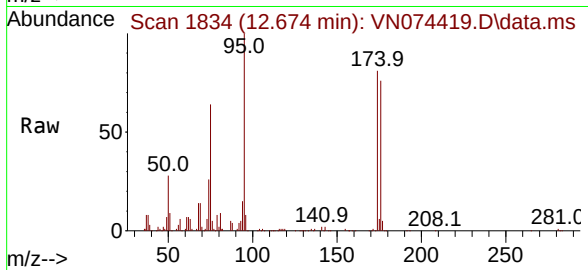




#62
4-Bromofluorobenzene
Concen: 48.563 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074419.D
Acq: 12 Sep 2022 19:36

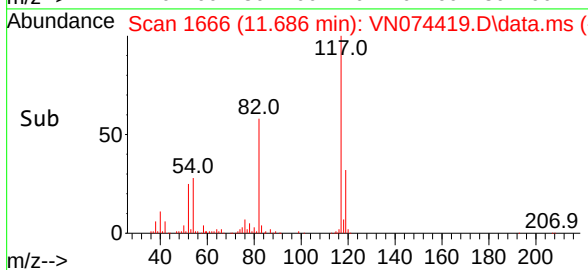
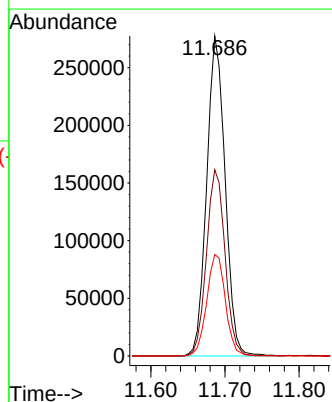
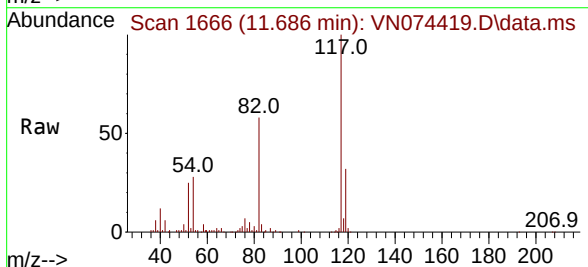
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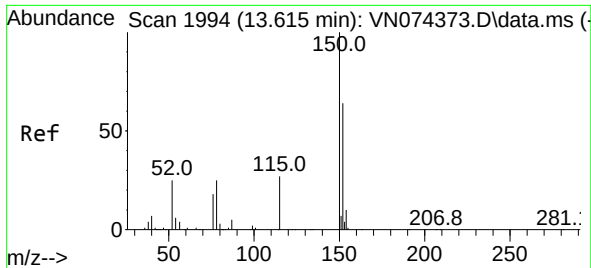
Tgt Ion: 95 Resp: 233193
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.6
176 75.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074419.D
Acq: 12 Sep 2022 19:36

Tgt Ion: 117 Resp: 479099
Ion Ratio Lower Upper
117 100
82 58.2 44.3 66.5
119 31.7 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: VN074419.D
 Acq: 12 Sep 2022 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-EB-20220908-

Tgt Ion:152 Resp: 211360
 Ion Ratio Lower Upper
 152 100
 115 59.4 32.0 96.0
 150 157.0 0.0 359.6

