

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074420.D
 Acq On : 12 Sep 2022 20:01
 Operator : JC\MD
 Sample : N4558-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-98-100

Quant Time: Sep 13 06:28:30 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)

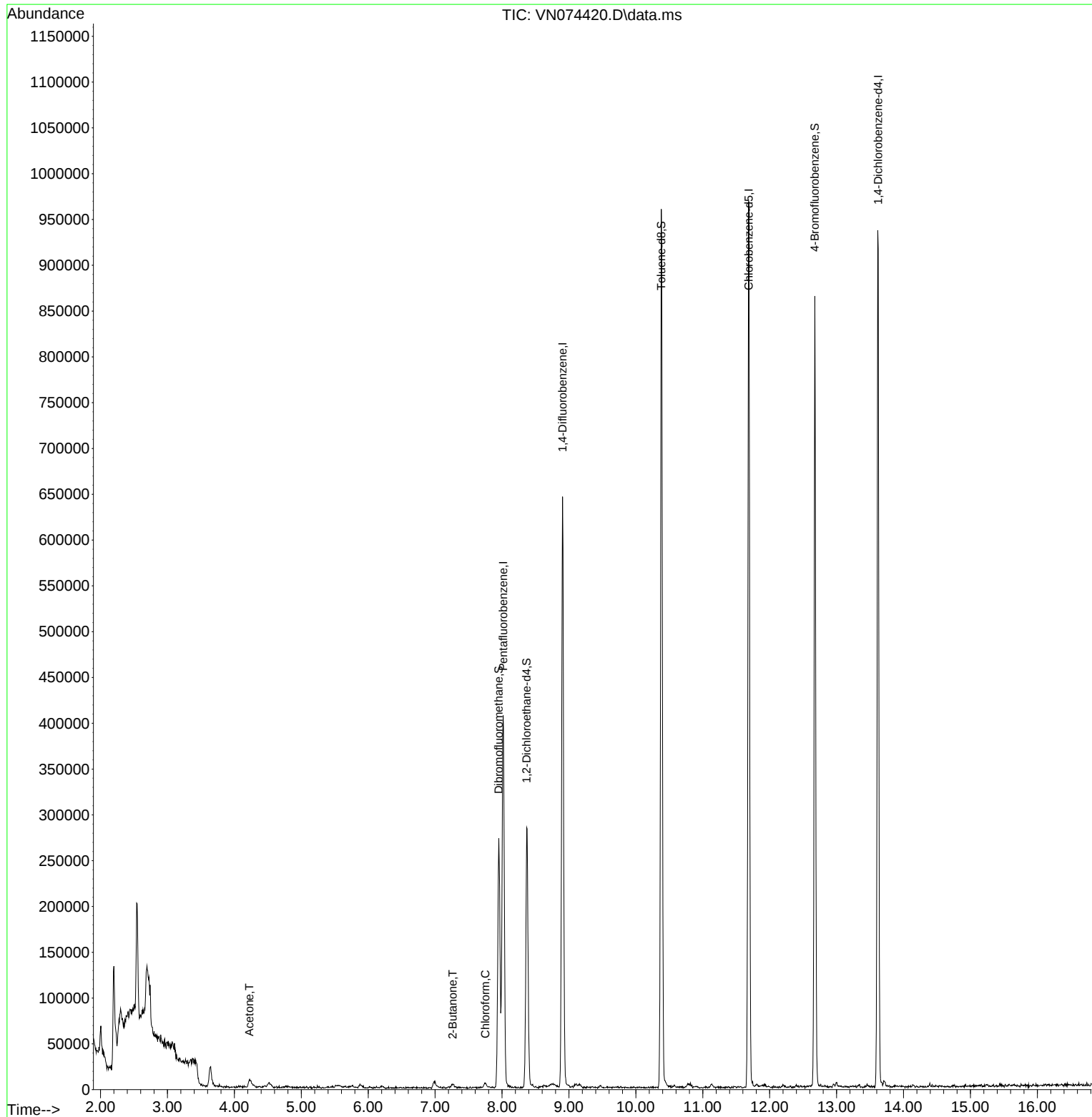
Internal Standards						
1) Pentafluorobenzene	8.016	168	291350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	513540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	488109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	221752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223574	44.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	7.951	113	181427	52.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	10.381	98	613636	45.425	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.860%		
62) 4-Bromofluorobenzene	12.674	95	237216	48.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds						
16) Acetone	4.222	43	15797	5.805	ug/l	96
25) 2-Butanone	7.263	43	6425	1.406	ug/l #	88
30) Chloroform	7.751	83	2589	0.315	ug/l #	65

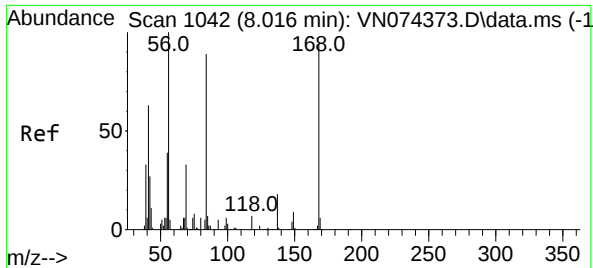
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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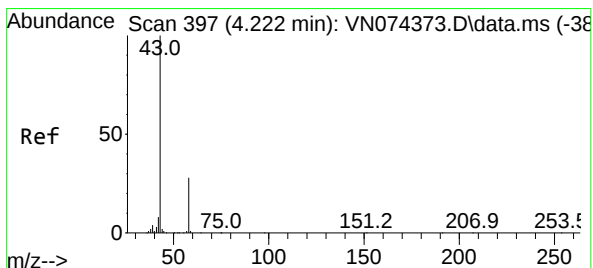
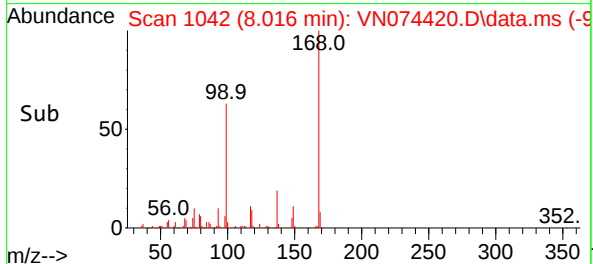
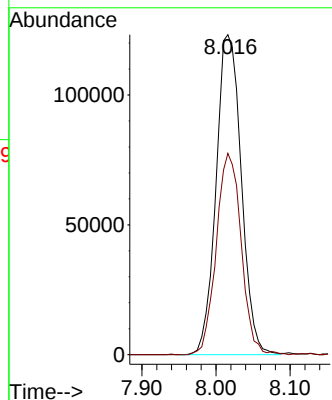
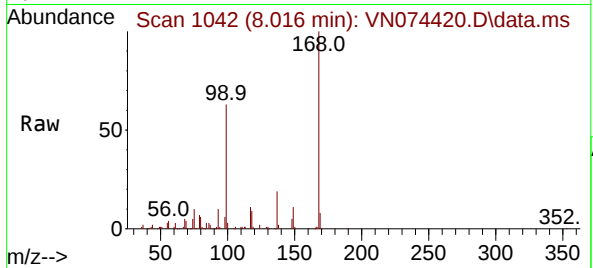




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

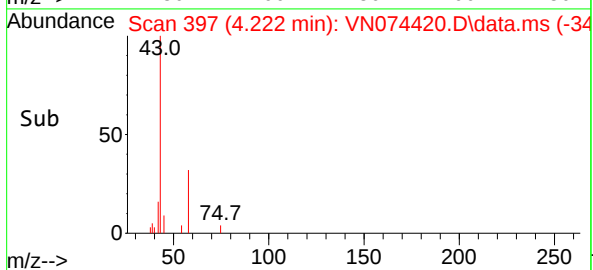
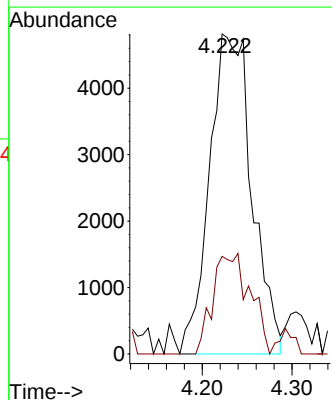
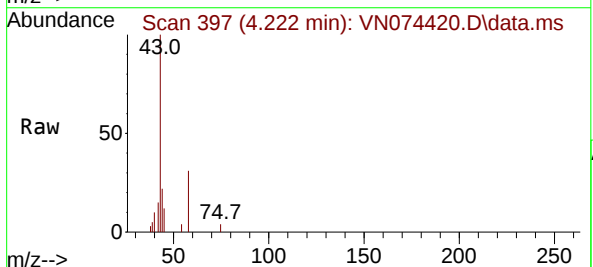
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

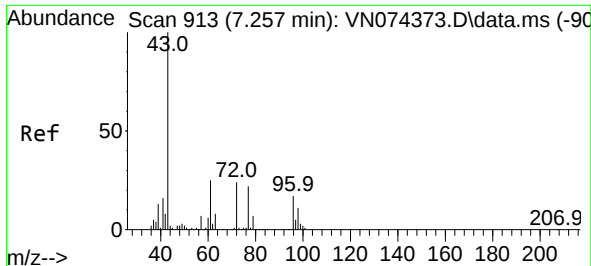
Tgt Ion:168 Resp: 291350
Ion Ratio Lower Upper
168 100
99 62.9 52.8 79.2



#16
Acetone
Concen: 5.805 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

Tgt Ion: 43 Resp: 15797
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1

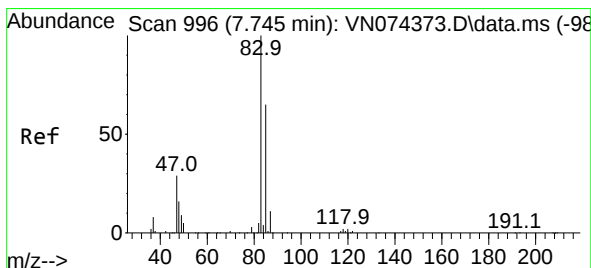
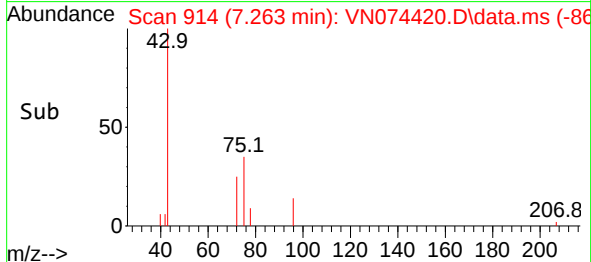
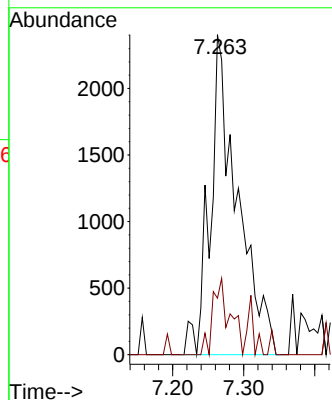
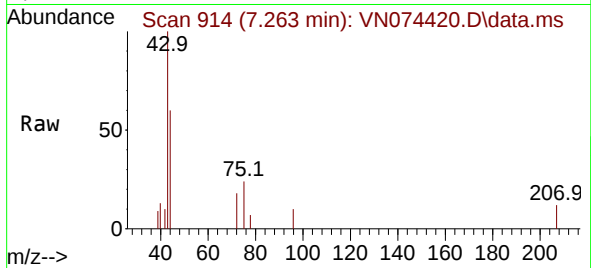




#25
2-Butanone
Concen: 1.406 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

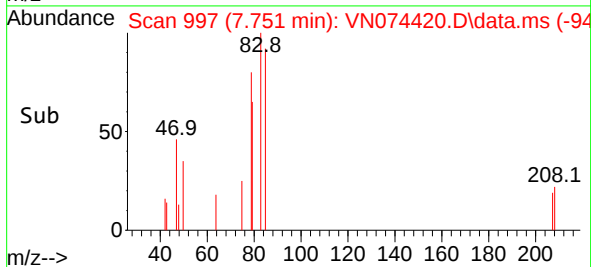
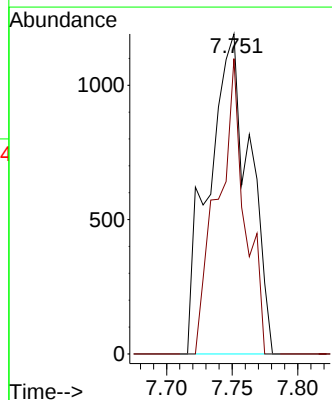
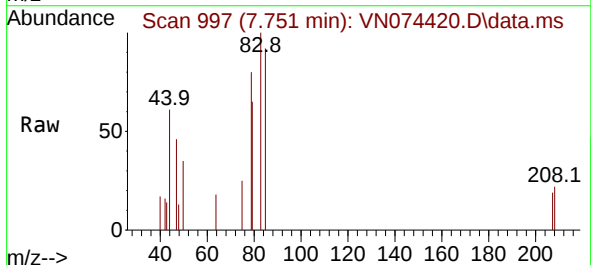
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-98-100

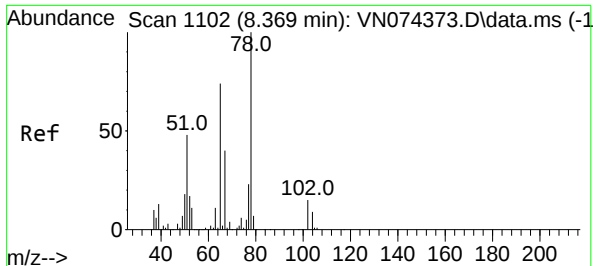
Tgt Ion: 43 Resp: 6425
Ion Ratio Lower Upper
43 100
72 17.7 18.9 28.3#



#30
Chloroform
Concen: 0.315 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
85 92.3 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 44.353 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074420.D

Acq: 12 Sep 2022 20:01

Instrument :

MSVOA_N

ClientSampleId :

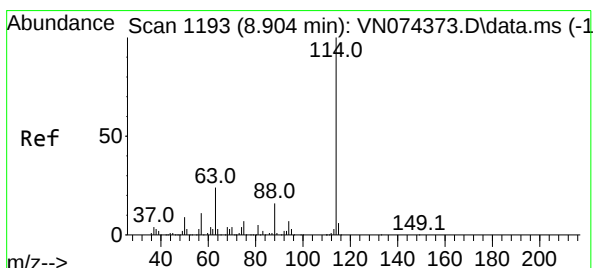
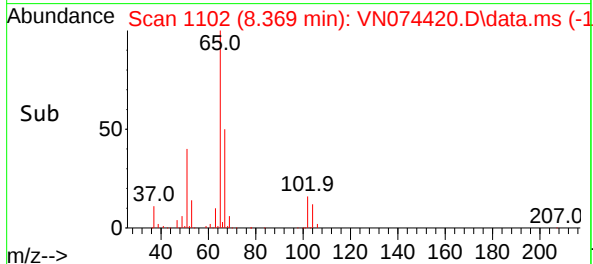
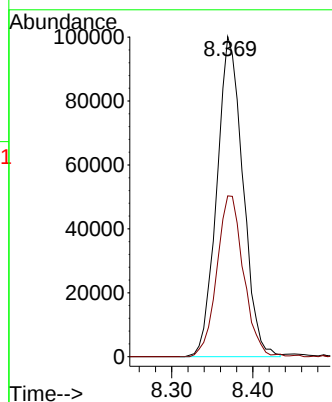
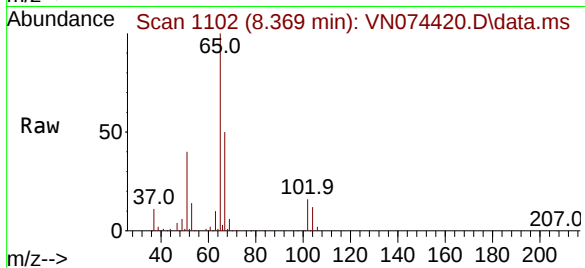
BP-VPB-RW5-GW-98-100

Tgt Ion: 65 Resp: 223574

Ion Ratio Lower Upper

65 100

67 51.4 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: VN074420.D

Acq: 12 Sep 2022 20:01

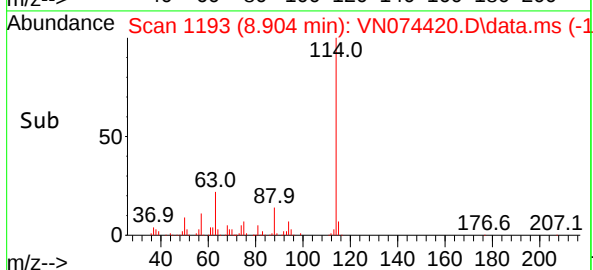
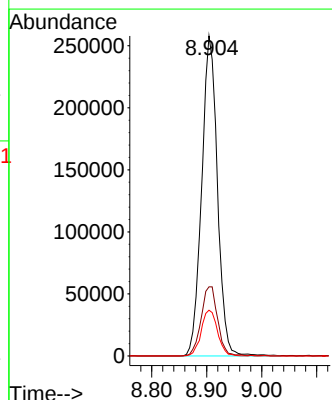
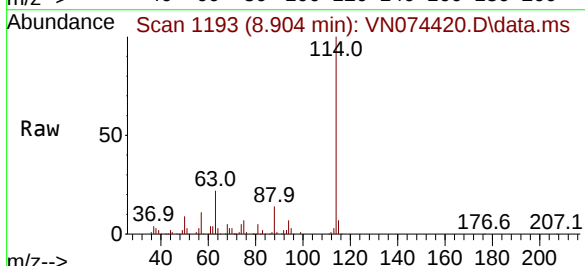
Tgt Ion: 114 Resp: 513540

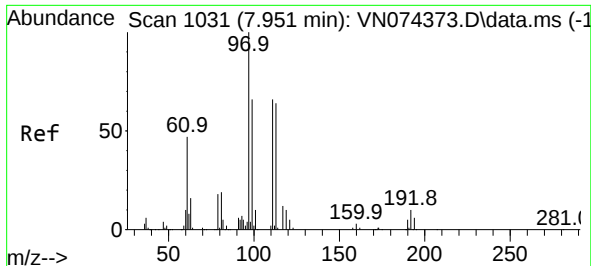
Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.6

88 14.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.331 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074420.D

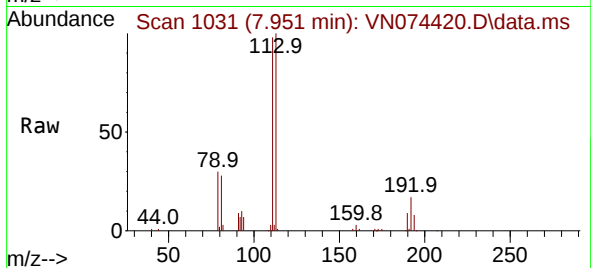
Acq: 12 Sep 2022 20:01

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-98-100



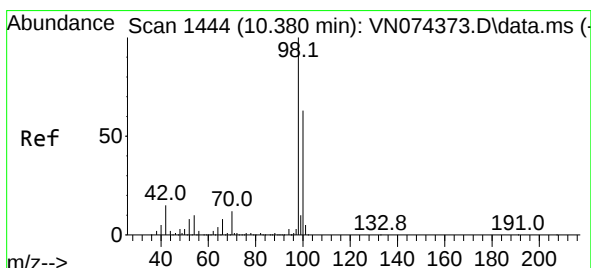
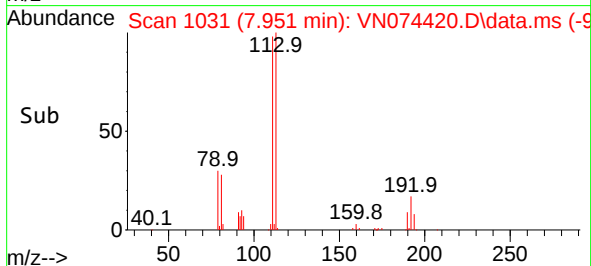
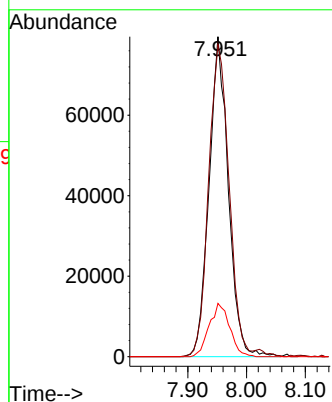
Tgt Ion:113 Resp: 181427

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

192 17.8 13.7 20.5



#50

Toluene-d8

Concen: 45.425 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074420.D

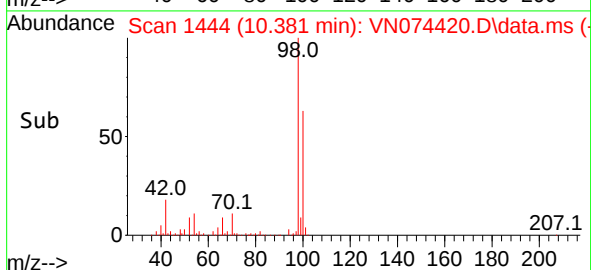
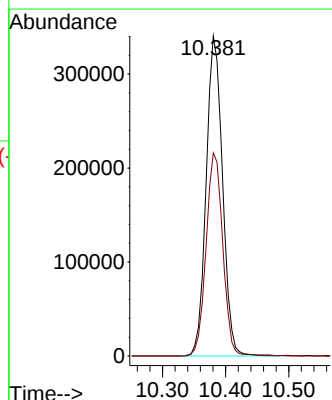
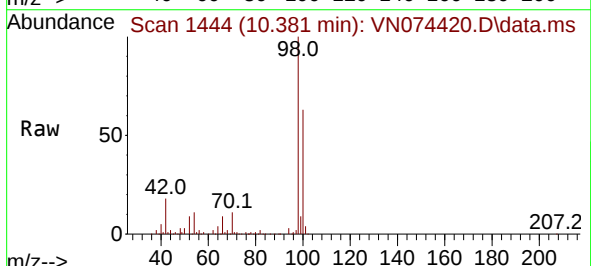
Acq: 12 Sep 2022 20:01

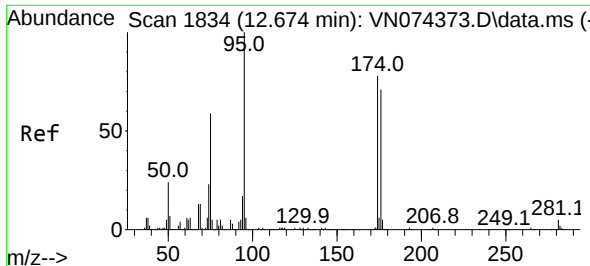
Tgt Ion: 98 Resp: 613636

Ion Ratio Lower Upper

98 100

100 64.6 50.6 76.0

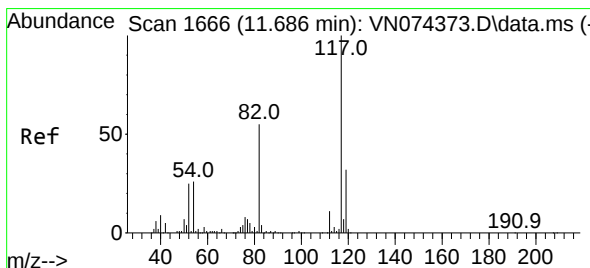
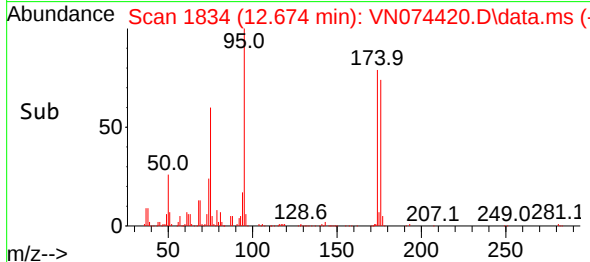
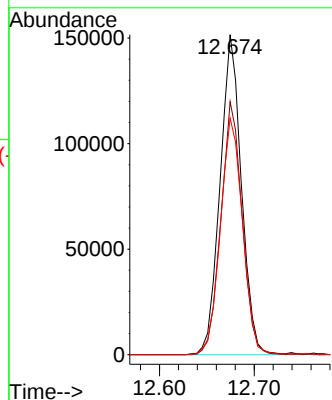
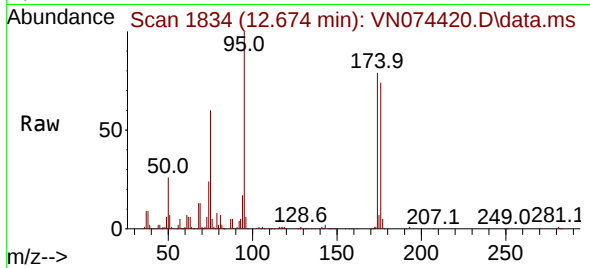




#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

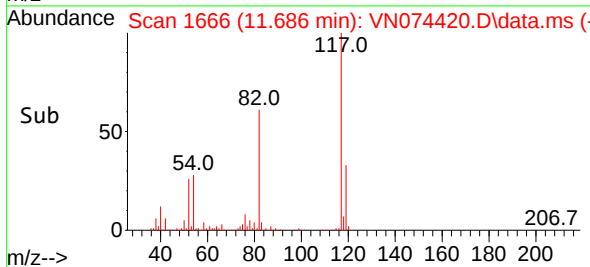
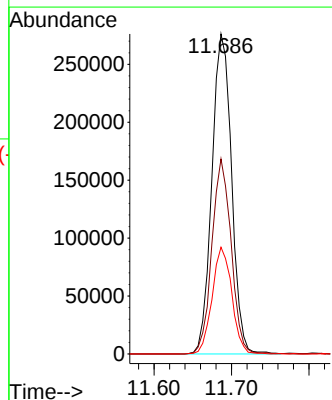
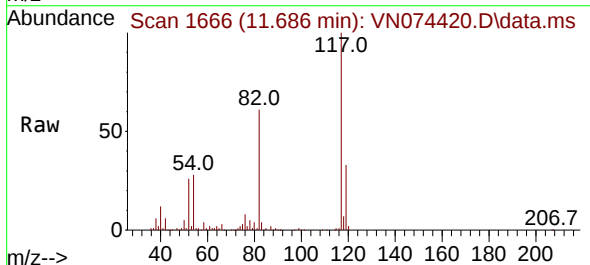
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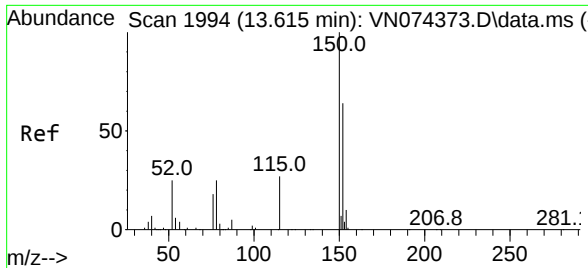
Tgt Ion: 95 Resp: 237216
Ion Ratio Lower Upper
95 100
174 78.8 0.0 150.6
176 76.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074420.D
Acq: 12 Sep 2022 20:01

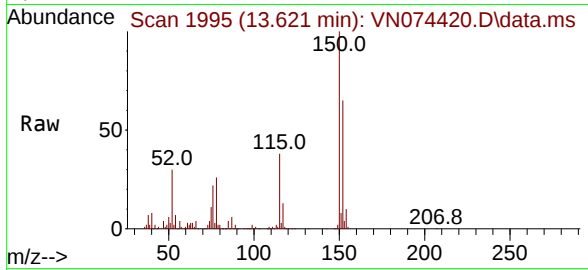
Tgt Ion: 117 Resp: 488109
Ion Ratio Lower Upper
117 100
82 60.9 44.3 66.5
119 33.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: VN074420.D
 Acq: 12 Sep 2022 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-98-100



Tgt Ion:152 Resp: 221752

Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.0	96.0
150	159.3	0.0	359.6

