

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074428.D
 Acq On : 13 Sep 2022 13:10
 Operator : JC\MD
 Sample : N4558-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-218-220

Quant Time: Sep 13 17:14:51 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)

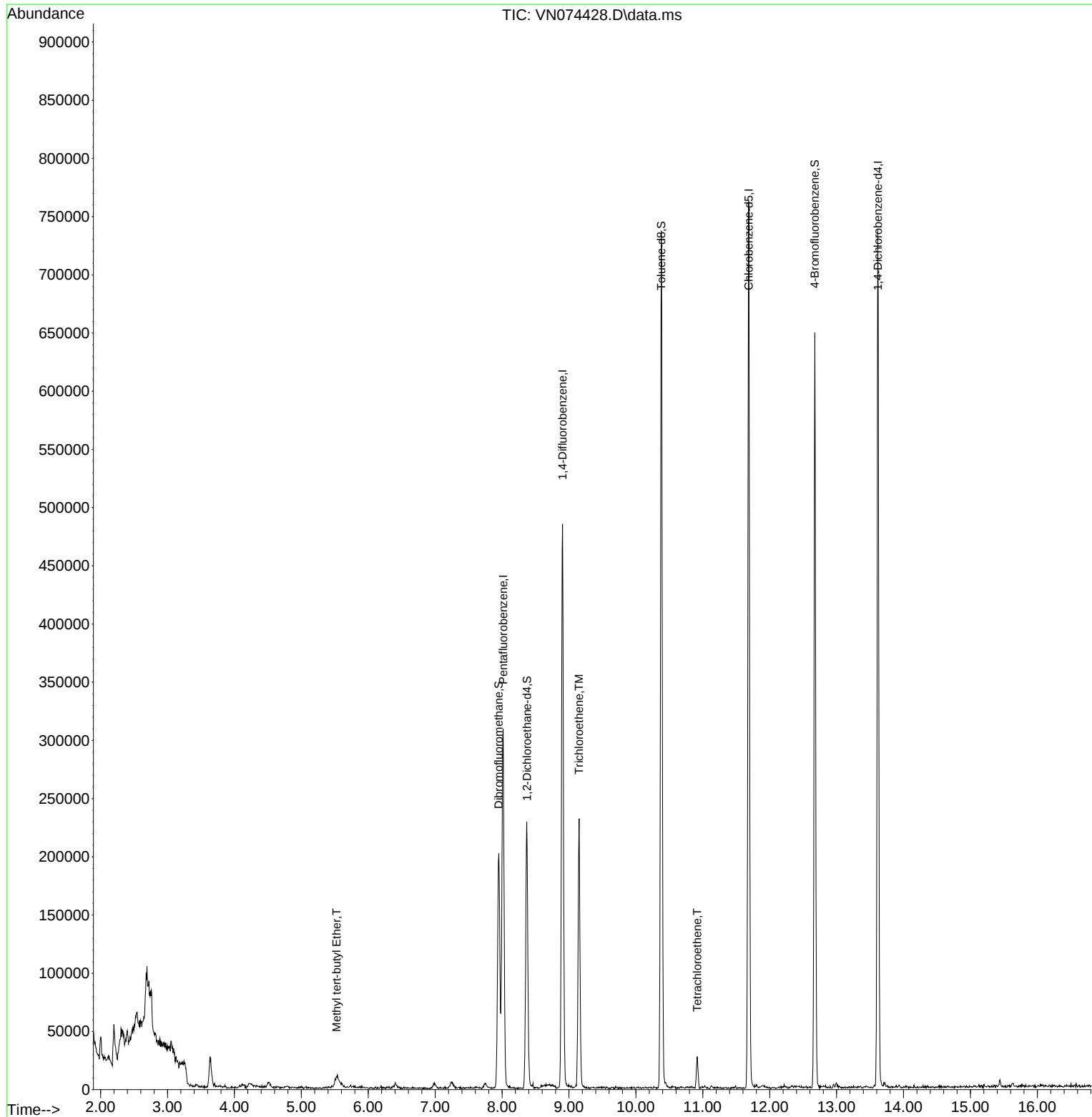
Internal Standards						
1) Pentafluorobenzene	8.016	168	206281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	382568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	379355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	167019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	171942	48.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	7.951	113	138913	53.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.380	98	469078	46.612	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.674	95	186876	51.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.300%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.528	73	11756	1.136	ug/l #	83
44) Trichloroethene	9.151	130	67349	23.060	ug/l	89
64) Tetrachloroethene	10.916	164	4747	1.846	ug/l #	80

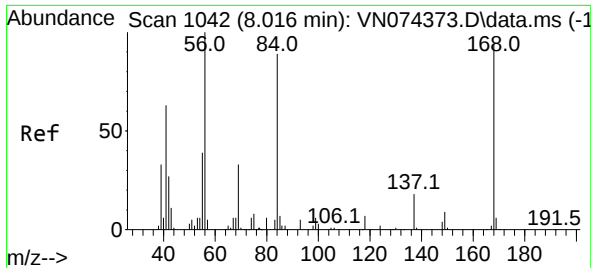
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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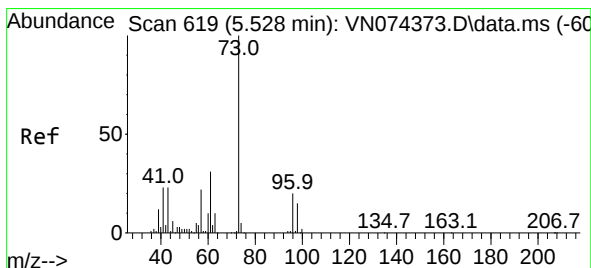
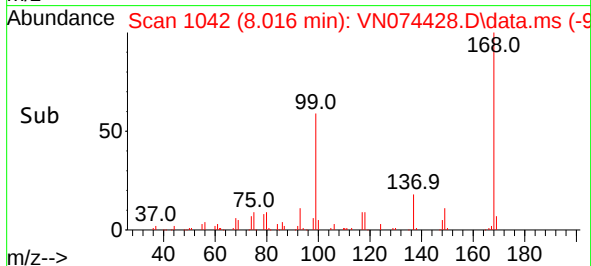
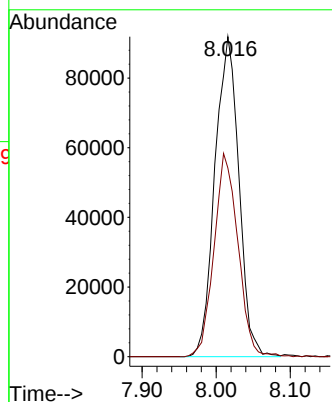
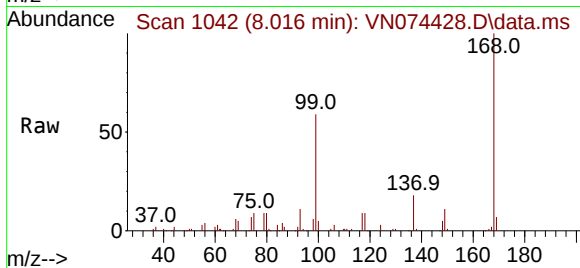




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074428.D
Acq: 13 Sep 2022 13:10

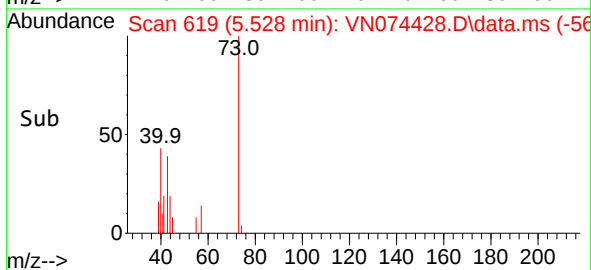
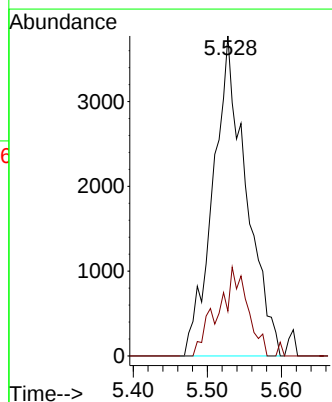
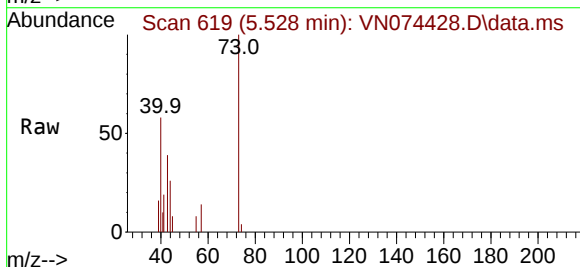
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-218-220

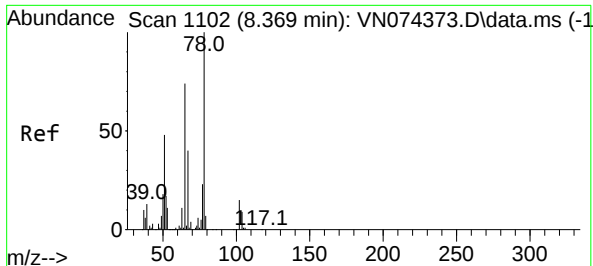
Tgt Ion:168 Resp: 206281
Ion Ratio Lower Upper
168 100
99 59.0 52.8 79.2



#19
Methyl tert-butyl Ether
Concen: 1.136 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN074428.D
Acq: 13 Sep 2022 13:10

Tgt Ion: 73 Resp: 11756
Ion Ratio Lower Upper
73 100
57 14.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 48.177 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074428.D

Acq: 13 Sep 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

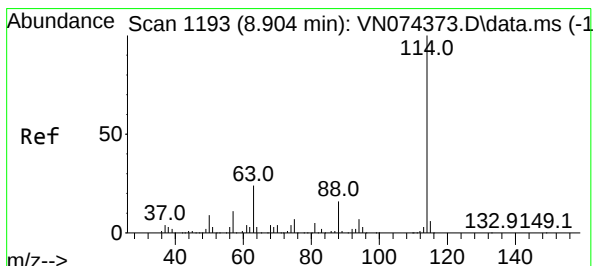
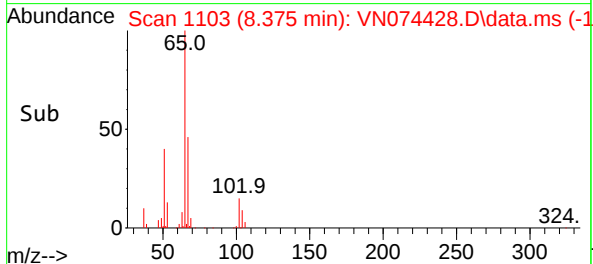
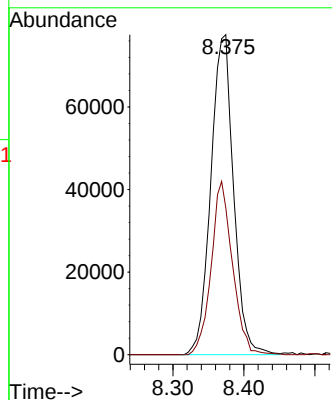
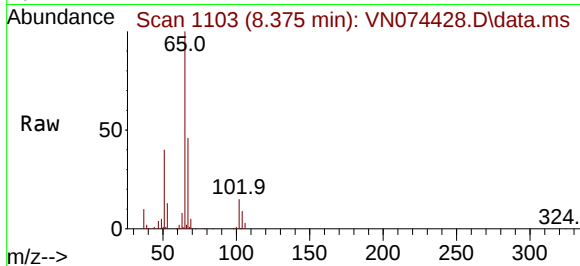
BP-VPB-RW5-GW-218-220

Tgt Ion: 65 Resp: 171942

Ion Ratio Lower Upper

65 100

67 50.8 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: VN074428.D

Acq: 13 Sep 2022 13:10

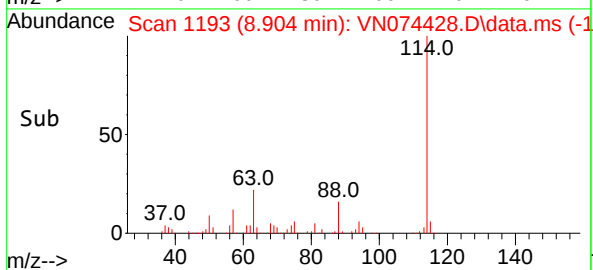
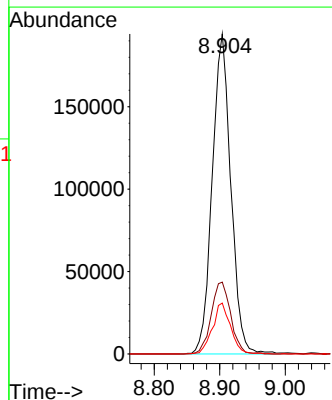
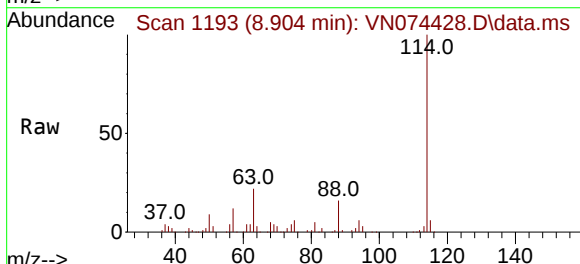
Tgt Ion: 114 Resp: 382568

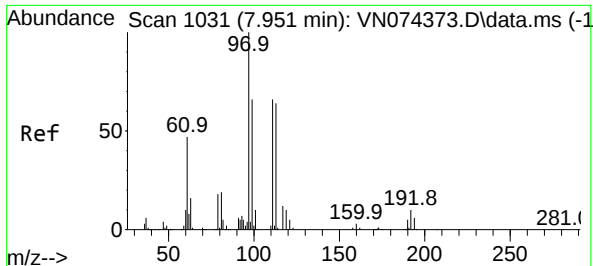
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.786 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074428.D

Acq: 13 Sep 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-218-220

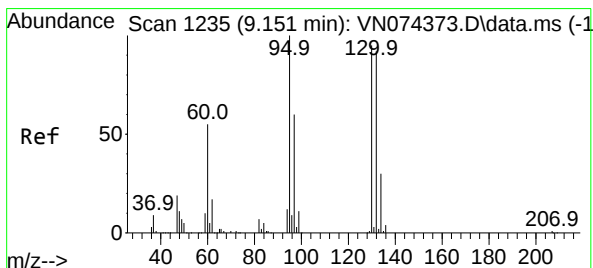
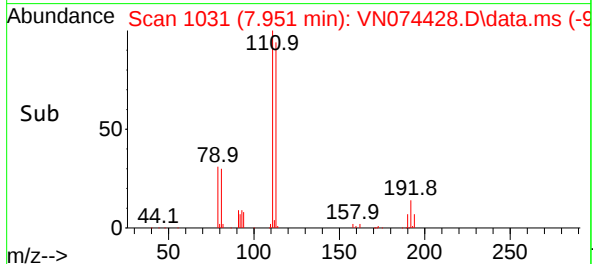
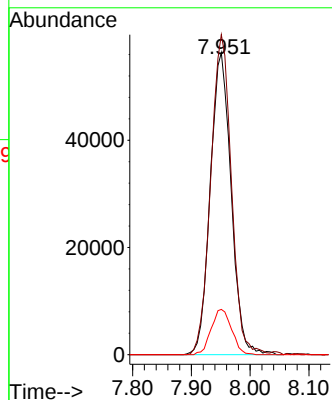
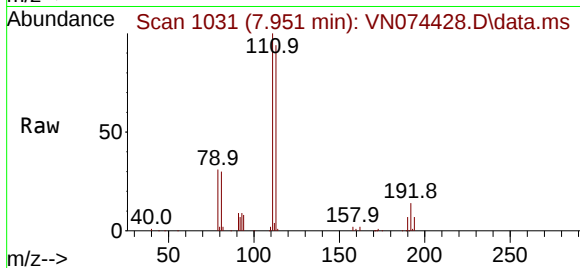
Tgt Ion:113 Resp: 138913

Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.4

192 14.7 13.7 20.5



#44

Trichloroethene

Concen: 23.060 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN074428.D

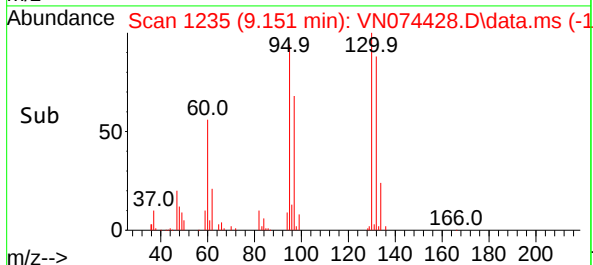
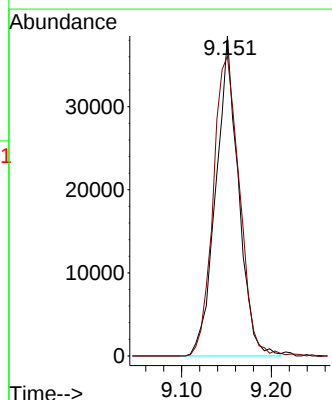
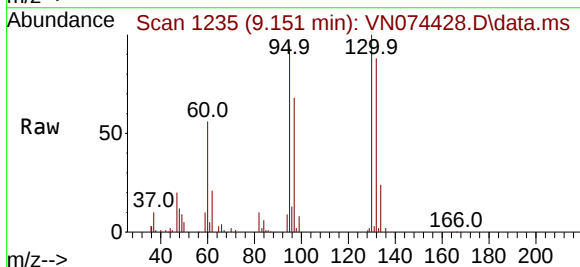
Acq: 13 Sep 2022 13:10

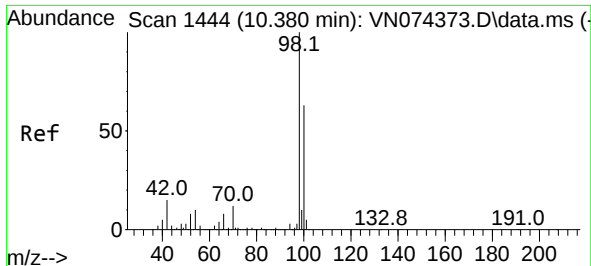
Tgt Ion:130 Resp: 67349

Ion Ratio Lower Upper

130 100

95 93.8 0.0 210.0

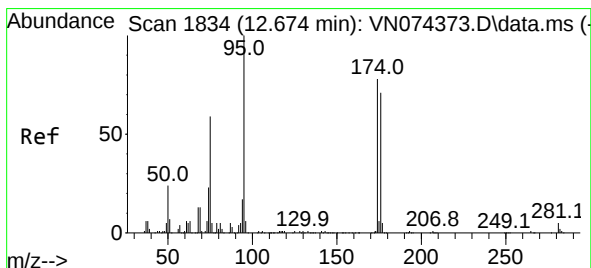
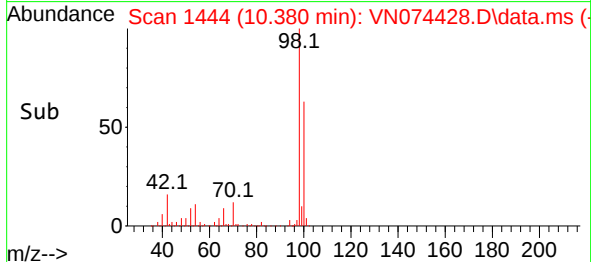
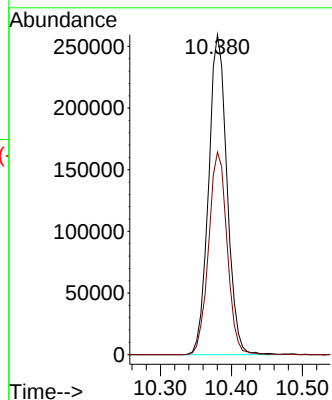
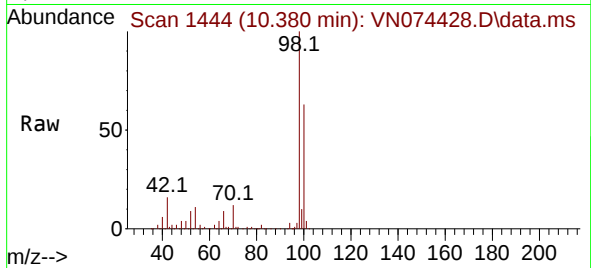




#50
Toluene-d8
Concen: 46.612 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074428.D
Acq: 13 Sep 2022 13:10

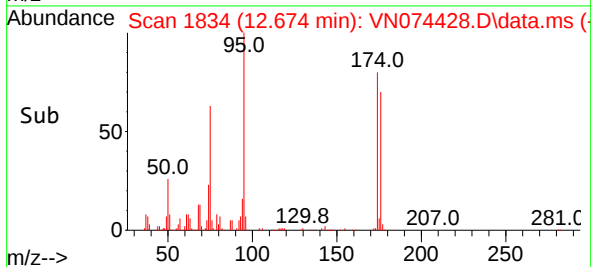
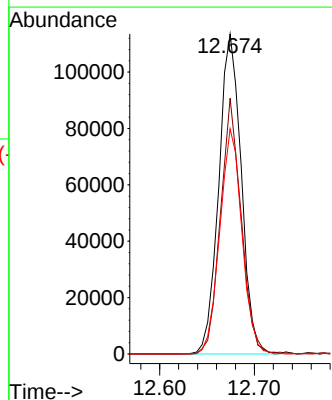
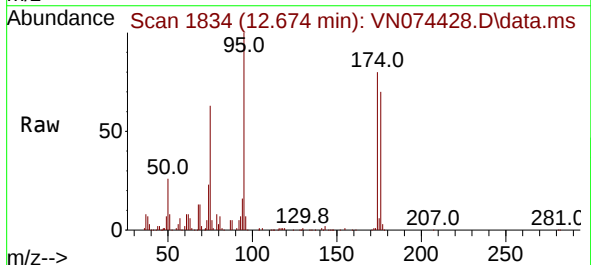
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MSVOA_N
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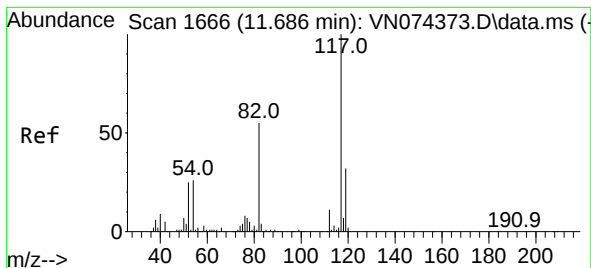
Tgt Ion: 98 Resp: 469078
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 51.147 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074428.D
Acq: 13 Sep 2022 13:10

Tgt Ion: 95 Resp: 186876
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.6
176 69.4 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: VN074428.D

Acq: 13 Sep 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-218-220

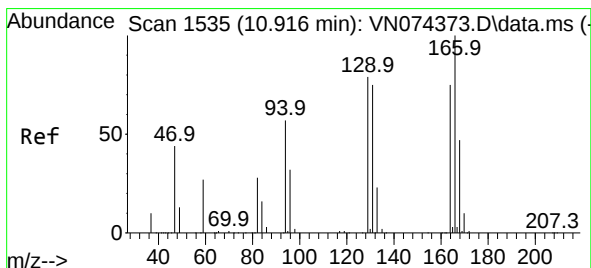
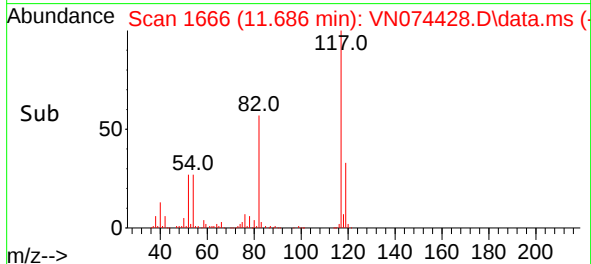
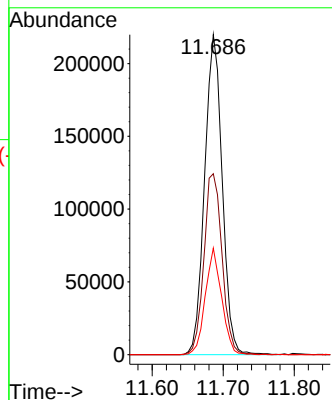
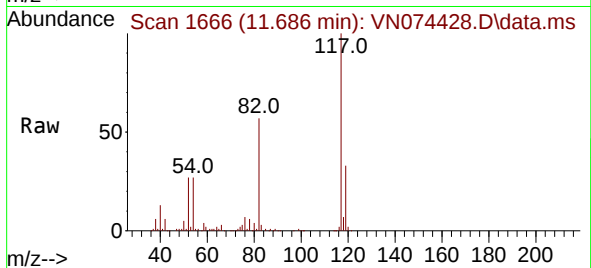
Tgt Ion:117 Resp: 379355

Ion Ratio Lower Upper

117 100

82 56.5 44.3 66.5

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 1.846 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. -0.000 min

Lab File: VN074428.D

Acq: 13 Sep 2022 13:10

Tgt Ion:164 Resp: 4747

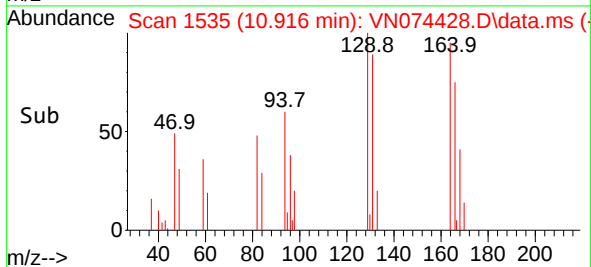
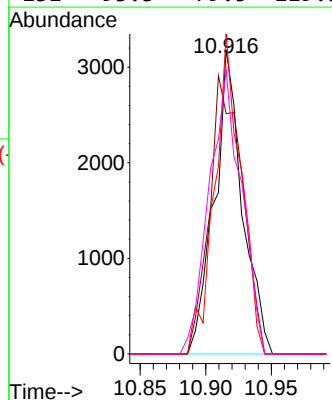
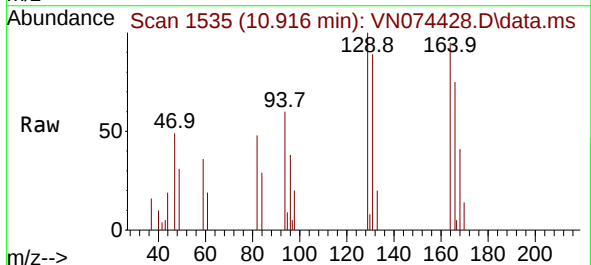
Ion Ratio Lower Upper

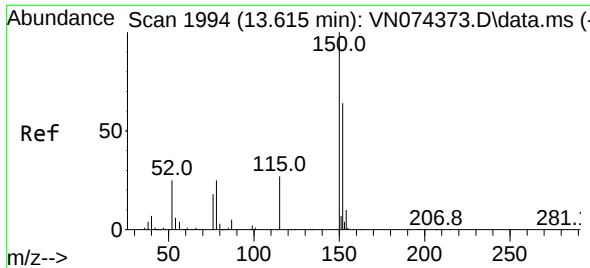
164 100

166 79.0 106.6 160.0#

129 105.2 84.0 126.0

131 93.3 79.5 119.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074428.D

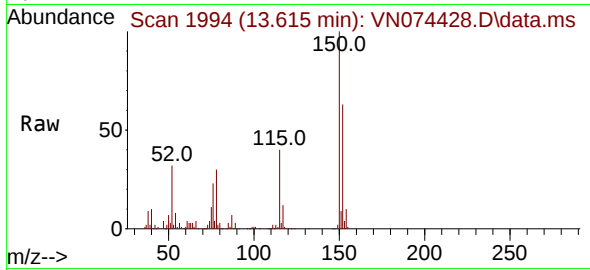
Acq: 13 Sep 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-218-220



Tgt Ion:152 Resp: 167019

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.0

150 159.0 0.0 359.6

