

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074422.D
 Acq On : 12 Sep 2022 20:51
 Operator : JC\MD
 Sample : N4558-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205

Quant Time: Sep 13 06:29:14 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)

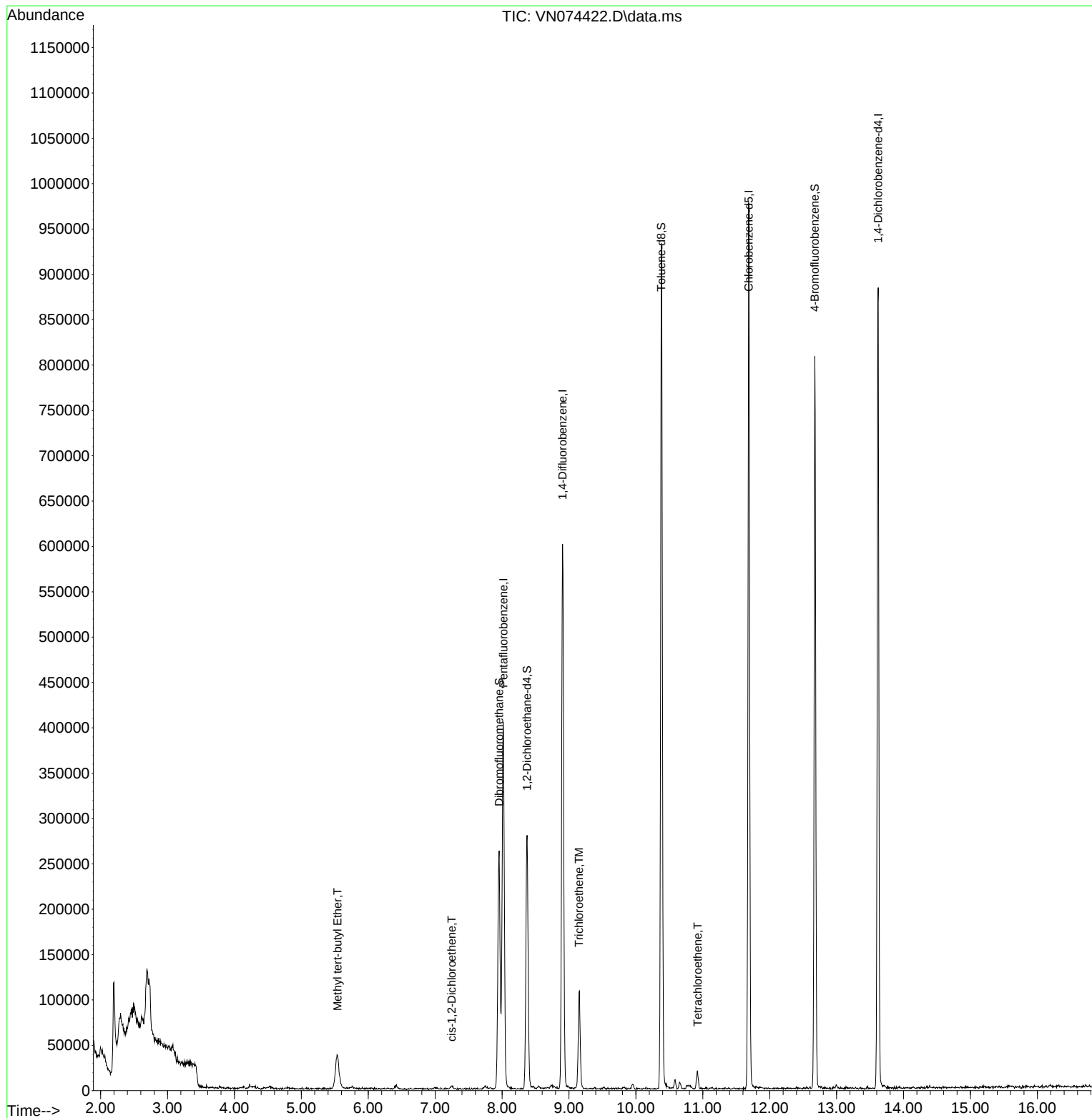
Internal Standards						
1) Pentafluorobenzene	8.022	168	291447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	495511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	480955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	215727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	217526	43.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.280%
35) Dibromofluoromethane	7.957	113	179013	53.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.020%
50) Toluene-d8	10.380	98	602153	46.197	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.674	95	232588	49.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.300%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.540	73	57582	3.938	ug/l	93
27) cis-1,2-Dichloroethene	7.245	96	1573	0.314	ug/l	88
44) Trichloroethene	9.151	130	35450	9.371	ug/l	90
64) Tetrachloroethene	10.922	164	4196	1.287	ug/l	85

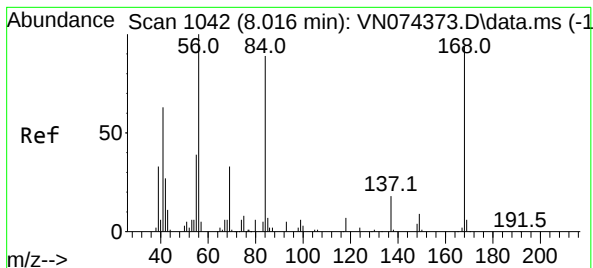
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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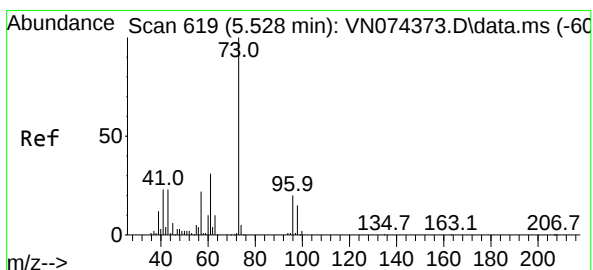
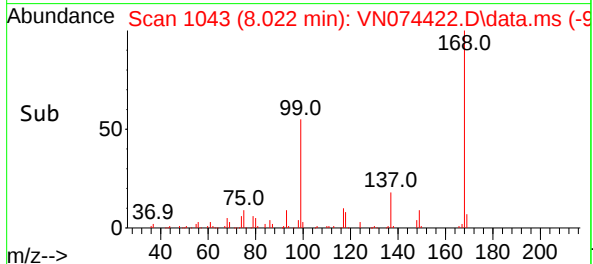
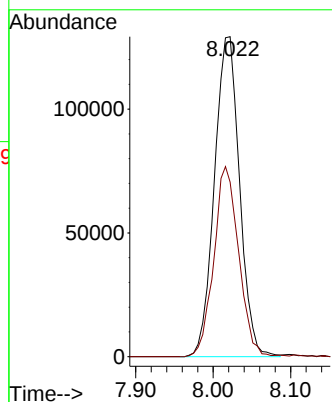
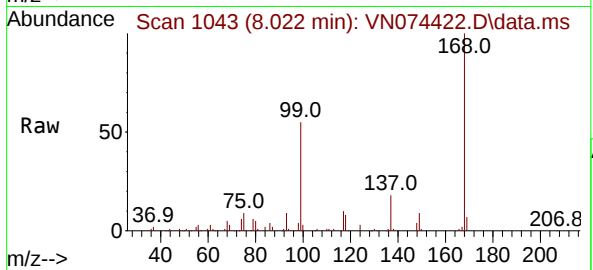




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

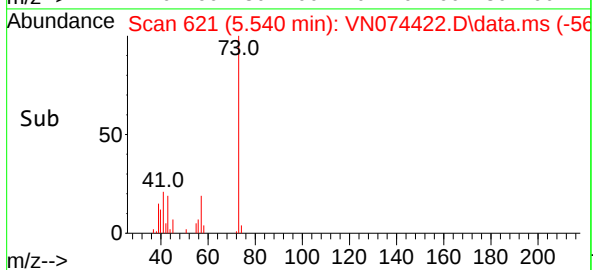
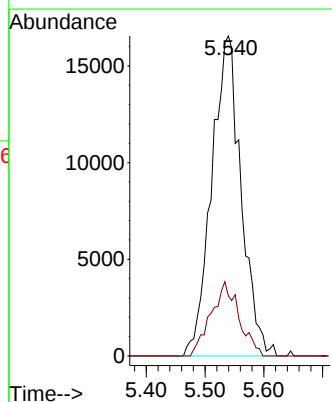
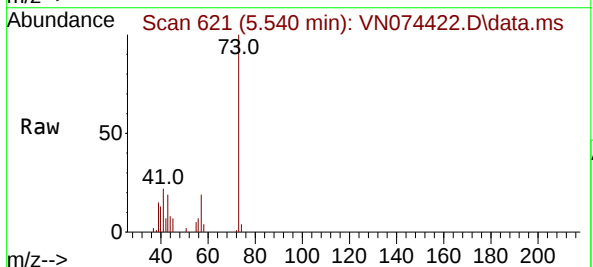
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-203-205

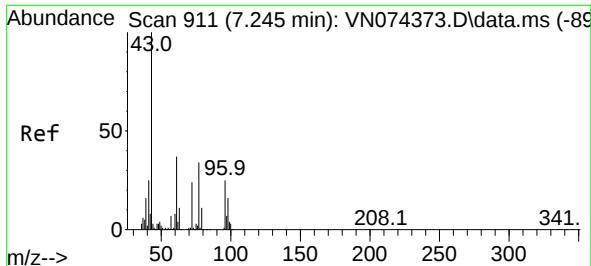
Tgt Ion:168 Resp: 291447
Ion Ratio Lower Upper
168 100
99 54.5 52.8 79.2



#19
Methyl tert-butyl Ether
Concen: 3.938 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.012 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

Tgt Ion: 73 Resp: 57582
Ion Ratio Lower Upper
73 100
57 18.7 17.7 26.5

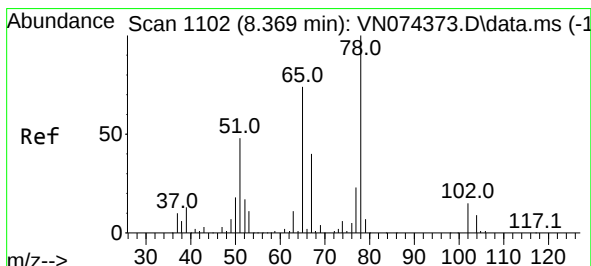
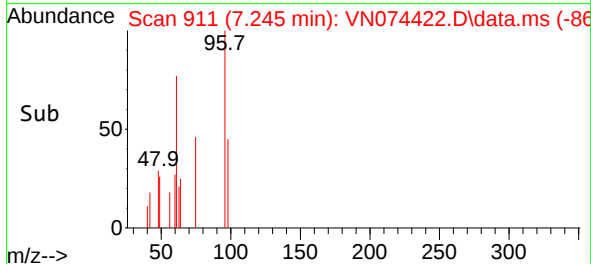
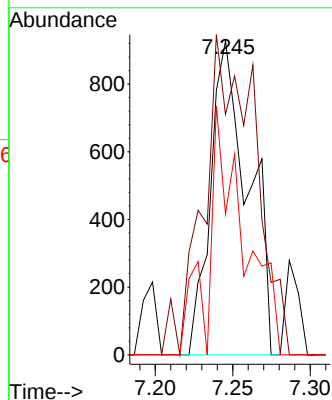
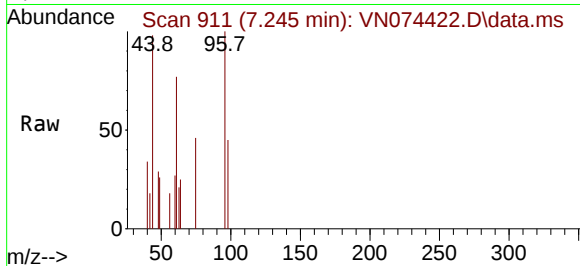




#27
 cis-1,2-Dichloroethene
 Concen: 0.314 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074422.D
 Acq: 12 Sep 2022 20:51

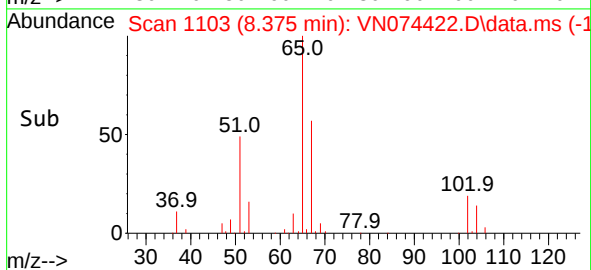
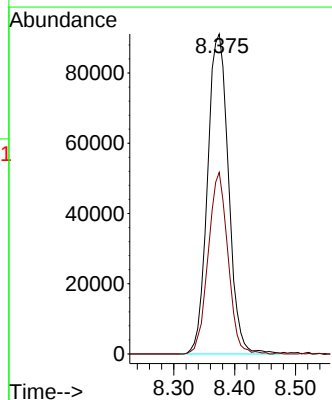
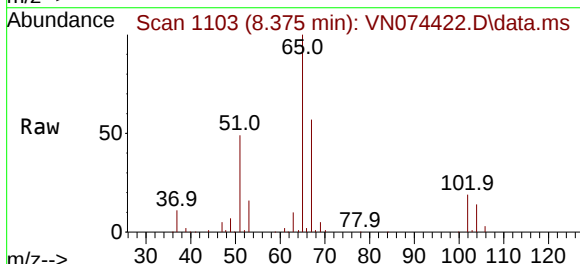
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205

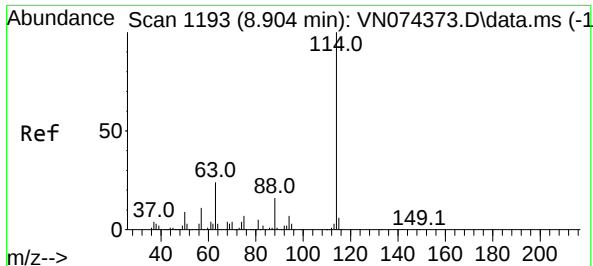
Tgt Ion: 96 Resp: 1573
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 306.2
 98 74.4 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 43.139 ug/l
 RT: 8.375 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN074422.D
 Acq: 12 Sep 2022 20:51

Tgt Ion: 65 Resp: 217526
 Ion Ratio Lower Upper
 65 100
 67 53.5 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: VN074422.D

Acq: 12 Sep 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-203-205

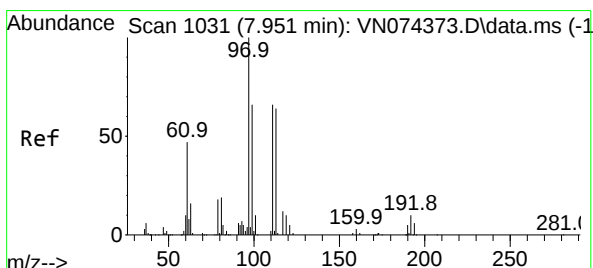
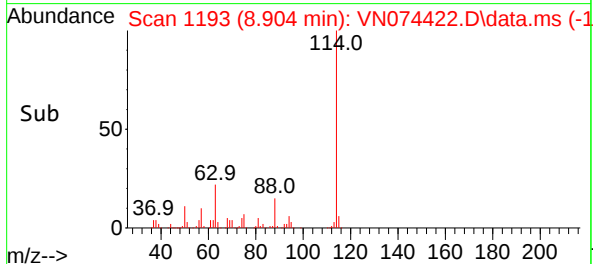
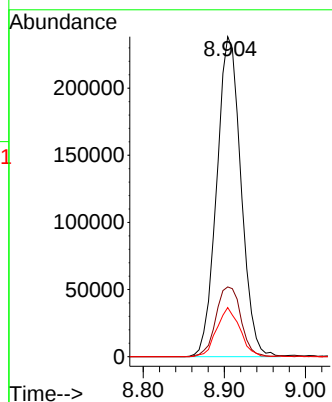
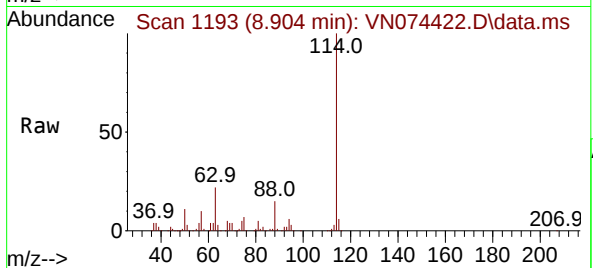
Tgt Ion:114 Resp: 495511

Ion Ratio Lower Upper

114 100

63 21.8 0.0 47.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.514 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074422.D

Acq: 12 Sep 2022 20:51

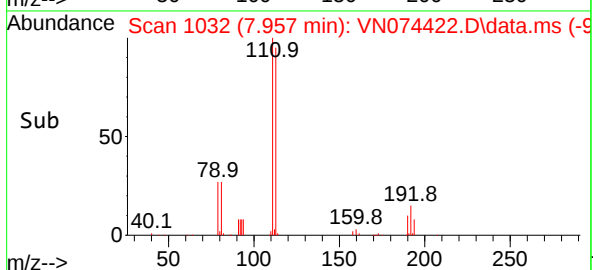
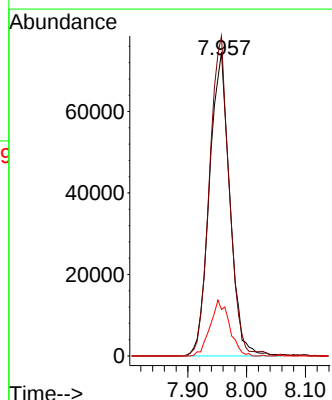
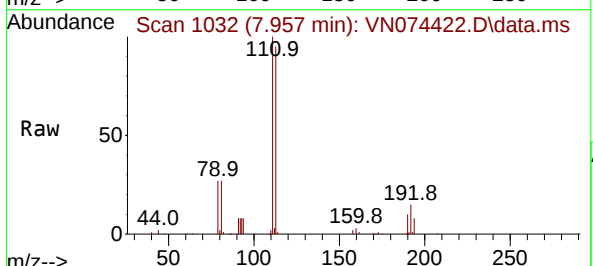
Tgt Ion:113 Resp: 179013

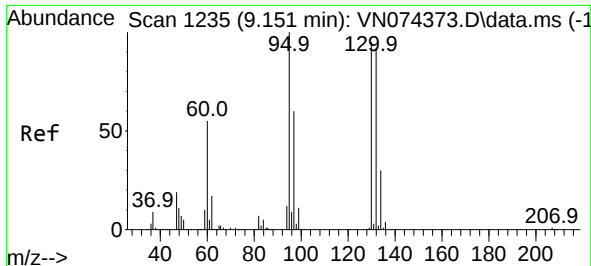
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 17.5 13.7 20.5

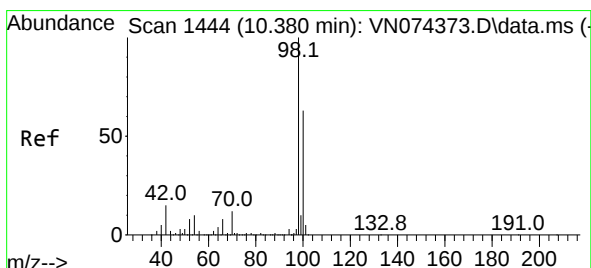
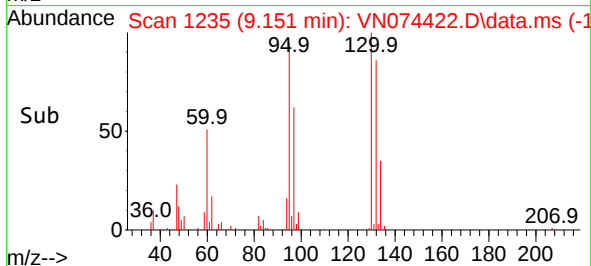
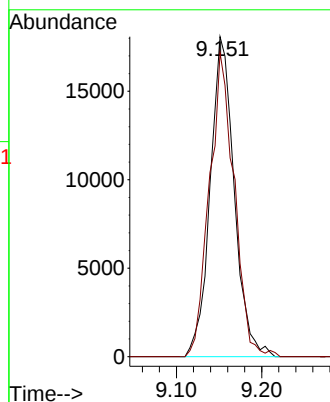
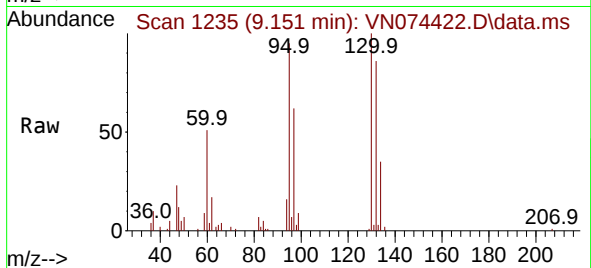




#44
Trichloroethene
Concen: 9.371 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

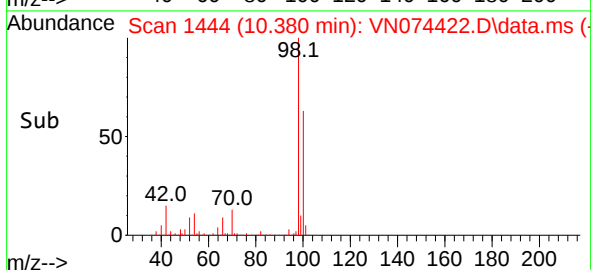
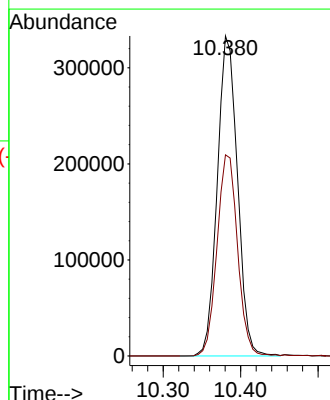
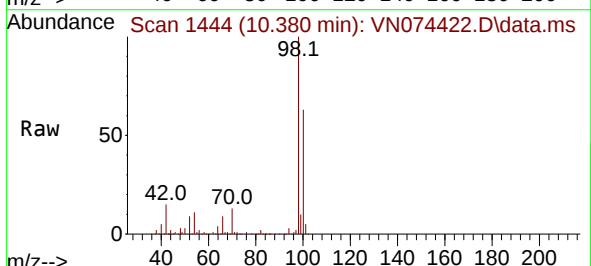
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MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-203-205

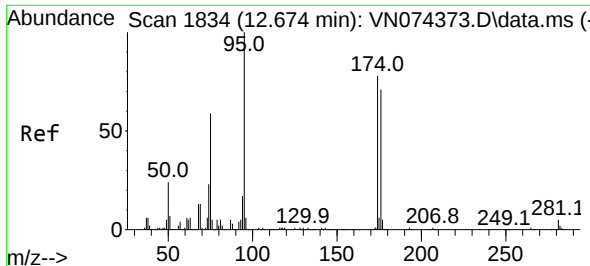
Tgt Ion:130 Resp: 35450
Ion Ratio Lower Upper
130 100
95 95.0 0.0 210.0



#50
Toluene-d8
Concen: 46.197 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

Tgt Ion: 98 Resp: 602153
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

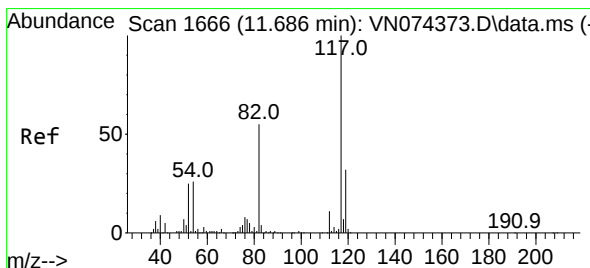
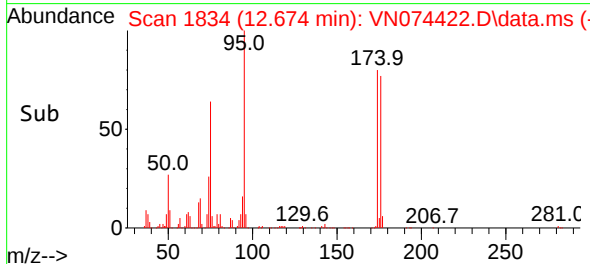
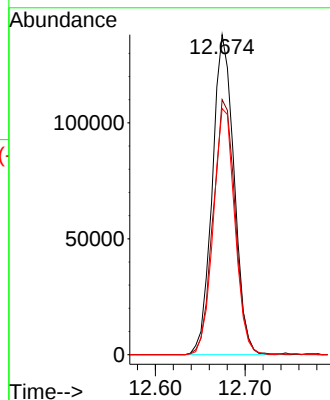
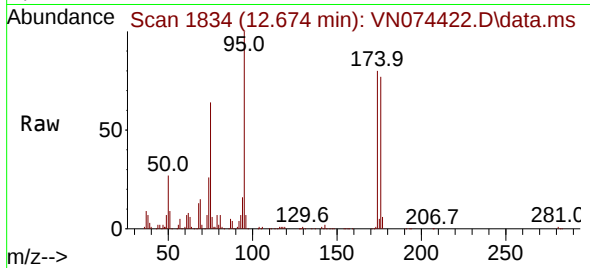




#62
4-Bromofluorobenzene
Concen: 49.149 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

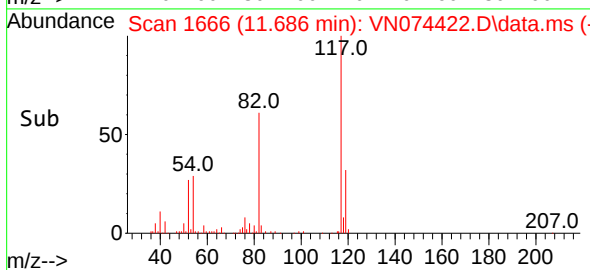
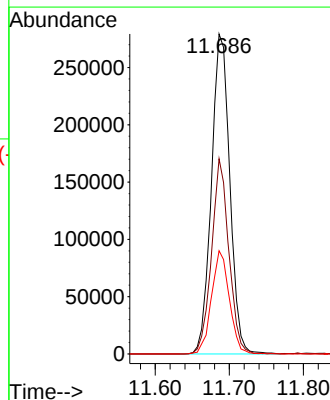
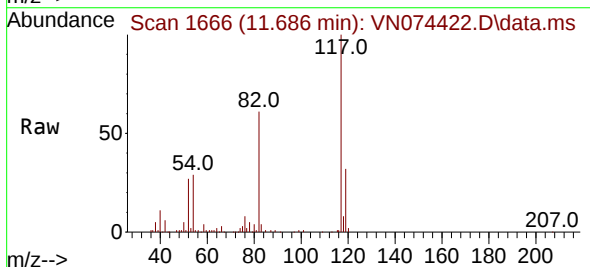
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-203-205

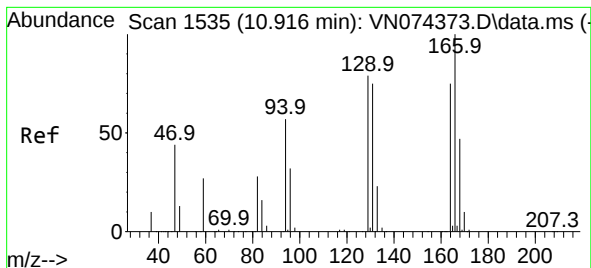
Tgt Ion: 95 Resp: 232588
Ion Ratio Lower Upper
95 100
174 80.6 0.0 150.6
176 76.2 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074422.D
Acq: 12 Sep 2022 20:51

Tgt Ion: 117 Resp: 480955
Ion Ratio Lower Upper
117 100
82 61.0 44.3 66.5
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 1.287 ug/l

RT: 10.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074422.D

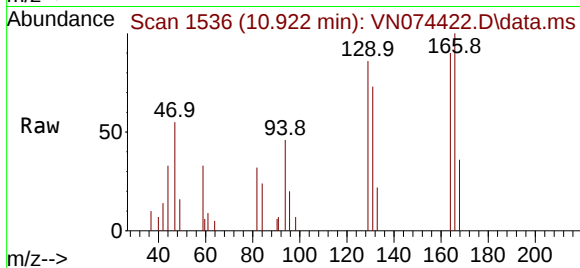
Acq: 12 Sep 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-203-205



Tgt Ion:164 Resp: 4196

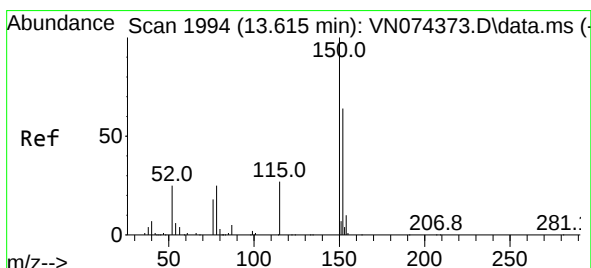
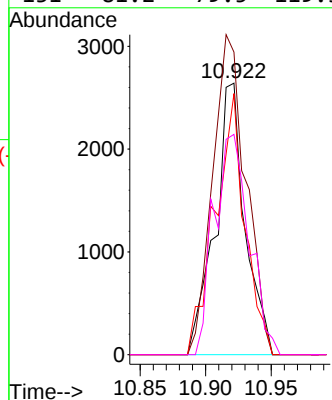
Ion Ratio Lower Upper

164 100

166 111.4 106.6 160.0

129 96.1 84.0 126.0

131 81.2 79.5 119.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.621 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VN074422.D

Acq: 12 Sep 2022 20:51

Tgt Ion:152 Resp: 215727

Ion Ratio Lower Upper

152 100

115 60.2 32.0 96.0

150 158.1 0.0 359.6

