

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074779.D
 Acq On : 06 Oct 2022 13:27
 Operator : JC\MD
 Sample : N4983-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-763-765DL

Quant Time: Oct 06 16:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

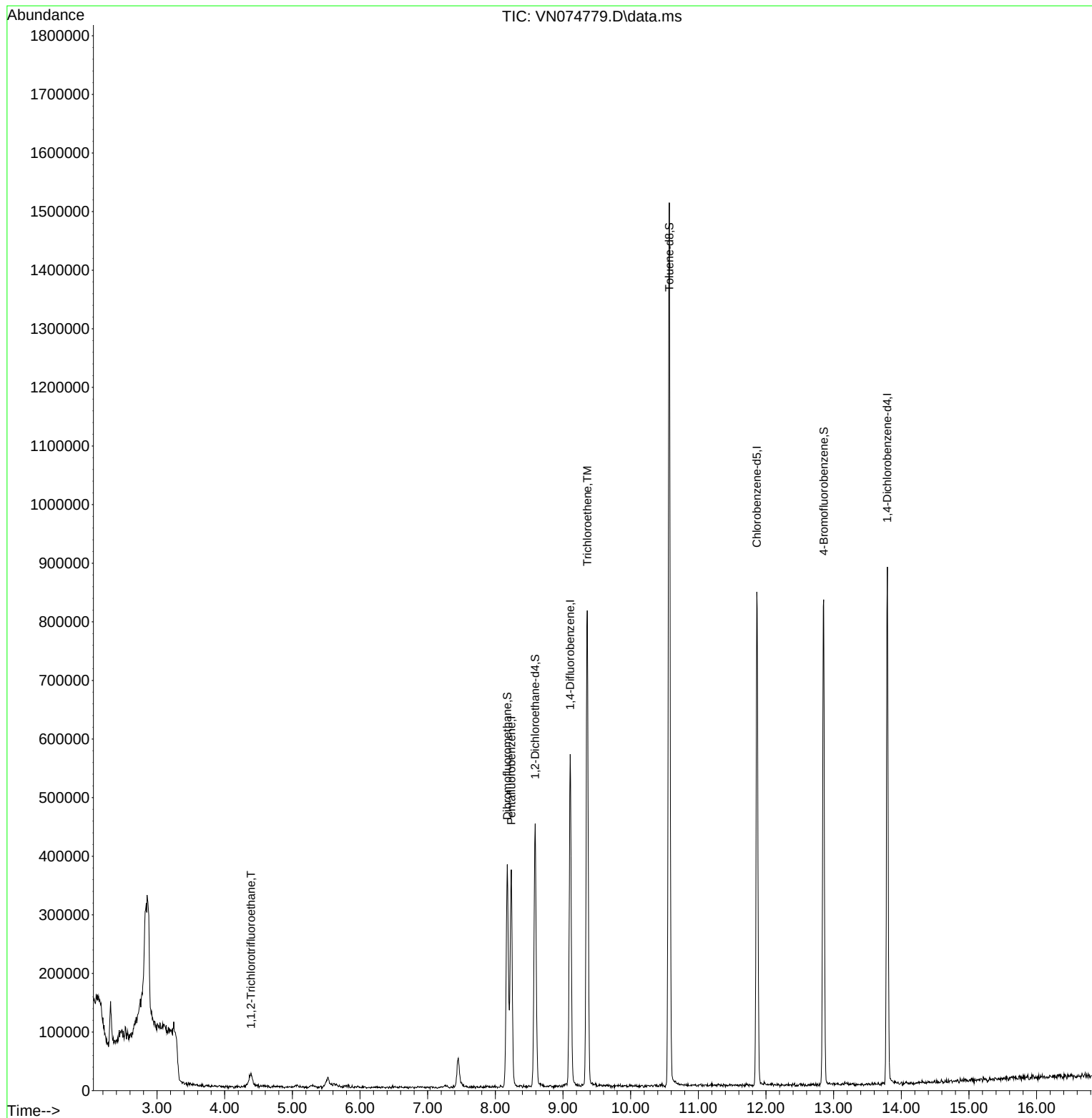
Internal Standards						
1) Pentafluorobenzene	8.236	168	252354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	465916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320348	53.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.177	113	259007	54.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.120%	
50) Toluene-d8	10.571	98	1027732	50.452	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.853	95	271246	43.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.600%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	13138	2.855	ug/l #	71
44) Trichloroethene	9.359	130	276925	53.450	ug/l	97

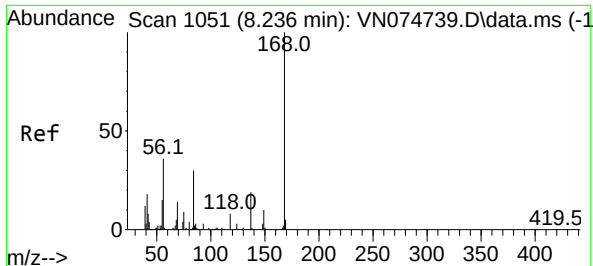
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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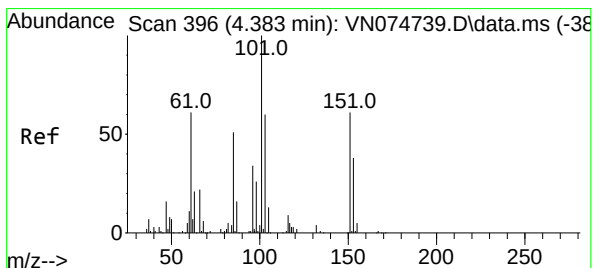
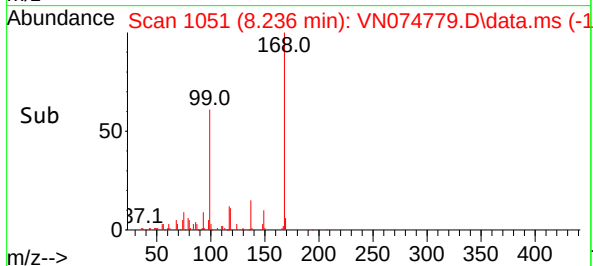
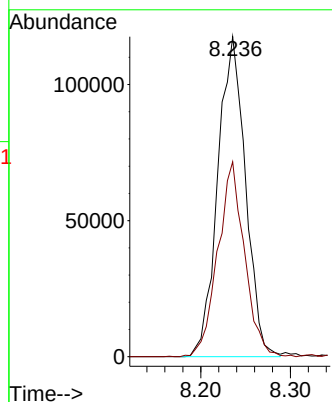
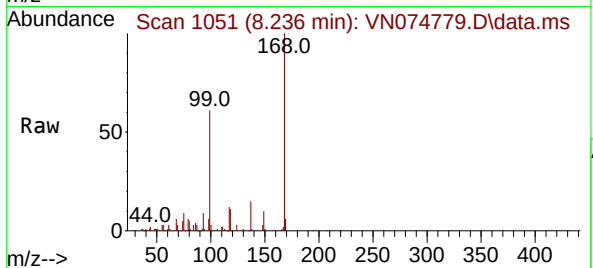




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

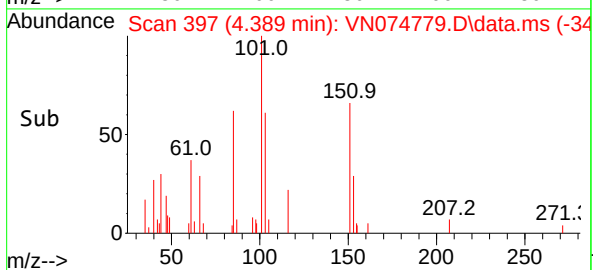
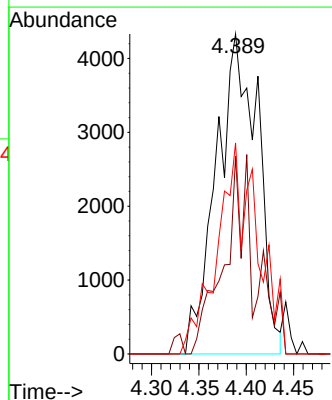
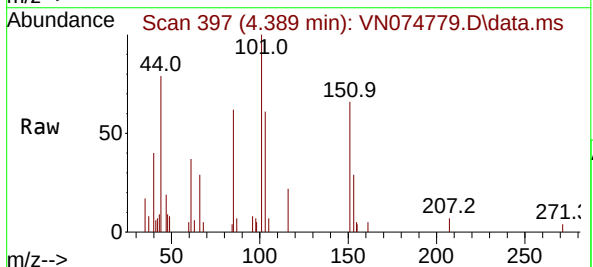
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-763-765DL

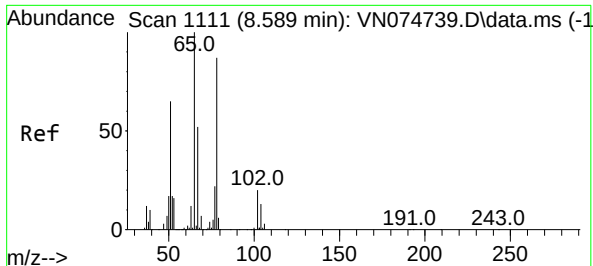
Tgt Ion:168 Resp: 252354
Ion Ratio Lower Upper
168 100
99 60.9 42.8 64.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.855 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

Tgt Ion:101 Resp: 13138
Ion Ratio Lower Upper
101 100
85 37.2 37.4 56.0#
151 37.2 55.0 82.4#





#33

1,2-Dichloroethane-d4

Concen: 53.576 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074779.D

Acq: 06 Oct 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

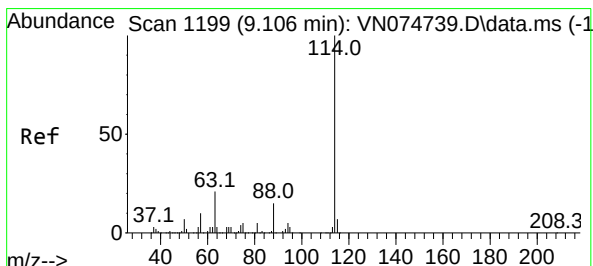
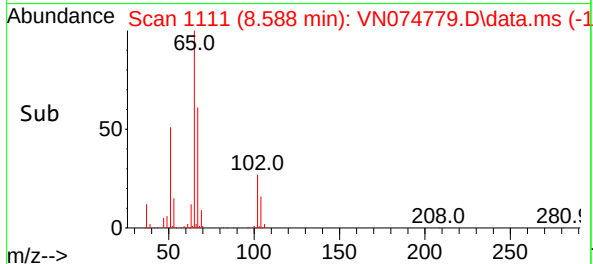
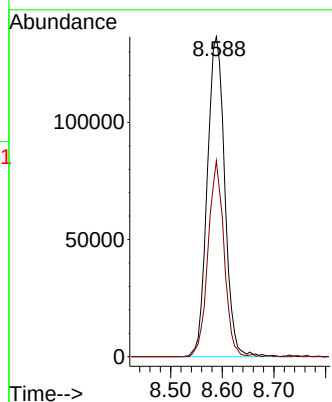
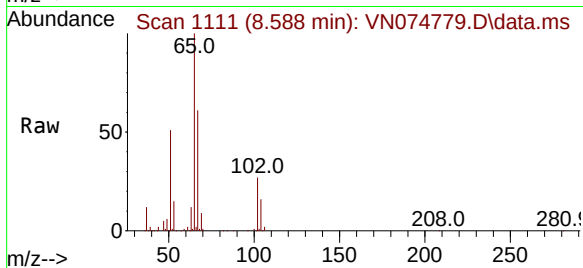
BP-VPB-RW5-GW-763-765DL

Tgt Ion: 65 Resp: 320348

Ion Ratio Lower Upper

65 100

67 55.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074779.D

Acq: 06 Oct 2022 13:27

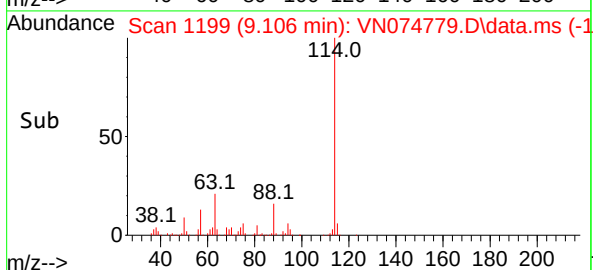
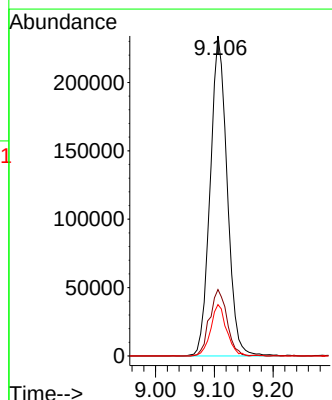
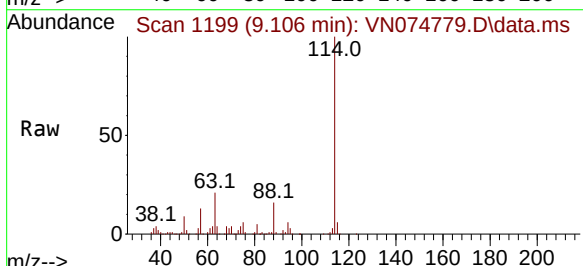
Tgt Ion: 114 Resp: 469876

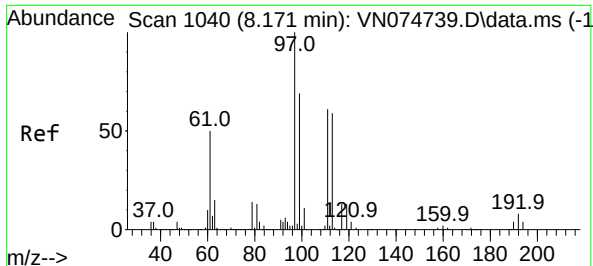
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.557 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074779.D

Acq: 06 Oct 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-763-765DL

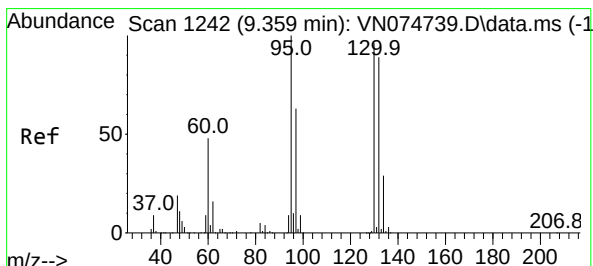
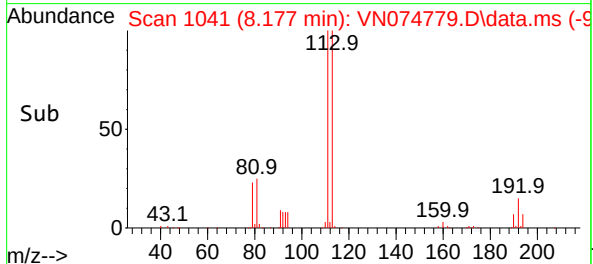
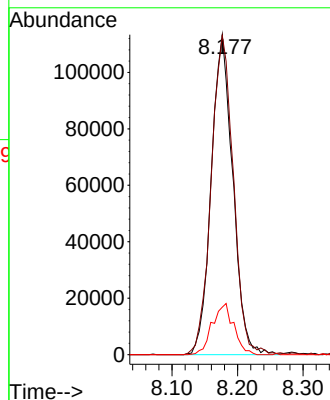
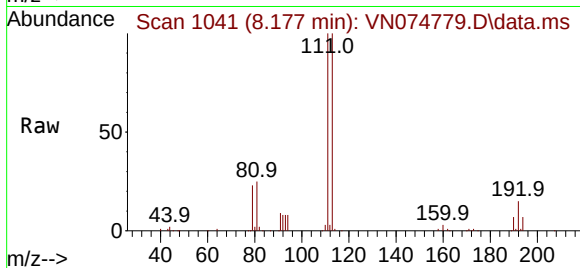
Tgt Ion:113 Resp: 259007

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 16.0 12.6 18.8



#44

Trichloroethene

Concen: 53.450 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN074779.D

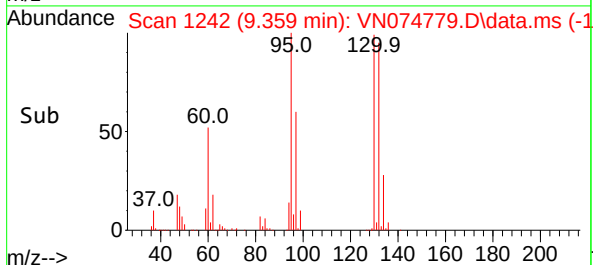
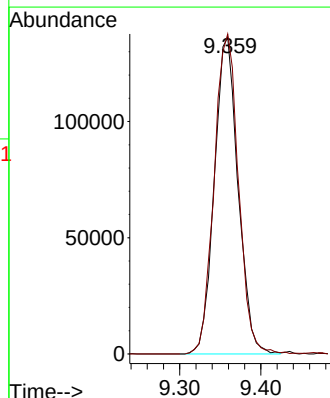
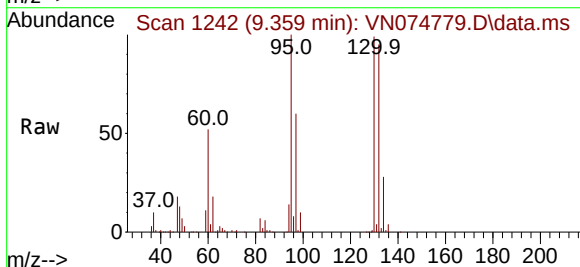
Acq: 06 Oct 2022 13:27

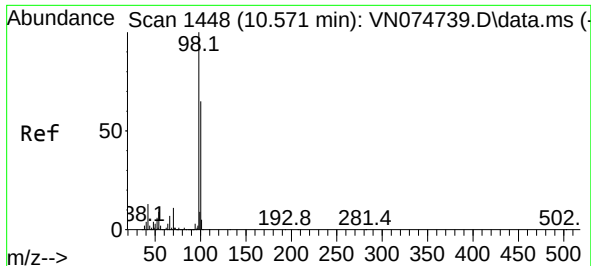
Tgt Ion:130 Resp: 276925

Ion Ratio Lower Upper

130 100

95 101.1 0.0 207.6

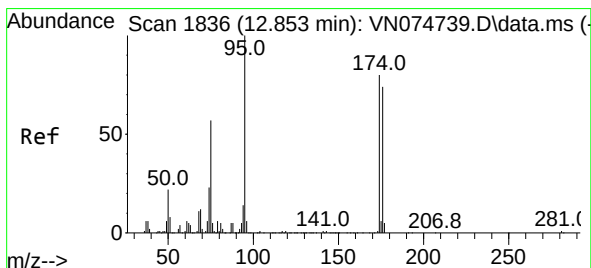
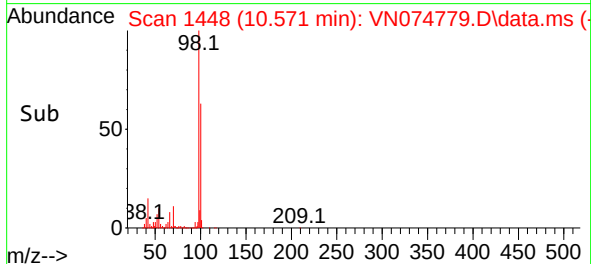
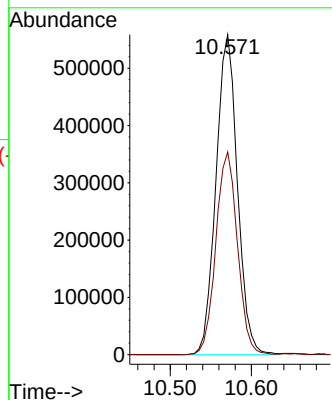
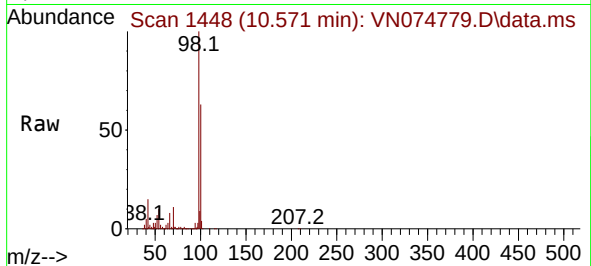




#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

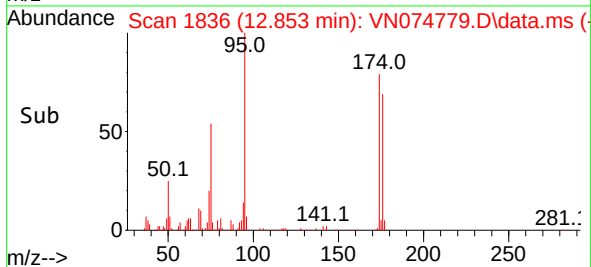
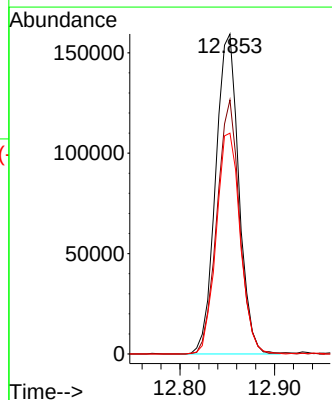
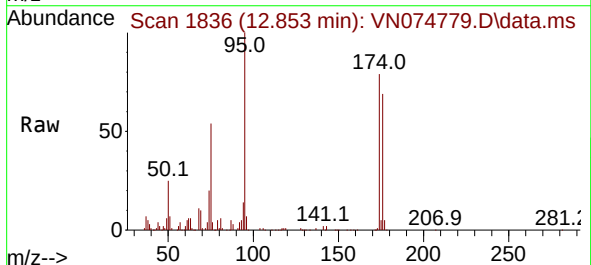
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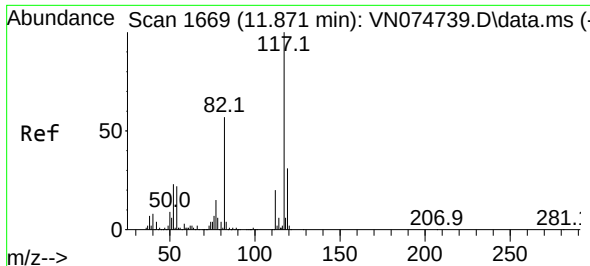
Tgt Ion: 98 Resp: 1027732
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 43.803 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

Tgt Ion: 95 Resp: 271246
Ion Ratio Lower Upper
95 100
174 77.4 0.0 149.4
176 71.6 0.0 142.0

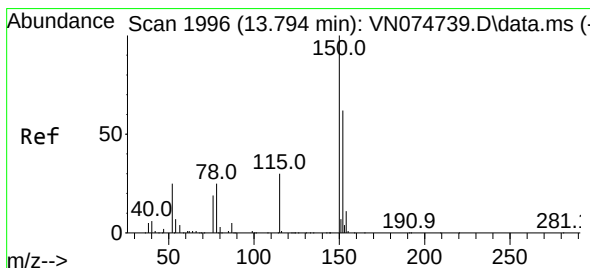
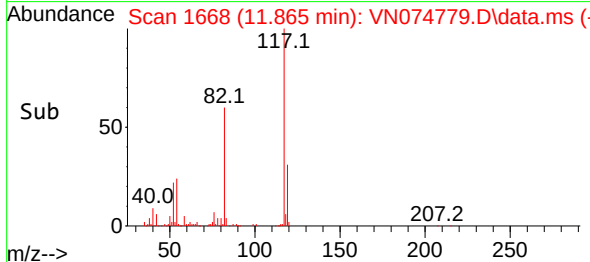
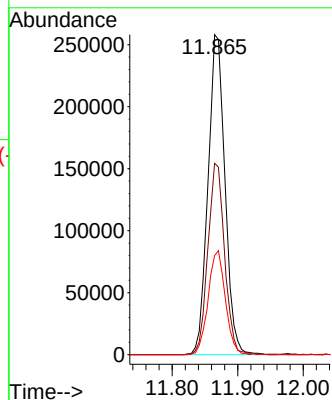
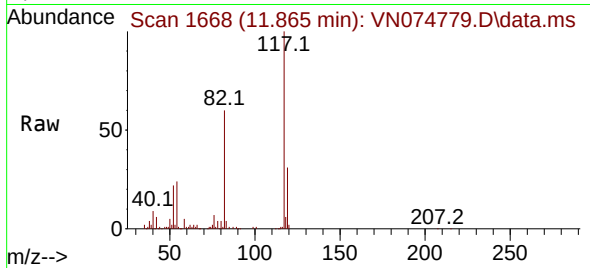




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-763-765DL

Tgt Ion:117 Resp: 465916
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.2
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074779.D
Acq: 06 Oct 2022 13:27

Tgt Ion:152 Resp: 221886
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.0
150 159.6 0.0 356.4

