

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074437.D
 Acq On : 13 Sep 2022 16:51
 Operator : JC\MD
 Sample : N4492-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122

Quant Time: Sep 14 08:02:42 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)

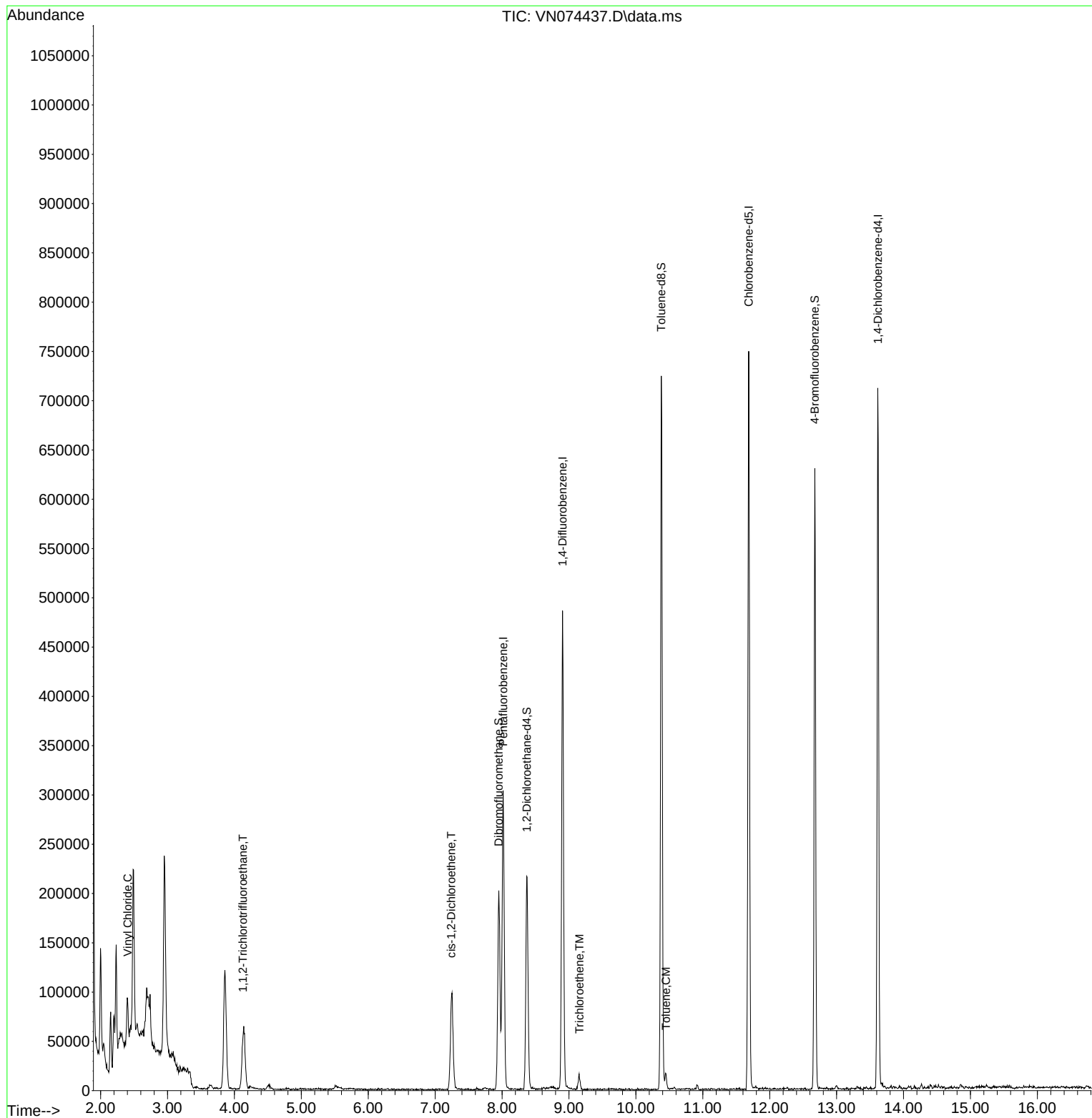
Internal Standards						
1) Pentafluorobenzene	8.016	168	195738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	371837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	368013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	159599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	174916	51.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.300%	
35) Dibromofluoromethane	7.951	113	132776	52.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.780%	
50) Toluene-d8	10.380	98	457523	46.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.560%	
62) 4-Bromofluorobenzene	12.674	95	179482	50.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.080%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.405	62	32947	7.774	ug/l #	60
9) 1,1,2-Trichlorotrifluo...	4.128	101	38696	15.432	ug/l	95
27) cis-1,2-Dichloroethene	7.239	96	53381	15.847	ug/l	88
44) Trichloroethene	9.157	130	4579	1.613	ug/l	88
52) Toluene	10.451	92	4621	0.590	ug/l	88

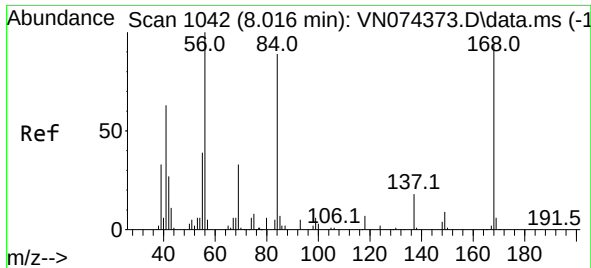
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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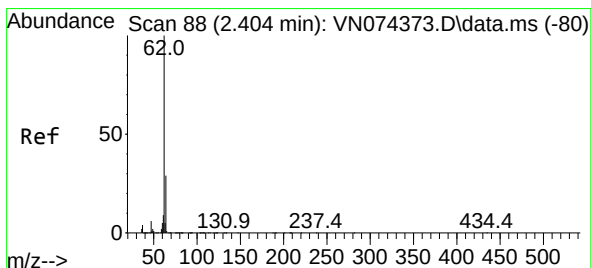
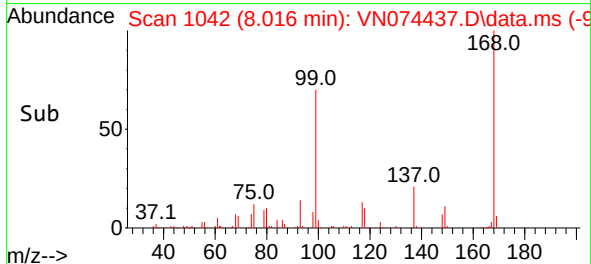
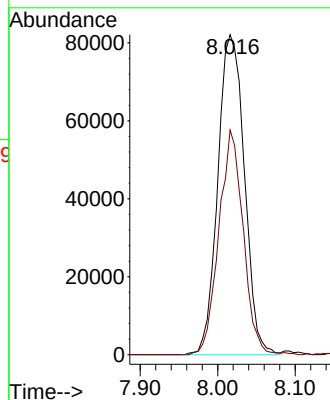
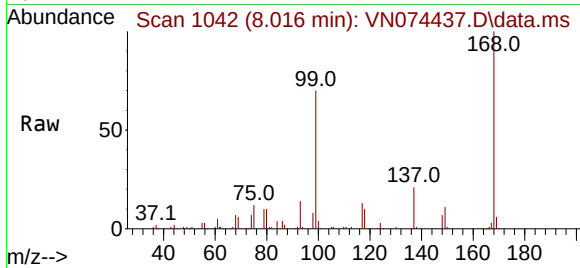




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

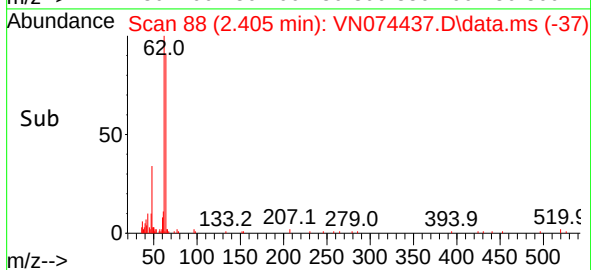
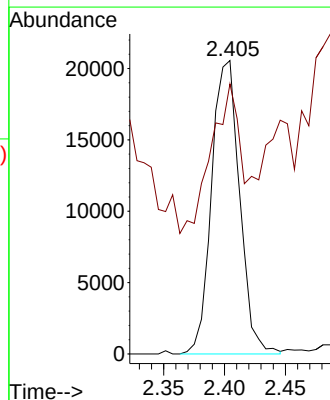
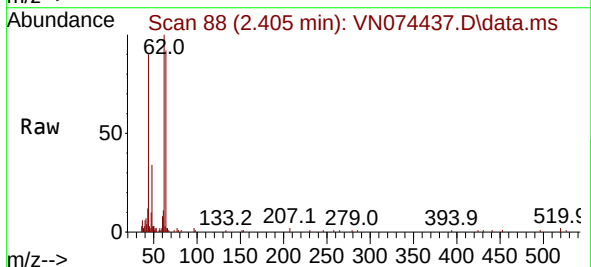
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122

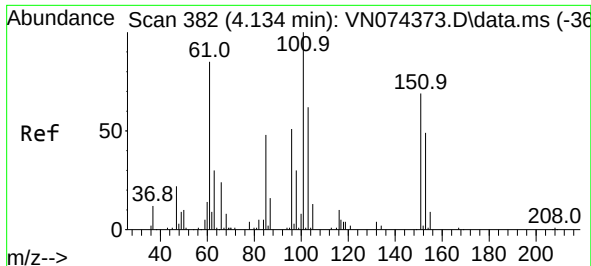
Tgt Ion:168 Resp: 195738
Ion Ratio Lower Upper
168 100
99 70.2 52.8 79.2



#4
Vinyl Chloride
Concen: 7.774 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

Tgt Ion: 62 Resp: 32947
Ion Ratio Lower Upper
62 100
64 51.0 23.5 35.3#

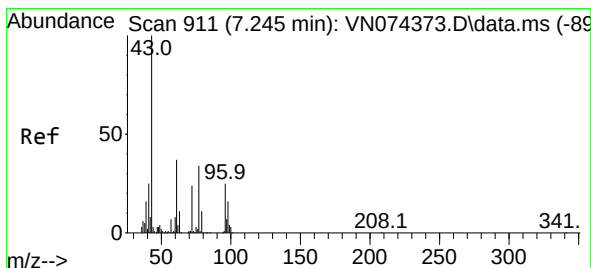
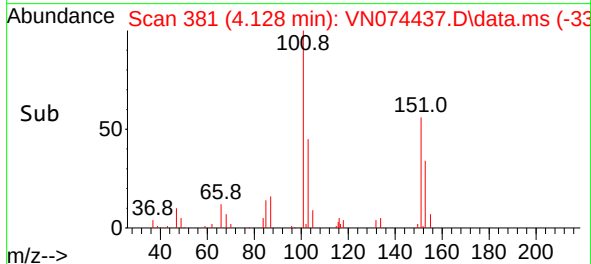
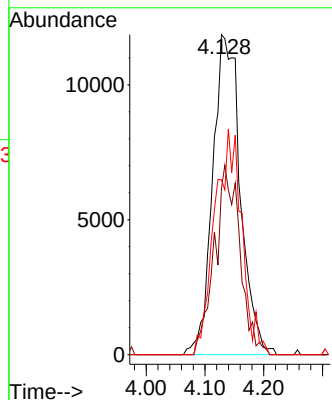
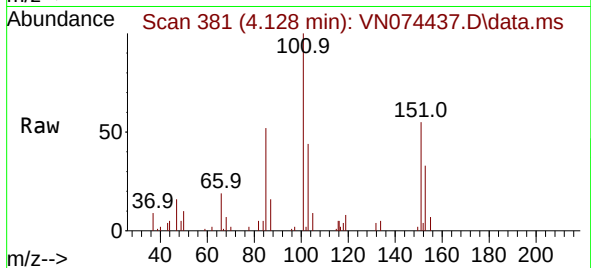




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.432 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

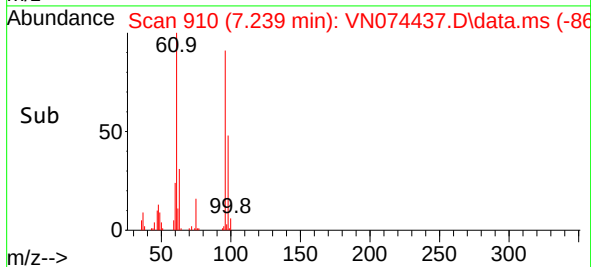
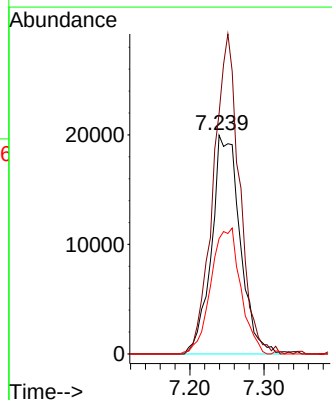
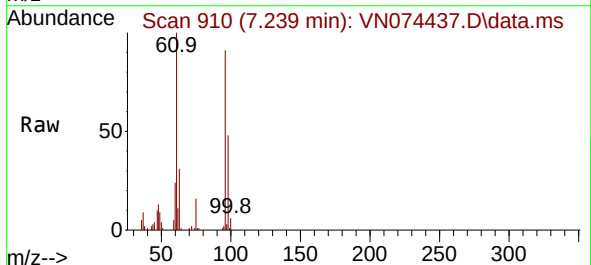
Instrument :
MSVOA_N
ClientSampleId :
MW-09-1.5-11.5-083122

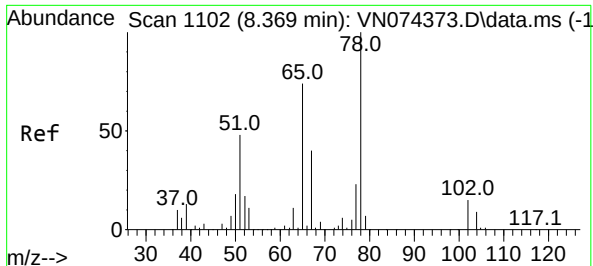
Tgt Ion:101 Resp: 38696
Ion Ratio Lower Upper
101 100
85 54.4 39.5 59.3
151 68.8 57.8 86.6



#27
cis-1,2-Dichloroethene
Concen: 15.847 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

Tgt Ion: 96 Resp: 53381
Ion Ratio Lower Upper
96 100
61 134.0 0.0 306.2
98 59.9 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 51.650 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074437.D

Acq: 13 Sep 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

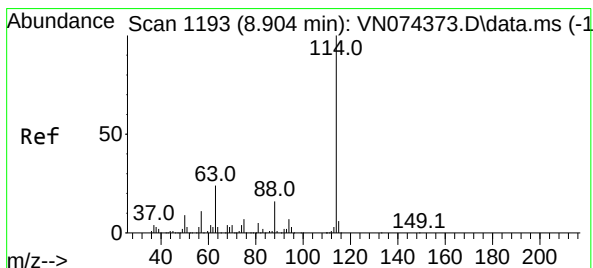
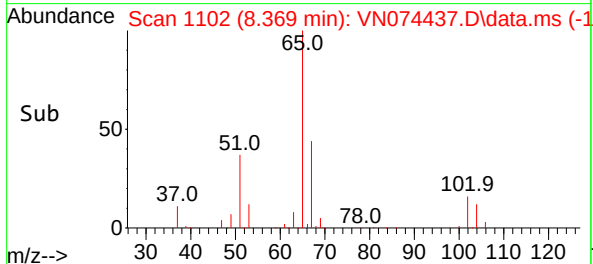
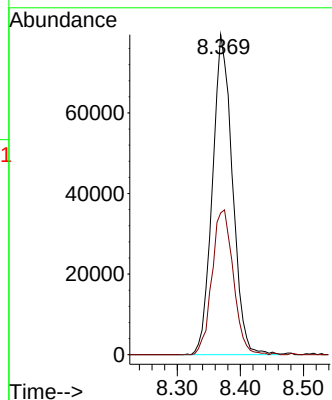
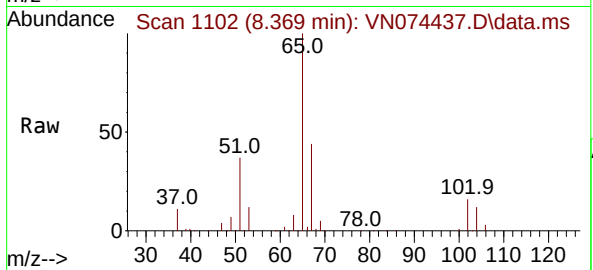
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Tgt Ion: 65 Resp: 174916

Ion Ratio Lower Upper

65 100

67 48.1 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: VN074437.D

Acq: 13 Sep 2022 16:51

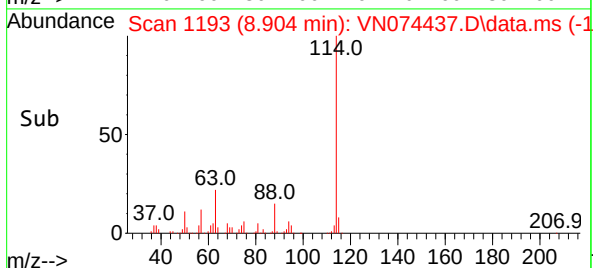
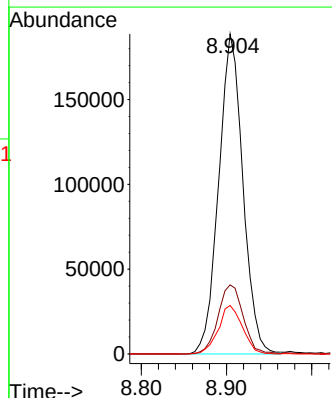
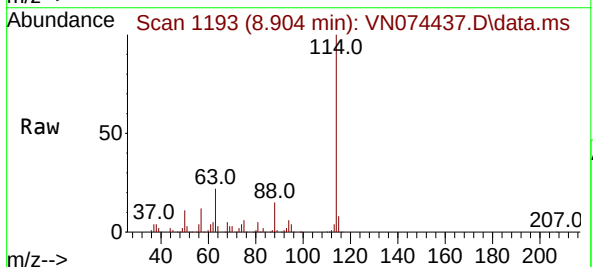
Tgt Ion: 114 Resp: 371837

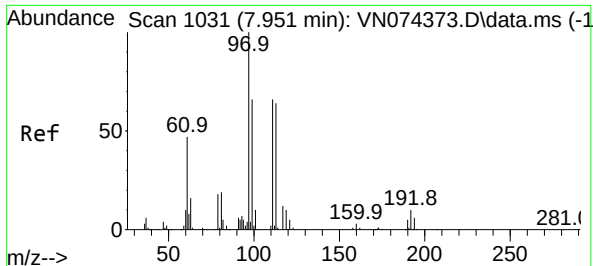
Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.893 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074437.D

Acq: 13 Sep 2022 16:51

Instrument :

MSVOA_N

ClientSampleId :

MW-09-1.5-11.5-083122

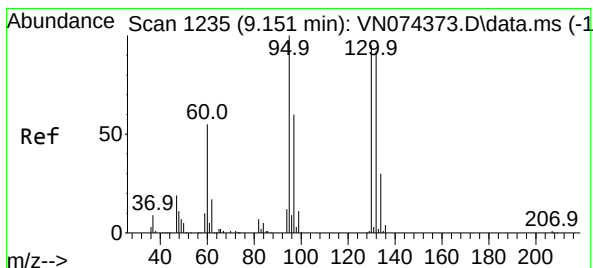
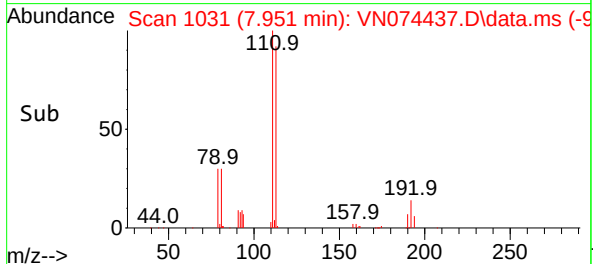
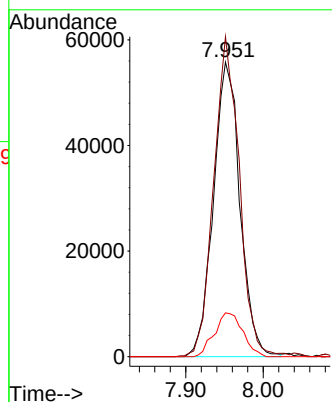
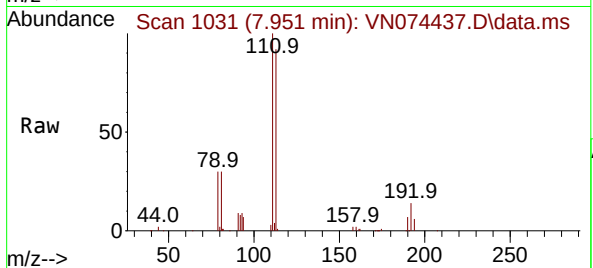
Tgt Ion:113 Resp: 132776

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

192 15.9 13.7 20.5



#44

Trichloroethene

Concen: 1.613 ug/l

RT: 9.157 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VN074437.D

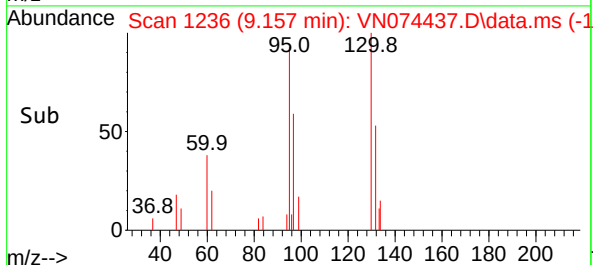
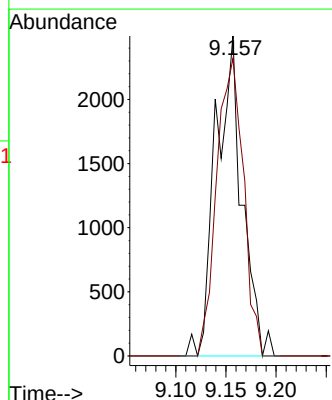
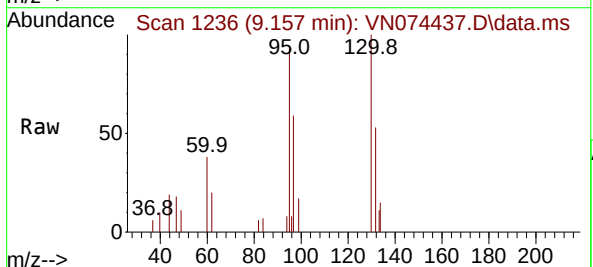
Acq: 13 Sep 2022 16:51

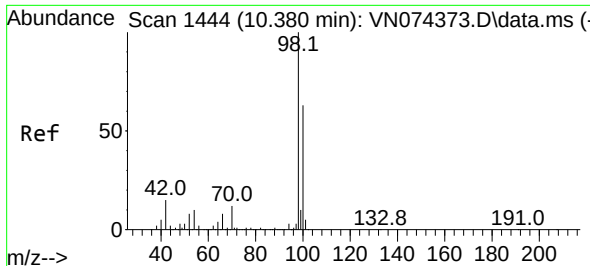
Tgt Ion:130 Resp: 4579

Ion Ratio Lower Upper

130 100

95 93.0 0.0 210.0

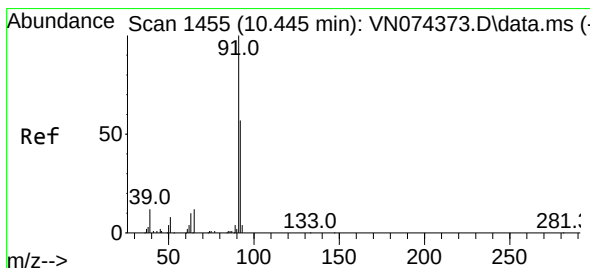
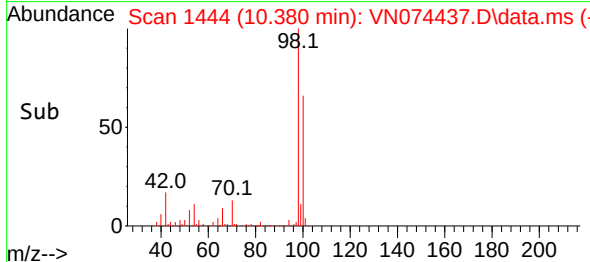
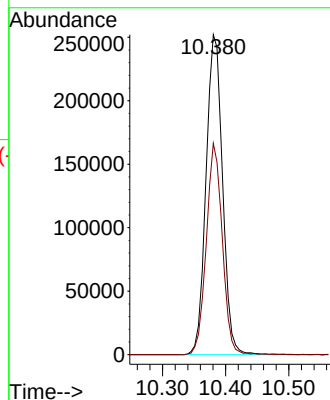
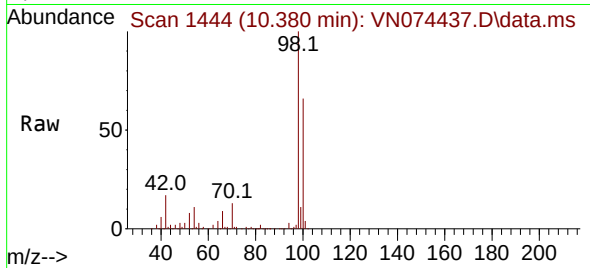




#50
Toluene-d8
Concen: 46.776 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

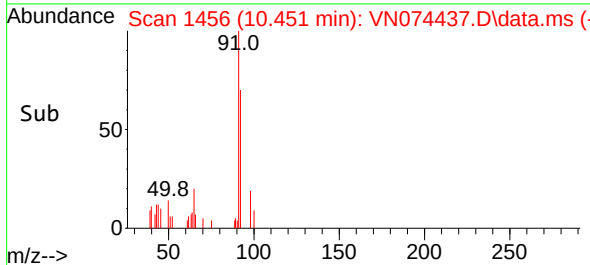
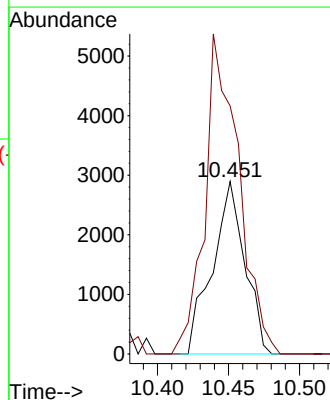
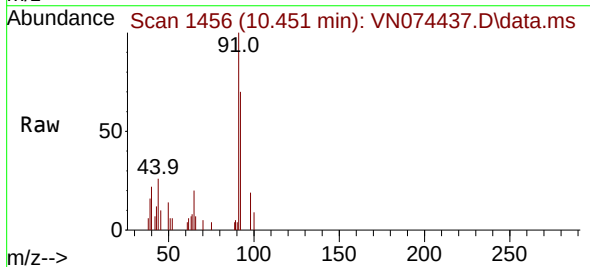
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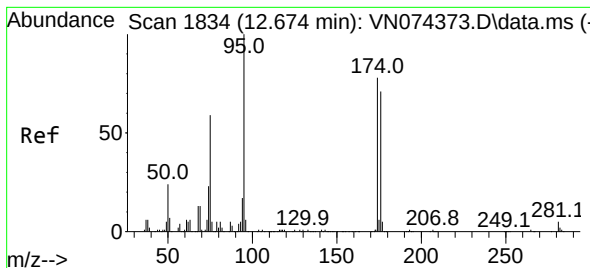
Tgt Ion: 98 Resp: 457523
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0



#52
Toluene
Concen: 0.590 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

Tgt Ion: 92 Resp: 4621
Ion Ratio Lower Upper
92 100
91 191.6 139.8 209.6

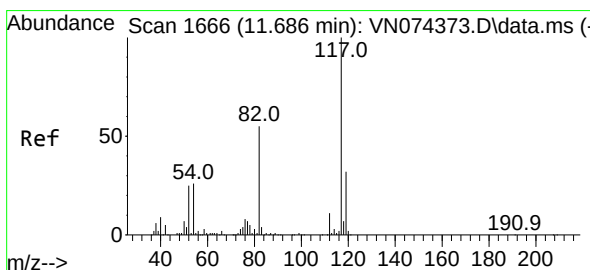
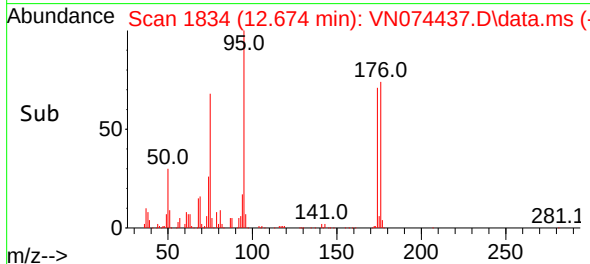
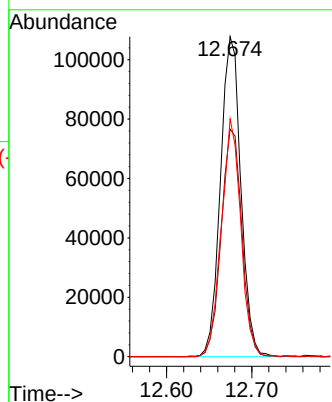
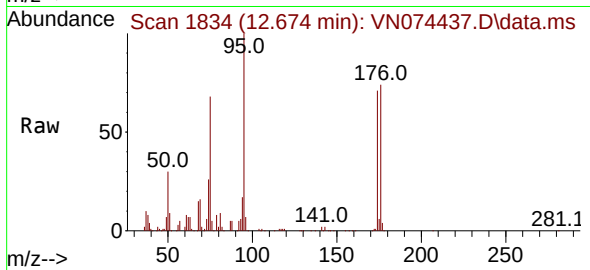




#62
4-Bromofluorobenzene
Concen: 50.541 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

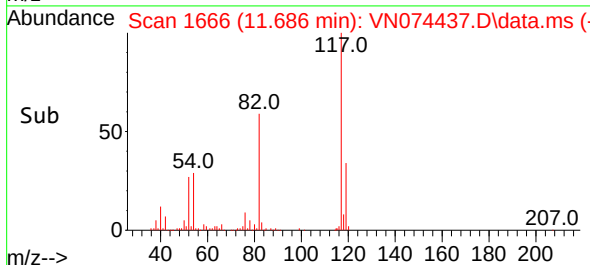
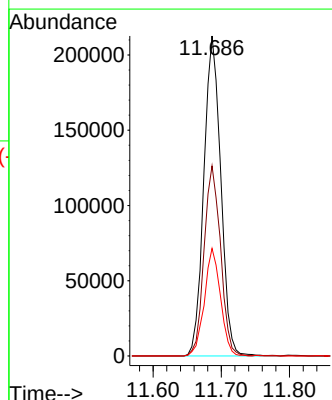
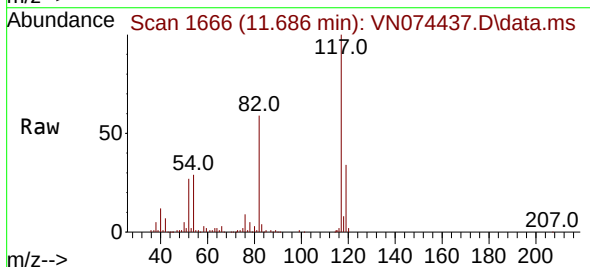
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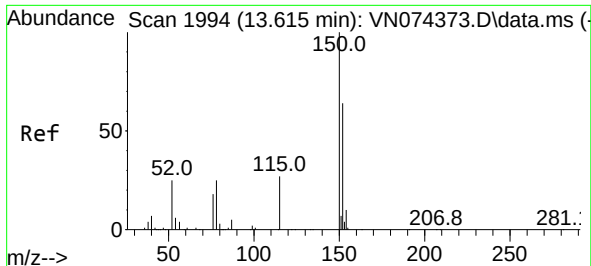
Tgt Ion: 95 Resp: 179482
Ion Ratio Lower Upper
95 100
174 72.1 0.0 150.6
176 70.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074437.D
Acq: 13 Sep 2022 16:51

Tgt Ion: 117 Resp: 368013
Ion Ratio Lower Upper
117 100
82 59.4 44.3 66.5
119 33.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074437.D
 Acq: 13 Sep 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122

Tgt Ion:152 Resp: 159599
 Ion Ratio Lower Upper
 152 100
 115 61.5 32.0 96.0
 150 155.6 0.0 359.6

