

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081503.D
 Acq On : 20 Mar 2024 18:58
 Operator : JC\MD
 Sample : P1820-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER

Quant Time: Mar 21 01:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

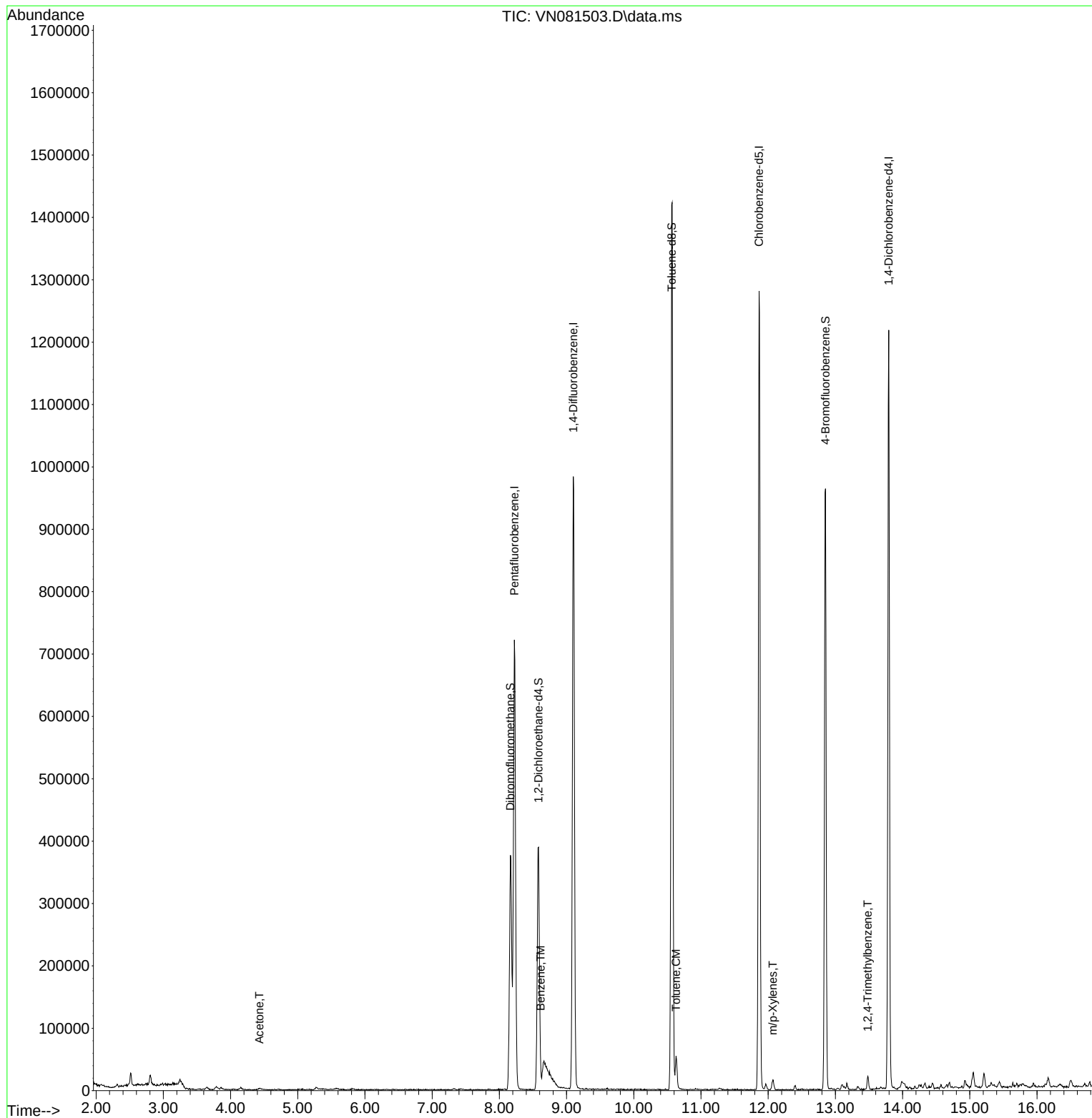
Internal Standards						
1) Pentafluorobenzene	8.224	168	528756	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	896492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	771222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	325050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	317473	47.082	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.160%
35) Dibromofluoromethane	8.165	113	271720	48.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.565	98	1021552	49.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	332680	46.163	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.320%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	4659	2.138	ug/l	# 79
40) Benzene	8.612	78	13712	0.493	ug/l	95
52) Toluene	10.629	92	22870	1.293	ug/l	96
68) m/p-Xylenes	12.071	106	4969	0.419	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	12001	0.522	ug/l	99

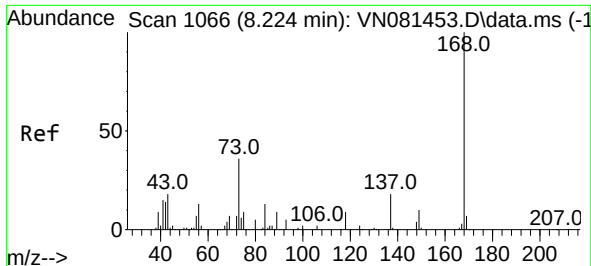
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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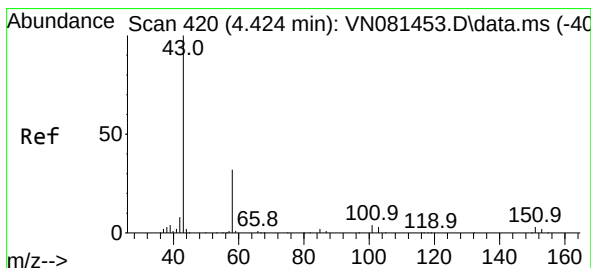
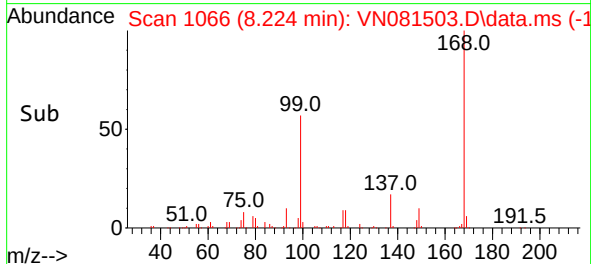
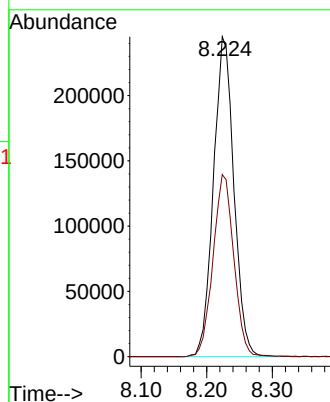
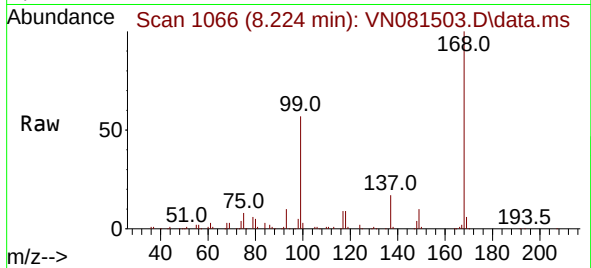




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

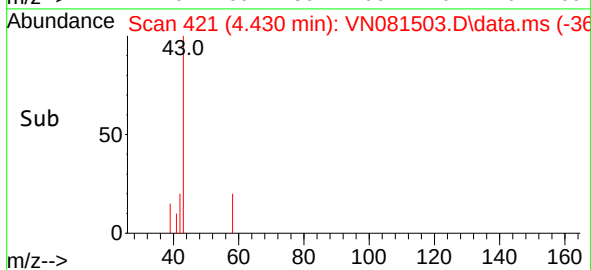
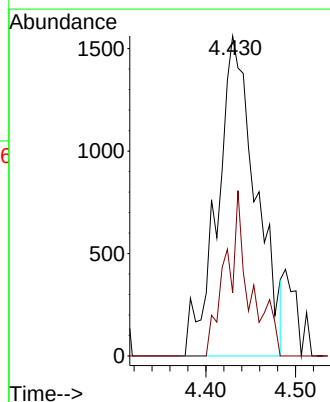
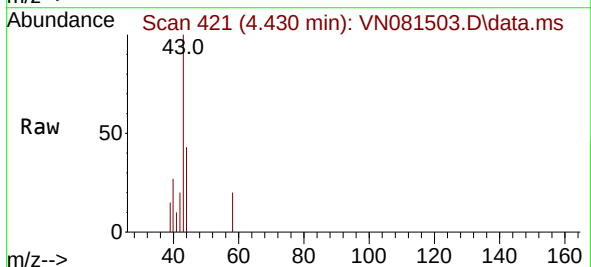
Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER

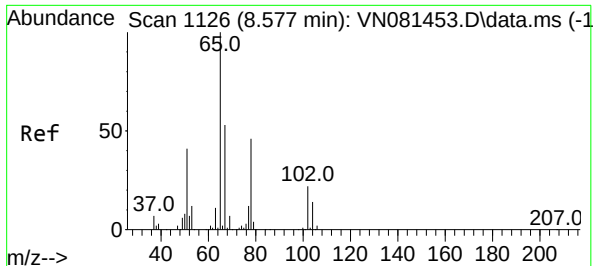
Tgt Ion:168 Resp: 528756
Ion Ratio Lower Upper
168 100
99 56.9 59.9 89.9#



#16
Acetone
Concen: 2.138 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion: 43 Resp: 4659
Ion Ratio Lower Upper
43 100
58 19.7 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 47.082 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

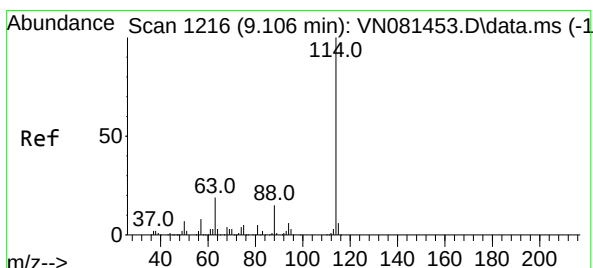
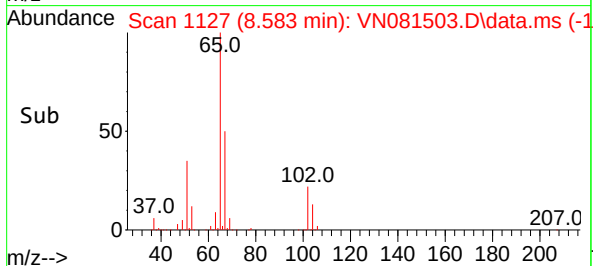
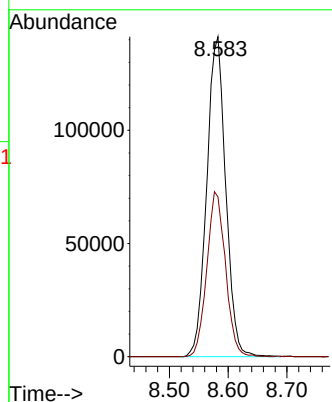
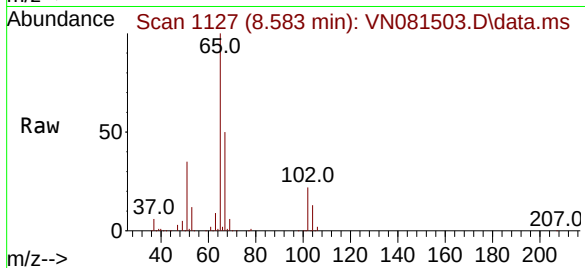
WASTE-WATER

Tgt Ion: 65 Resp: 317473

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

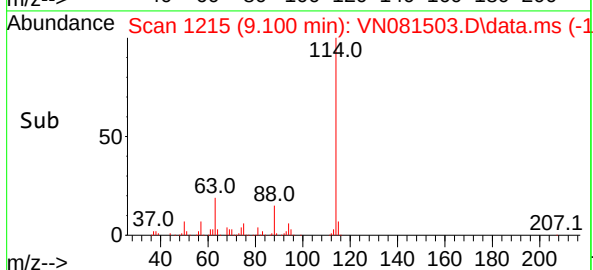
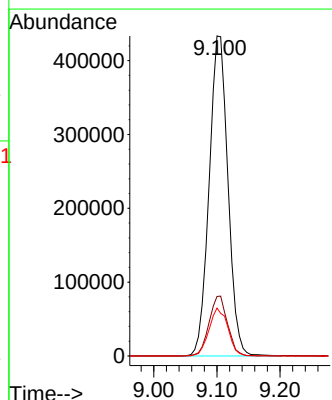
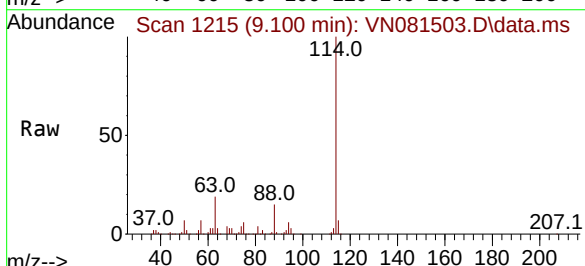
Tgt Ion: 114 Resp: 896492

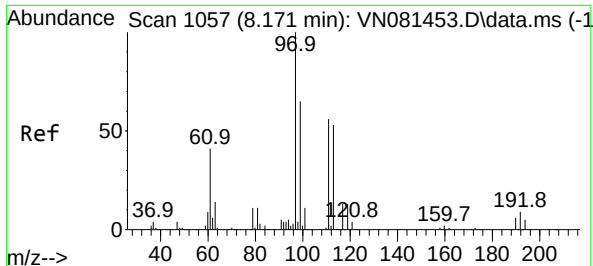
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.026 ug/l

RT: 8.165 min Scan# 113

Delta R.T. -0.006 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

WASTE-WATER

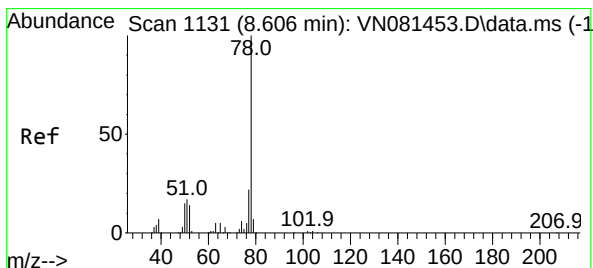
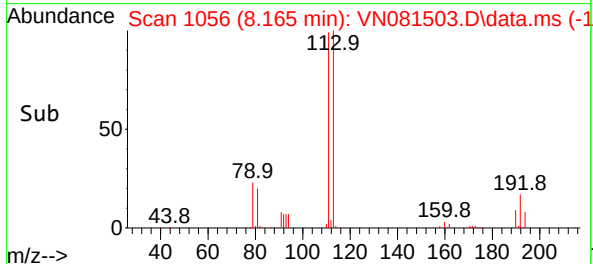
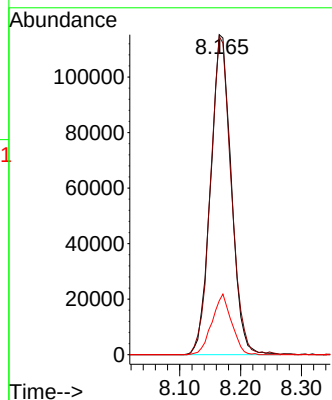
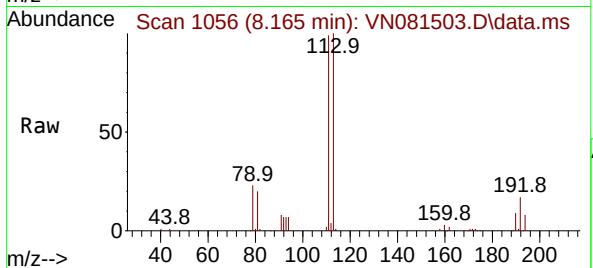
Tgt Ion:113 Resp: 271720

Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 17.9 12.5 18.7



#40

Benzene

Concen: 0.493 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081503.D

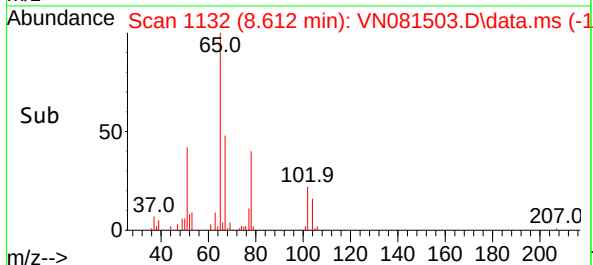
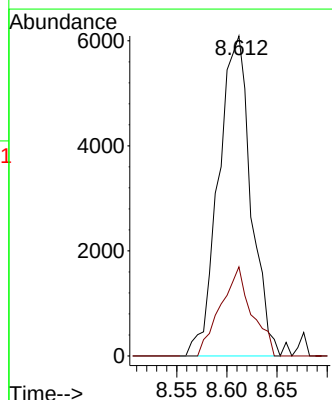
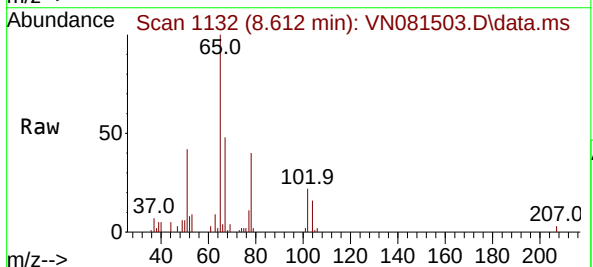
Acq: 20 Mar 2024 18:58

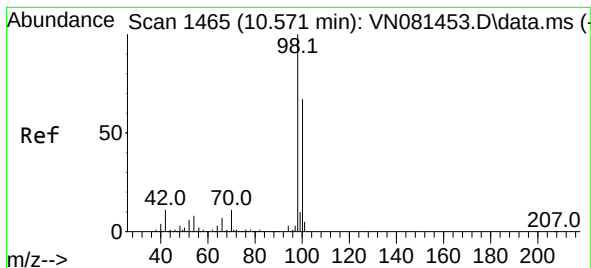
Tgt Ion: 78 Resp: 13712

Ion Ratio Lower Upper

78 100

77 27.9 20.4 30.6

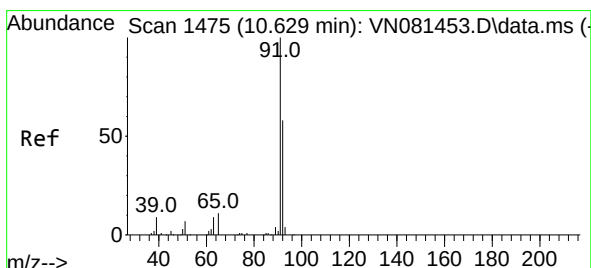
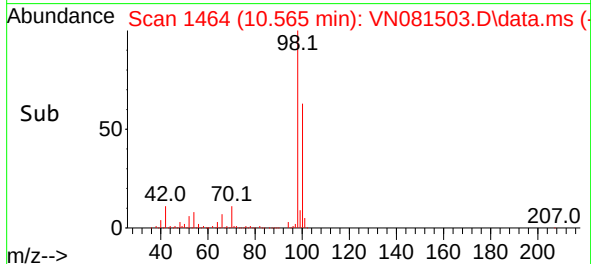
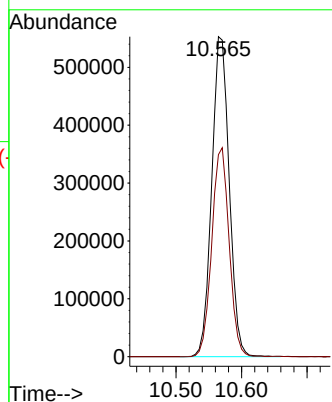
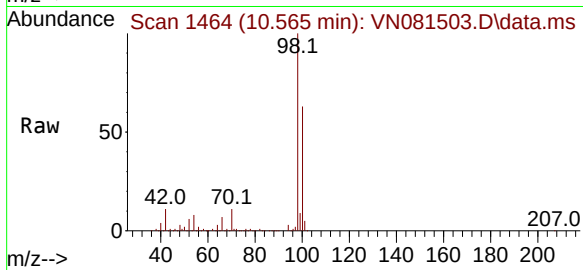




#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

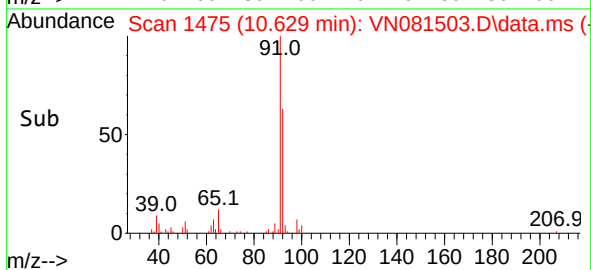
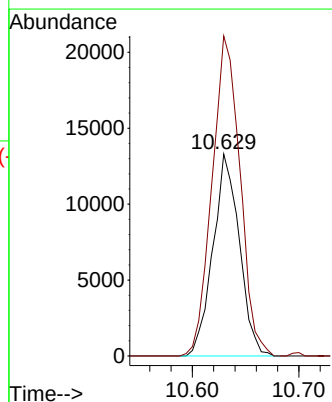
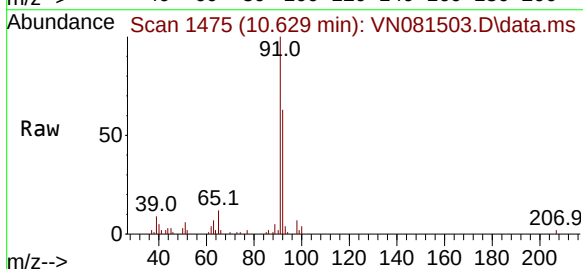
Instrument :
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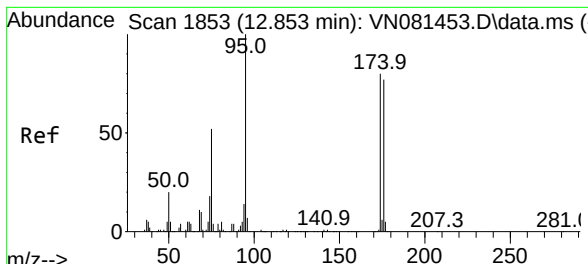
Tgt Ion: 98 Resp: 1021552
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#52
Toluene
Concen: 1.293 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion: 92 Resp: 22870
Ion Ratio Lower Upper
92 100
91 168.1 139.4 209.0



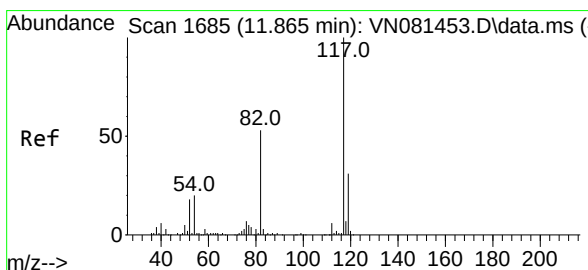
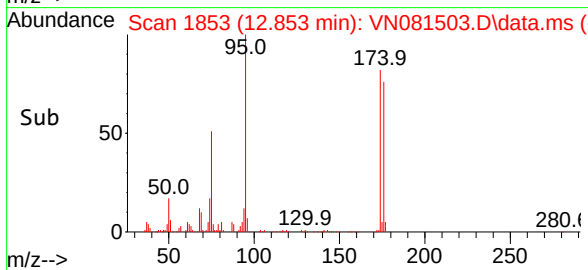
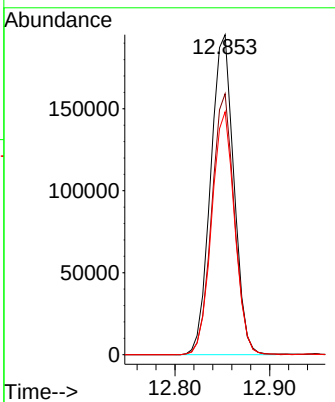
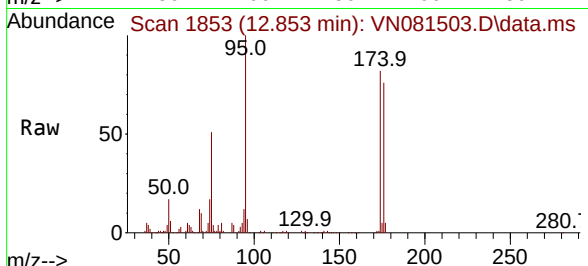


#62
 4-Bromofluorobenzene
 Concen: 46.163 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER

Tgt Ion: 95 Resp: 332680

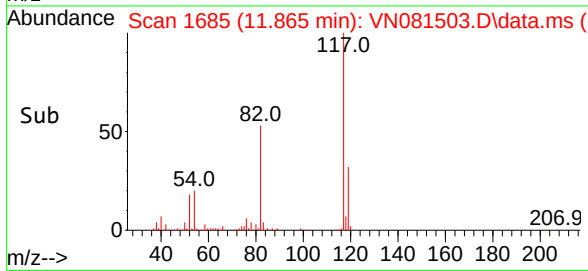
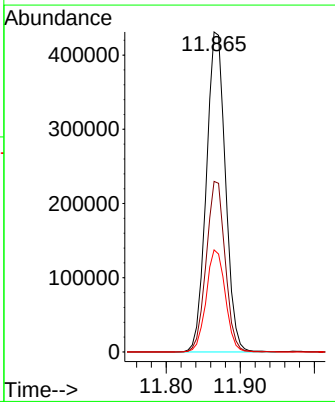
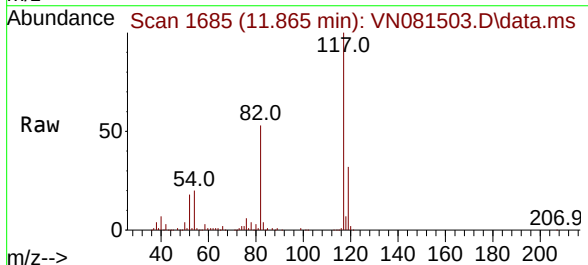
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	120.4
176	75.2	0.0	121.0

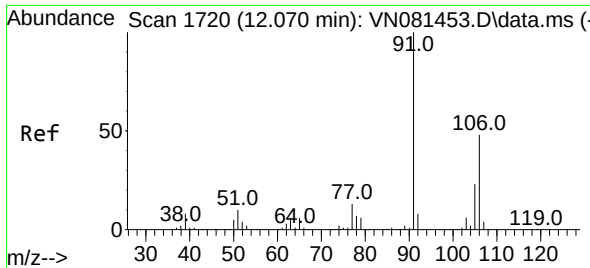


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Tgt Ion: 117 Resp: 771222

Ion	Ratio	Lower	Upper
117	100		
82	53.3	52.7	79.1
119	31.9	25.3	37.9

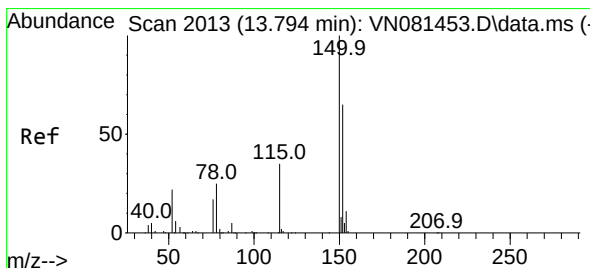
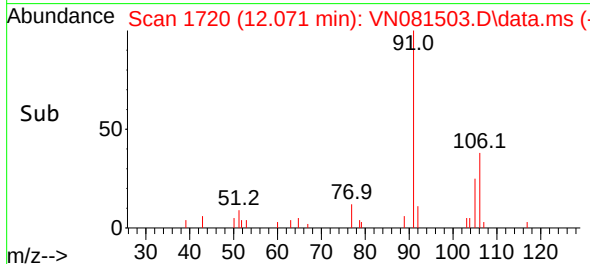
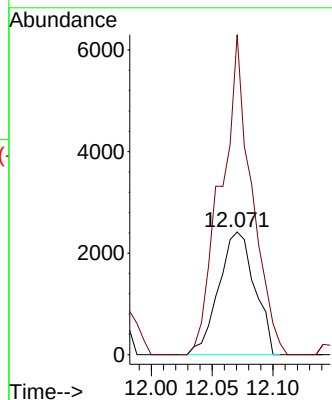
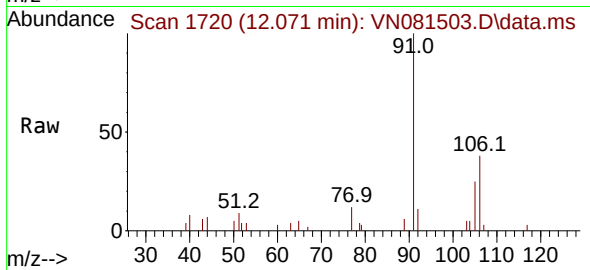




#68
m/p-Xylenes
Concen: 0.419 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

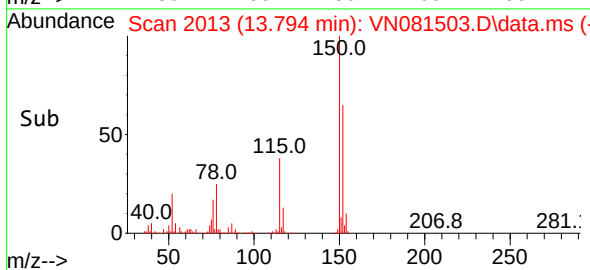
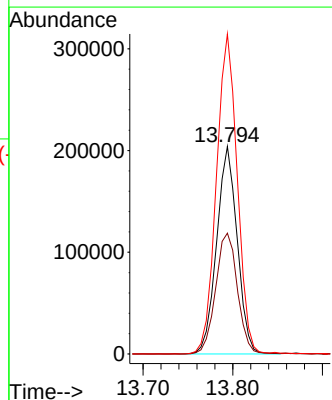
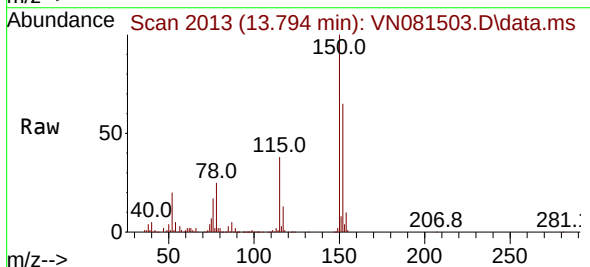
Instrument :
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ClientSampleId :
WASTE-WATER

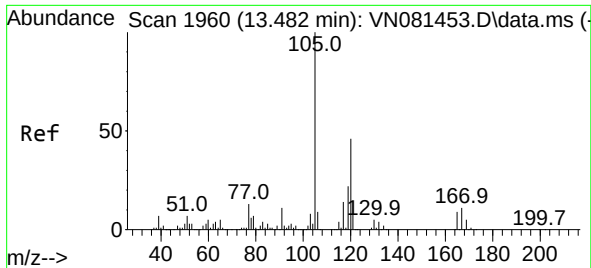
Tgt Ion:106 Resp: 4969
Ion Ratio Lower Upper
106 100
91 223.5 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion:152 Resp: 325050
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 155.8 0.0 339.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.522 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-WATER

Tgt Ion:105 Resp: 12001
 Ion Ratio Lower Upper
 105 100
 120 42.4 20.9 62.7

