

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041359.D
 Acq On : 02 May 2024 17:19
 Operator : JC/MD
 Sample : P2352-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-112-050124

Quant Time: May 03 01:42:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169244	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82891	44.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.980%
35) Dibromofluoromethane	5.385	113	74180	50.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	8.647	98	233628	50.484	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.079	95	92313	51.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%

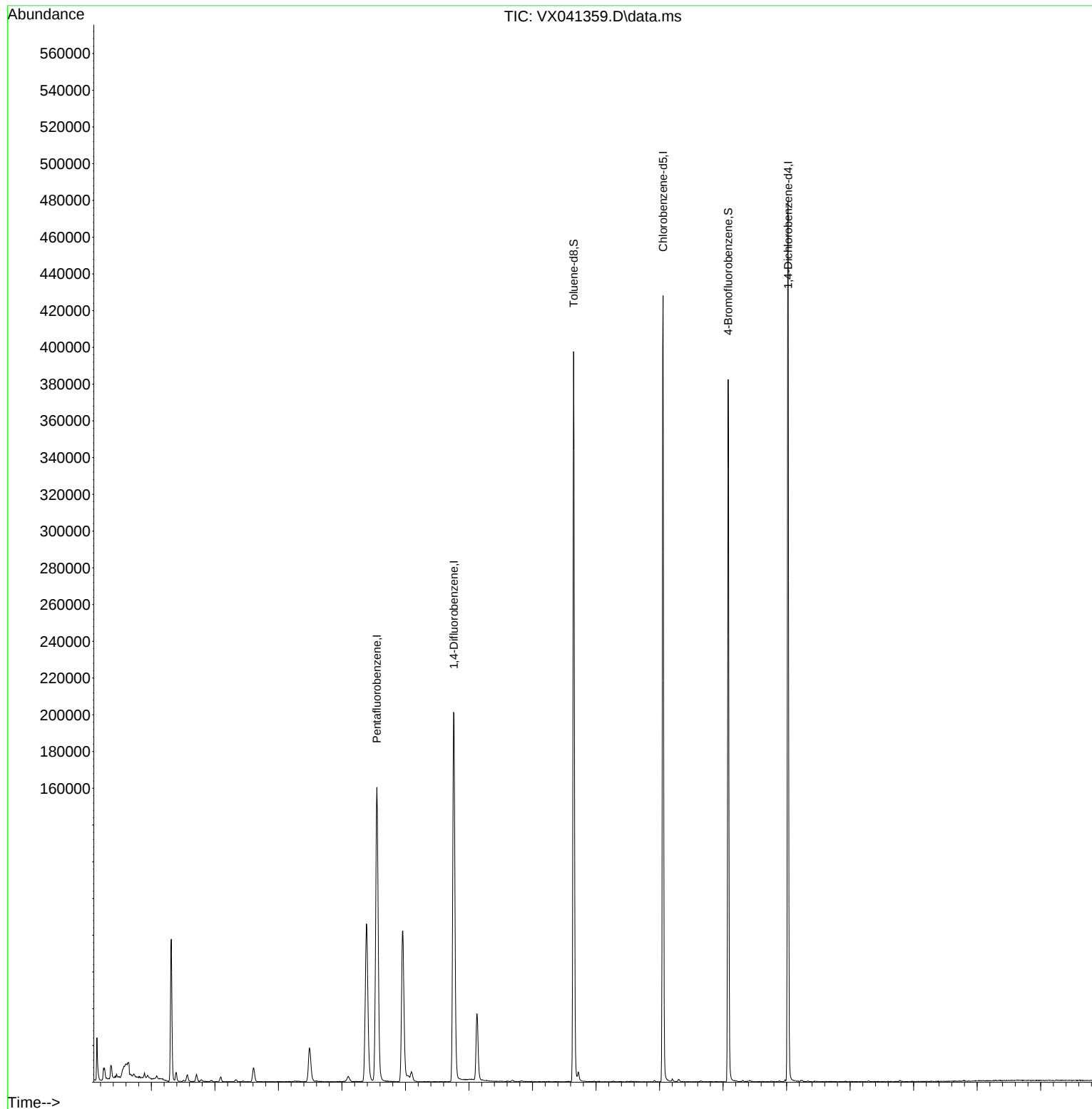
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	25154	19.179	ug/l	87
16) Acetone	2.392	43	5794	3.281	ug/l	99
18) Methyl Acetate	2.709	43	4899	2.599	ug/l	97
24) 1,1-Dichloroethane	3.611	63	8581	3.253	ug/l	# 95
27) cis-1,2-Dichloroethene	4.495	96	12391	7.140	ug/l	81
30) Chloroform	5.105	83	3593	1.309	ug/l	90
40) Benzene	6.044	78	3427	0.636	ug/l	96
42) 1,2-Dichloroethane	6.092	62	6388	3.234	ug/l	100
44) Trichloroethene	7.129	130	15198	10.679	ug/l	89
52) Toluene	8.726	92	2062	0.625	ug/l	90

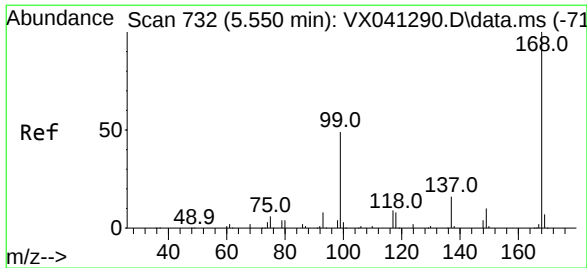
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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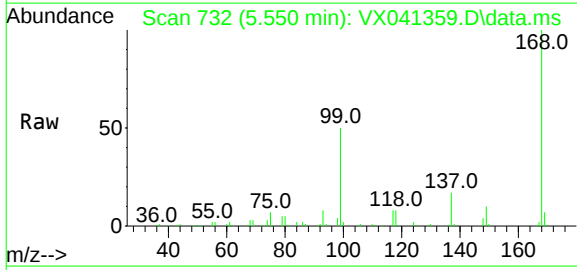
Quant Time: May 03 01:42:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
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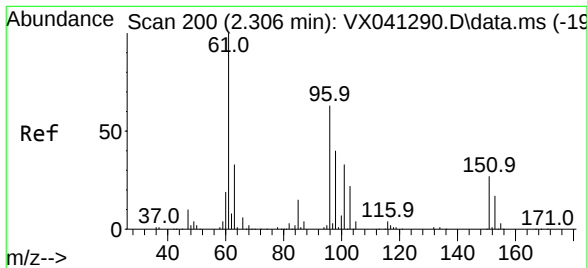
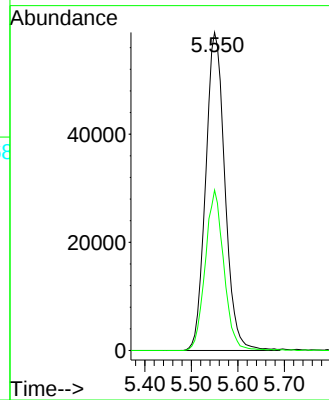
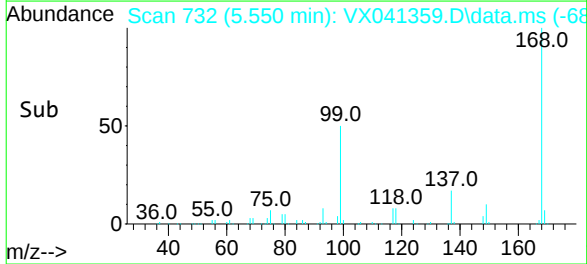


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-112-050124

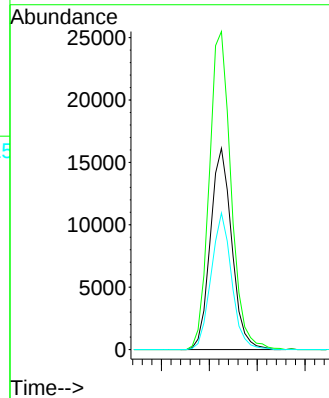
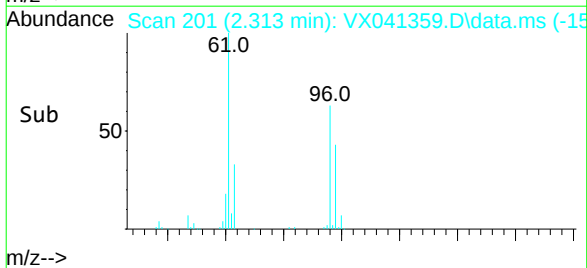
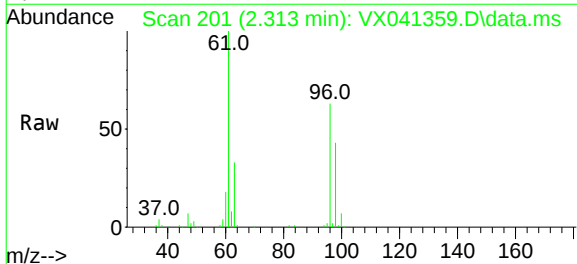


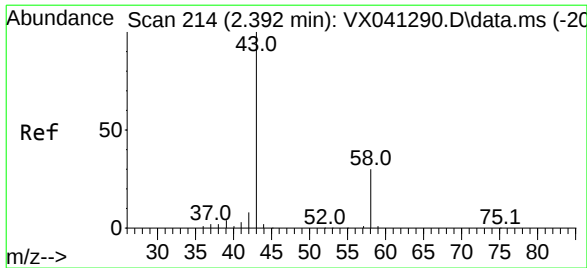
Tgt Ion:168 Resp: 169244
Ion Ratio Lower Upper
168 100
99 50.4 56.6 85.0#



#12
1,1-Dichloroethene
Concen: 19.179 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

Tgt Ion: 96 Resp: 25154
Ion Ratio Lower Upper
96 100
61 158.0 144.6 216.8
98 67.8 50.4 75.6





#16

Acetone

Concen: 3.281 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

Instrument :

MSVOA_X

ClientSampleId :

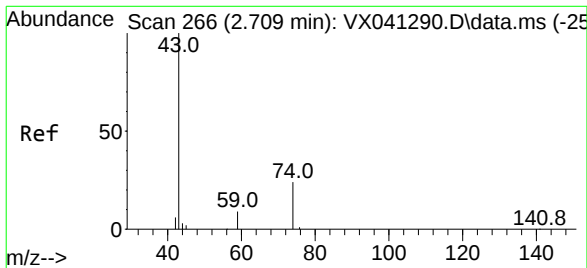
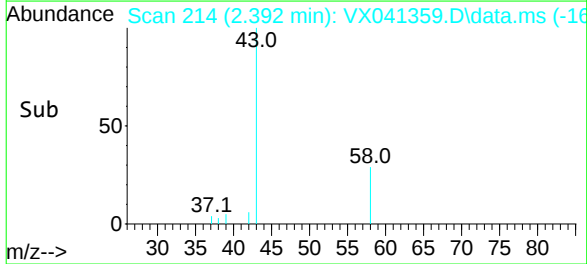
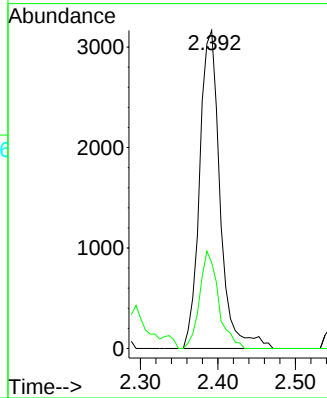
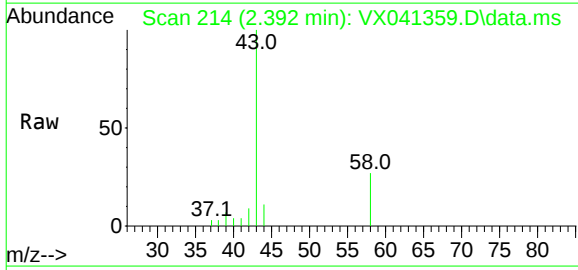
MW-18B-112-050124

Tgt Ion: 43 Resp: 5794

Ion Ratio Lower Upper

43 100

58 27.0 21.9 32.9



#18

Methyl Acetate

Concen: 2.599 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041359.D

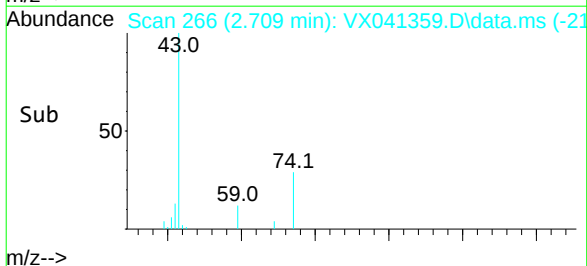
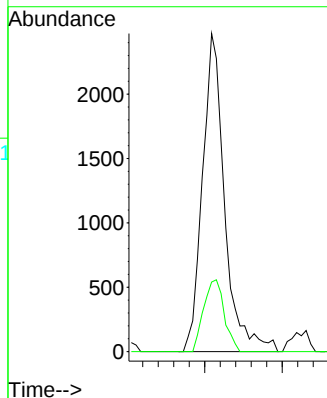
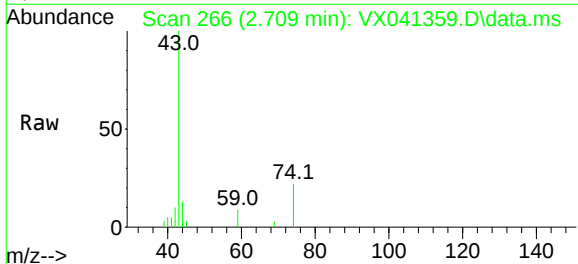
Acq: 02 May 2024 17:19

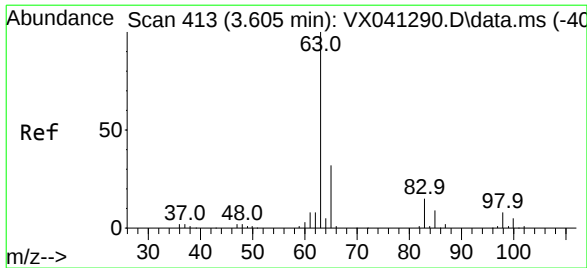
Tgt Ion: 43 Resp: 4899

Ion Ratio Lower Upper

43 100

74 21.0 17.8 26.8

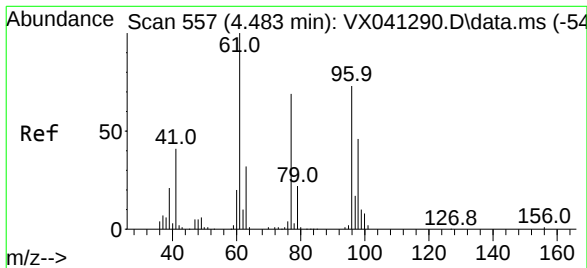
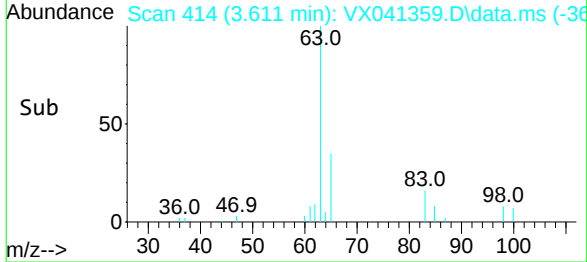
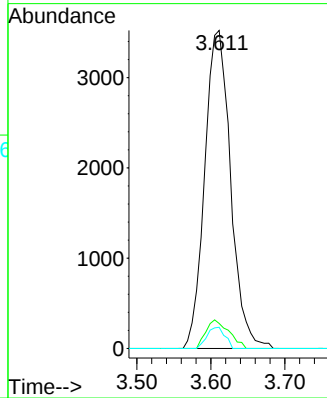
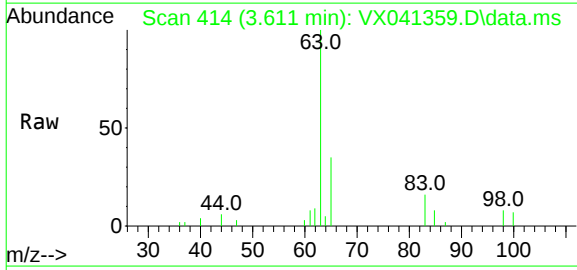




#24
1,1-Dichloroethane
Concen: 3.253 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

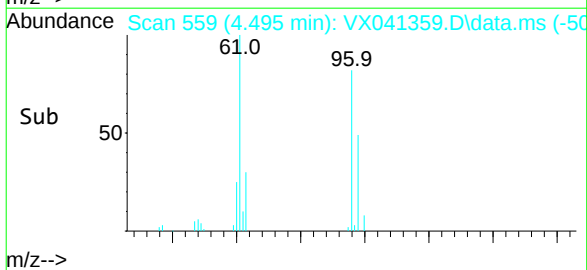
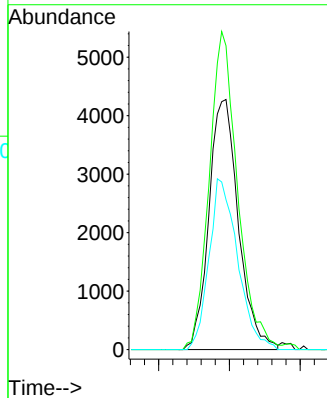
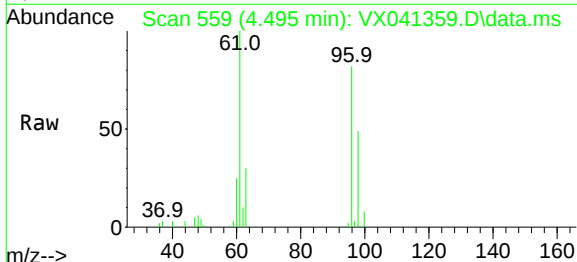
Instrument :
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MW-18B-112-050124

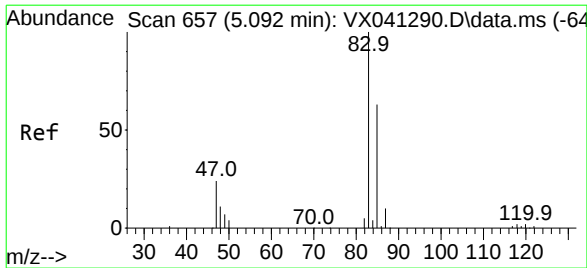
Tgt Ion:	63	Resp:	8581
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.3	9.8
100	6.7	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 7.140 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

Tgt Ion:	96	Resp:	12391
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	312.2
98	66.2	0.0	129.0

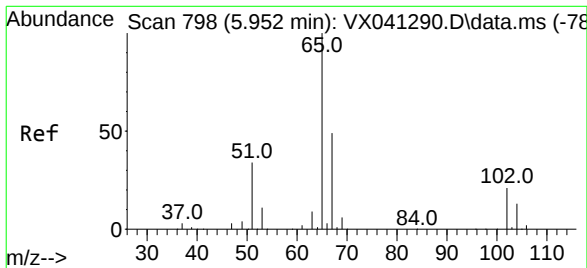
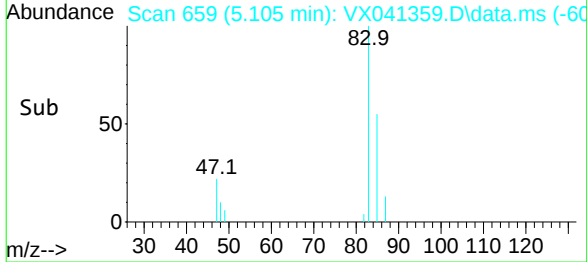
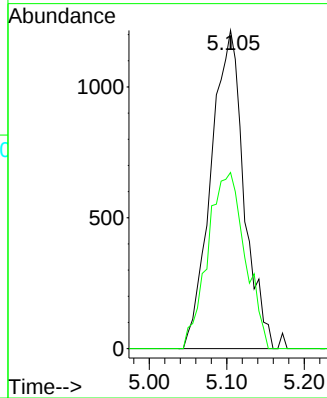
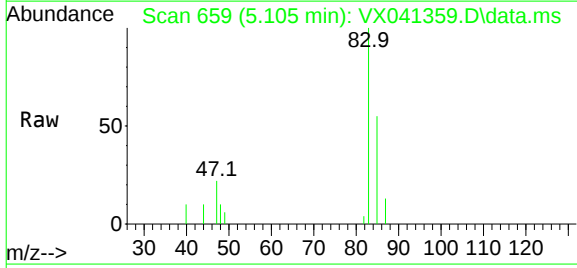




#30
Chloroform
Concen: 1.309 ug/l
RT: 5.105 min Scan# 65
Delta R.T. 0.012 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

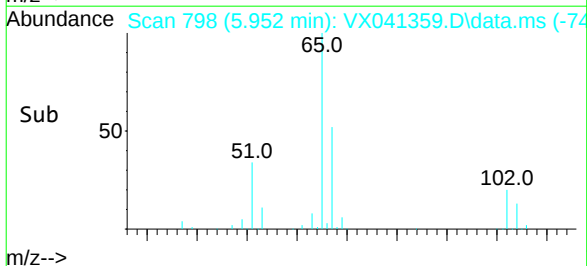
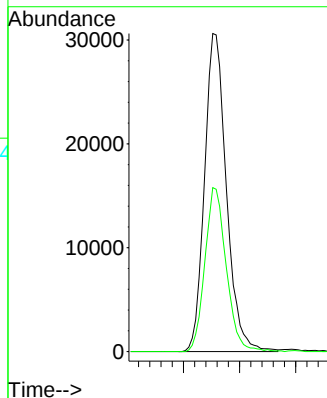
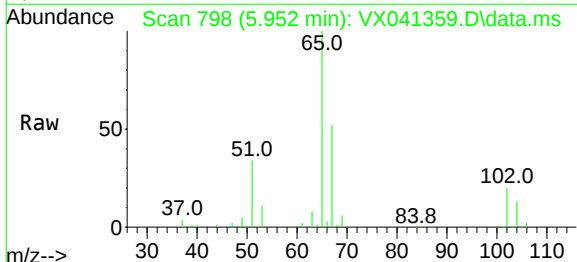
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-112-050124

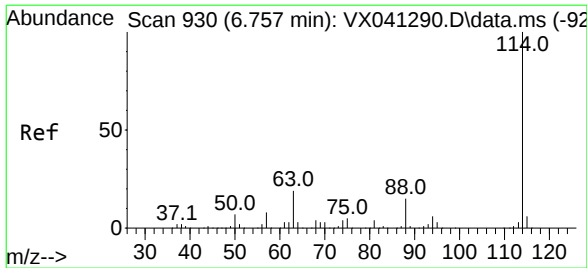
Tgt Ion: 83 Resp: 3593
Ion Ratio Lower Upper
83 100
85 55.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 44.989 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

Tgt Ion: 65 Resp: 82891
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

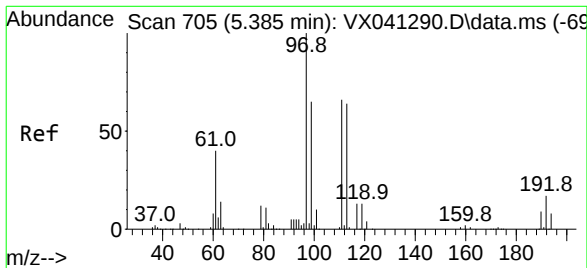
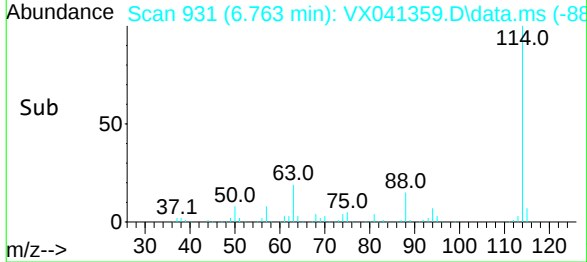
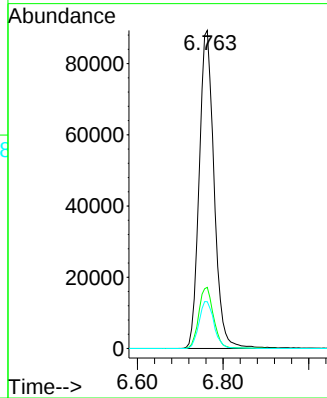
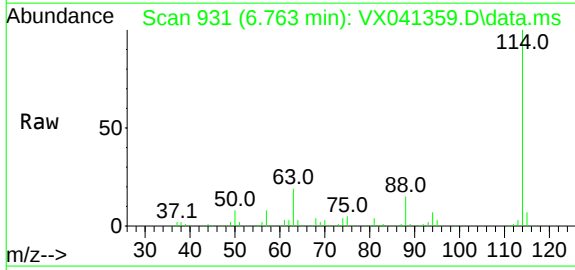




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

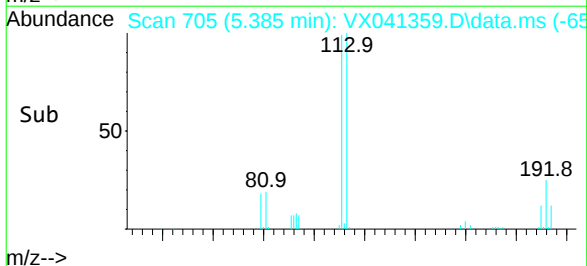
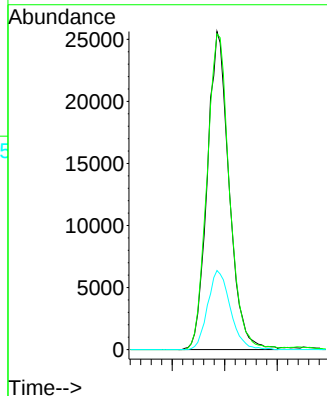
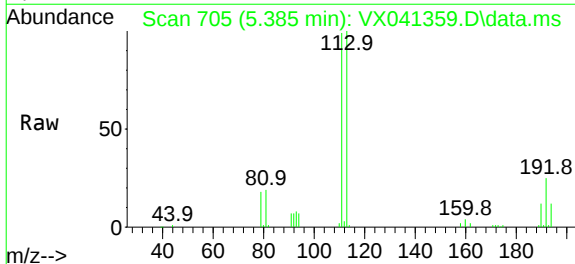
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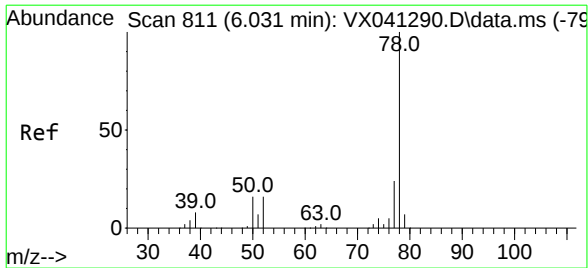
Tgt Ion:	114	Resp:	215757
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	45.0
88	14.7	0.0	36.6



#35
Dibromofluoromethane
Concen: 50.734 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041359.D
Acq: 02 May 2024 17:19

Tgt Ion:	113	Resp:	74180
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	25.7	13.3	19.9





#40

Benzene

Concen: 0.636 ug/l

RT: 6.044 min Scan# 811

Delta R.T. 0.012 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

Instrument :

MSVOA_X

ClientSampleId :

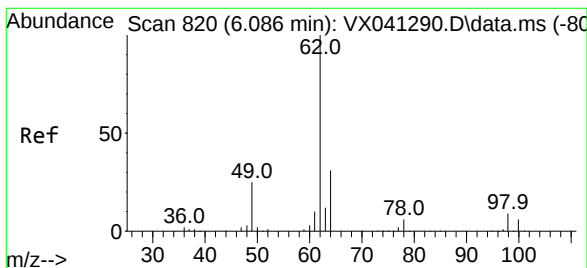
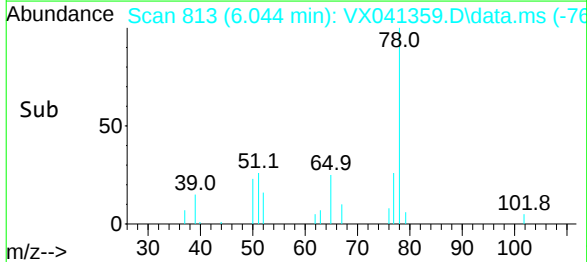
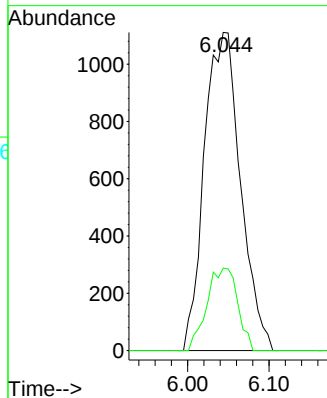
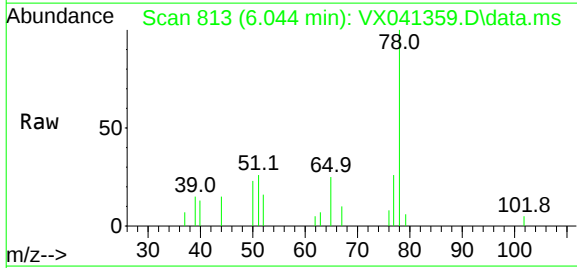
MW-18B-112-050124

Tgt Ion: 78 Resp: 3427

Ion Ratio Lower Upper

78 100

77 25.9 19.3 28.9



#42

1,2-Dichloroethane

Concen: 3.234 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX041359.D

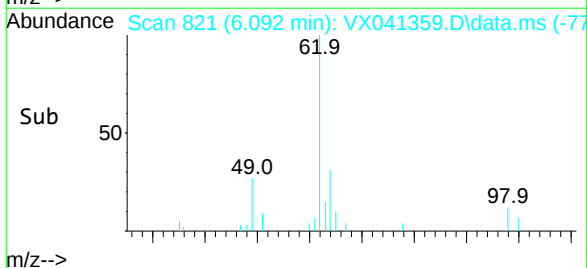
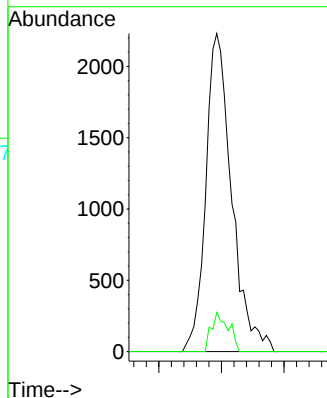
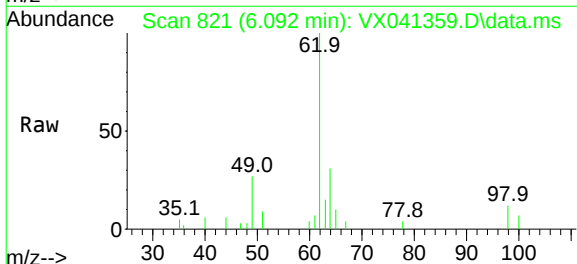
Acq: 02 May 2024 17:19

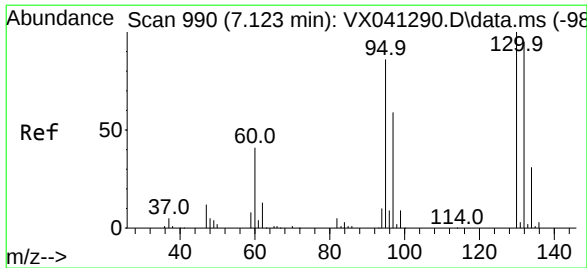
Tgt Ion: 62 Resp: 6388

Ion Ratio Lower Upper

62 100

98 8.2 0.0 16.0





#44

Trichloroethene

Concen: 10.679 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

Instrument :

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ClientSampleId :

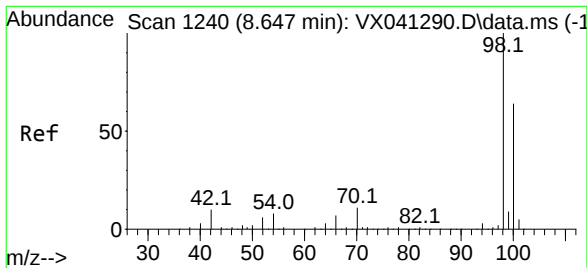
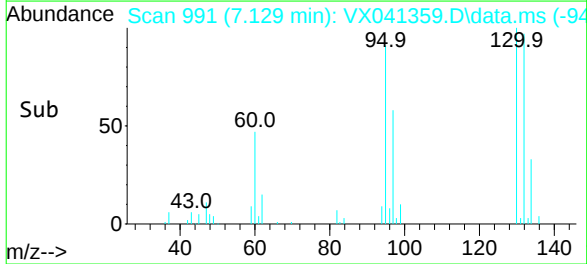
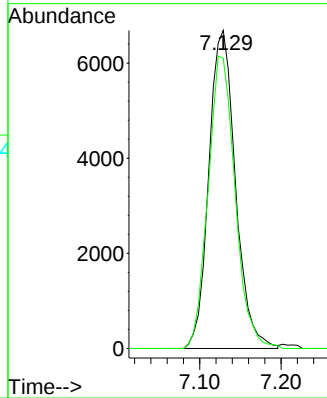
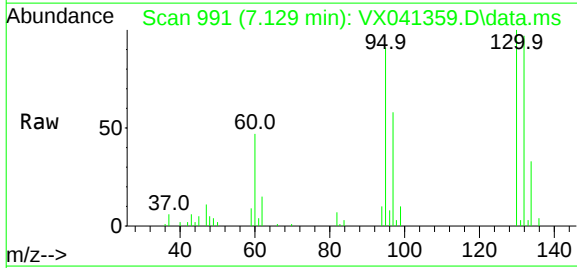
MW-18B-112-050124

Tgt Ion:130 Resp: 15198

Ion Ratio Lower Upper

130 100

95 91.3 0.0 204.4



#50

Toluene-d8

Concen: 50.484 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041359.D

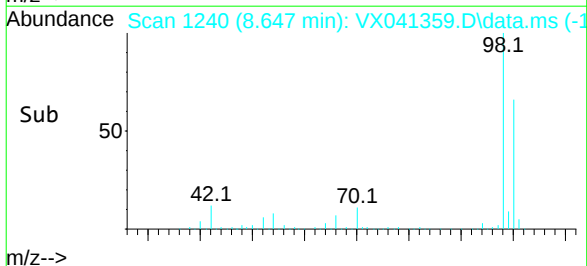
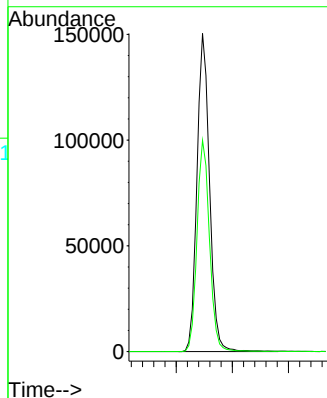
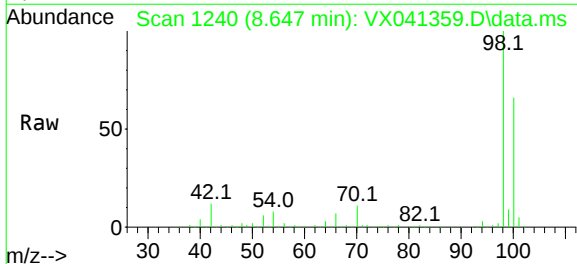
Acq: 02 May 2024 17:19

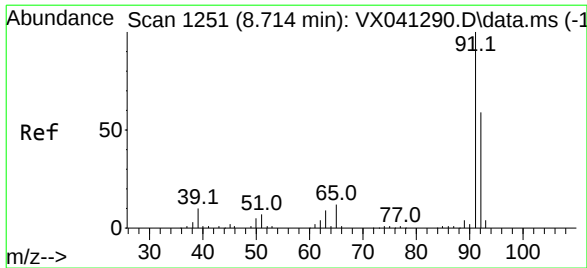
Tgt Ion: 98 Resp: 233628

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7





#52

Toluene

Concen: 0.625 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX041359.D

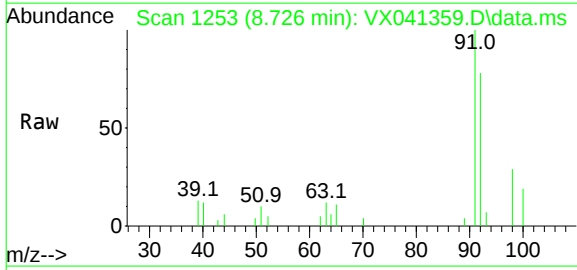
Acq: 02 May 2024 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-112-050124

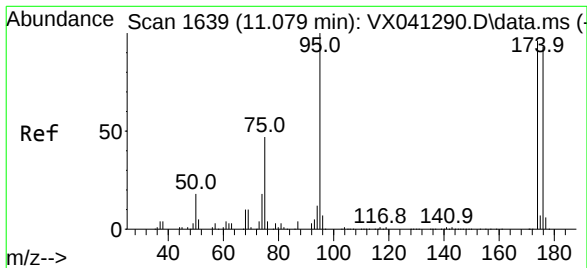
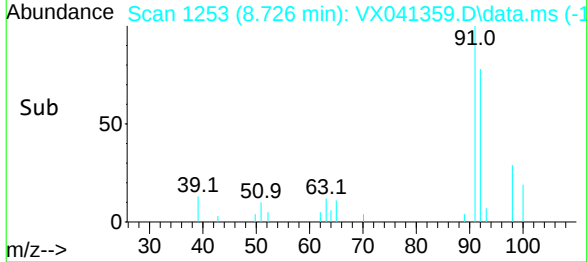
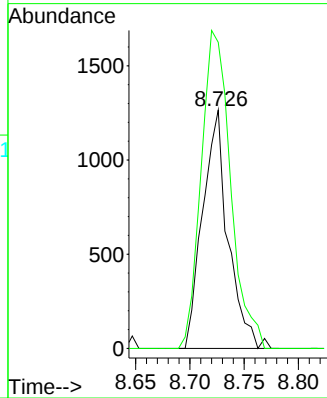


Tgt Ion: 92 Resp: 2062

Ion Ratio Lower Upper

92 100

91 154.6 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 51.530 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

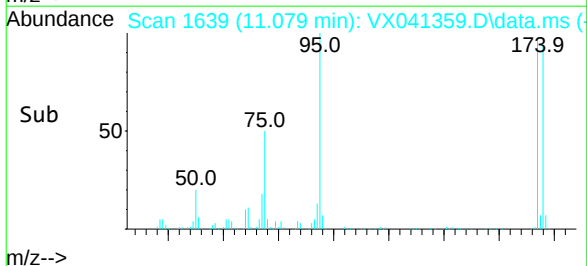
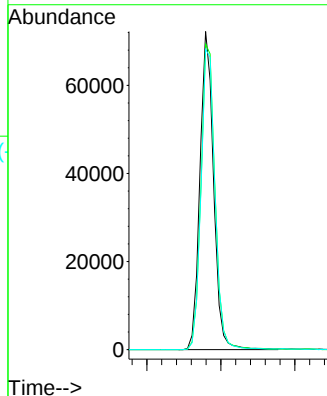
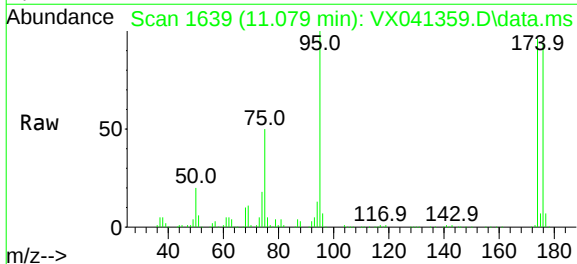
Tgt Ion: 95 Resp: 92313

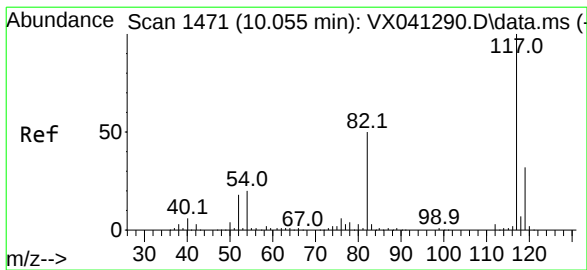
Ion Ratio Lower Upper

95 100

174 98.8 0.0 135.6

176 97.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

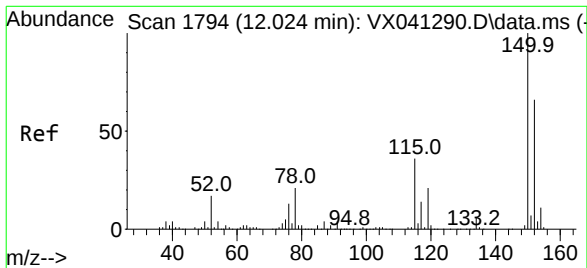
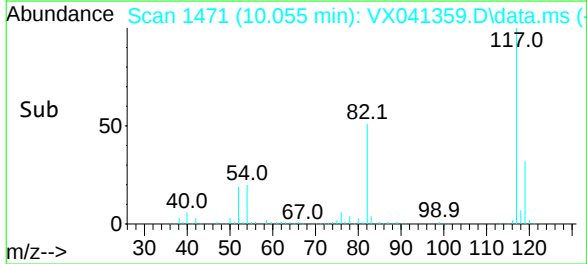
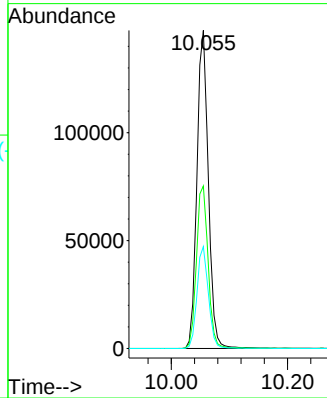
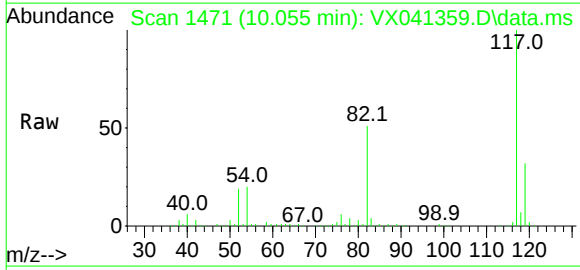
Instrument :

MSVOA_X

ClientSampleId :

MW-18B-112-050124

Tgt Ion:	117	Resp:	200845
Ion	Ratio	Lower	Upper
117	100		
82	51.1	46.2	69.4
119	32.0	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041359.D

Acq: 02 May 2024 17:19

Tgt Ion:	152	Resp:	112031
Ion	Ratio	Lower	Upper
152	100		
115	53.1	43.3	129.9
150	157.1	0.0	345.0

