

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041515.D
 Acq On : 14 May 2024 13:16
 Operator : JC/MD
 Sample : P2444-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-DD

Quant Time: May 15 00:59:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

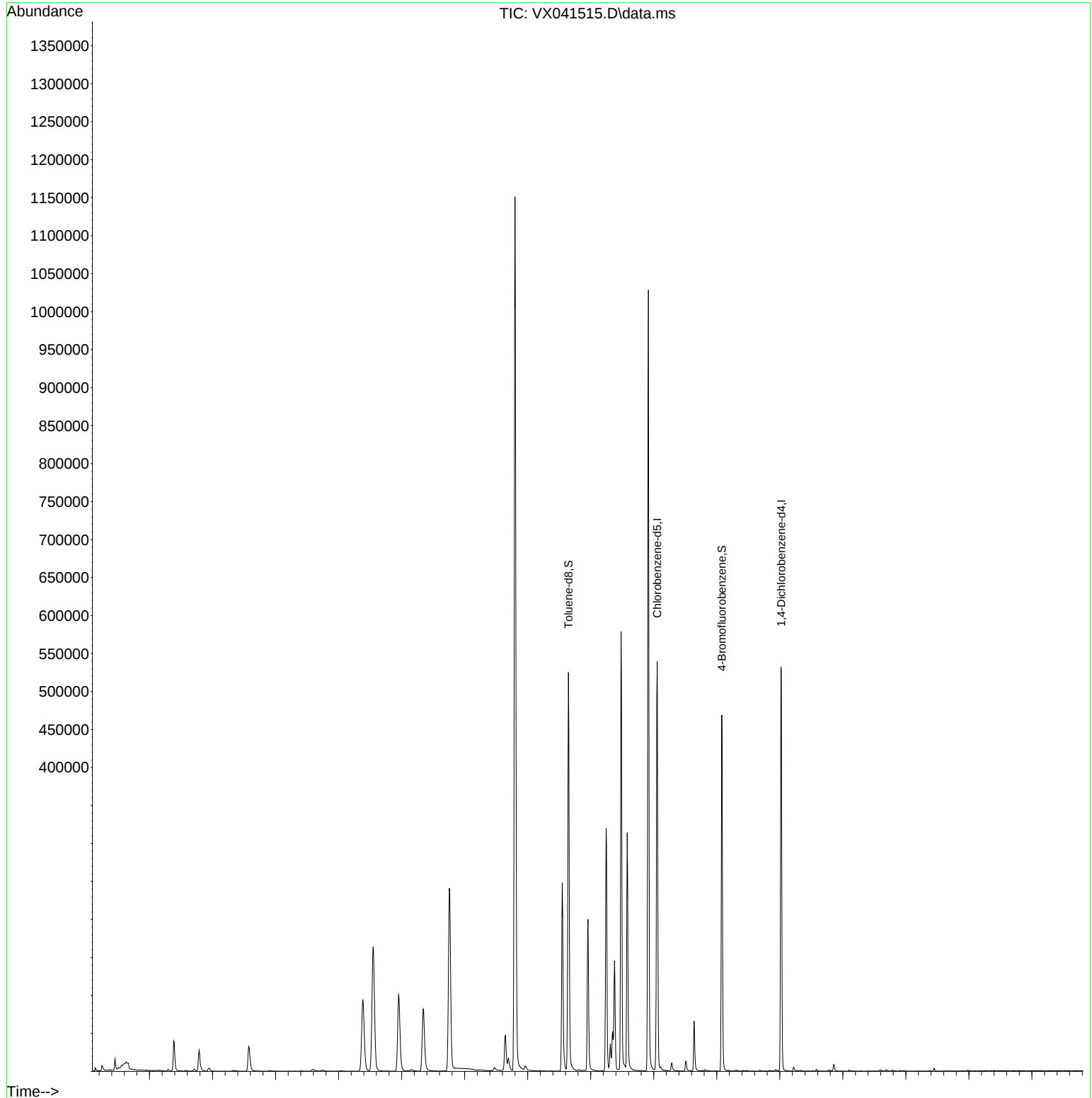
Internal Standards						
1) Pentafluorobenzene	5.550	168	173776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99281	52.480	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.960%
35) Dibromofluoromethane	5.379	113	80947	46.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.647	98	304101	54.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.260%
62) 4-Bromofluorobenzene	11.079	95	113369	52.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.220%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	47305	53.712	ug/l	97
18) Methyl Acetate	2.715	43	3768	1.947	ug/l	96
20) Methylene Chloride	2.788	84	13894	8.460	ug/l	94
43) Isopropyl Acetate	6.342	43	118051	29.923	ug/l	98

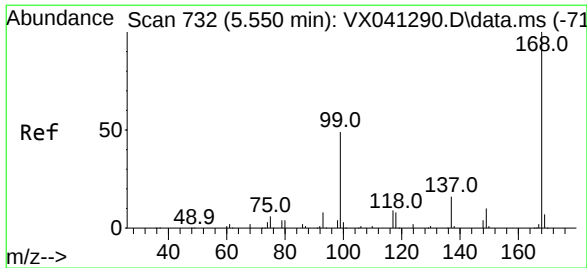
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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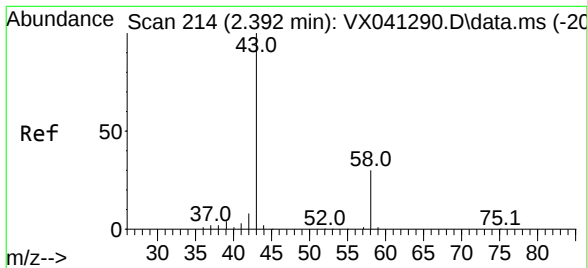
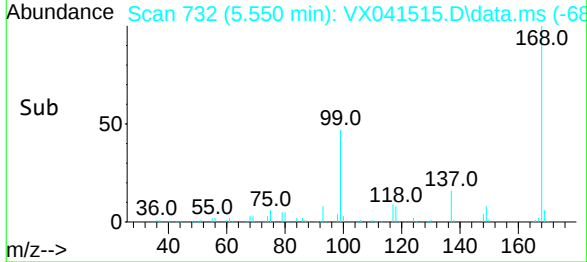
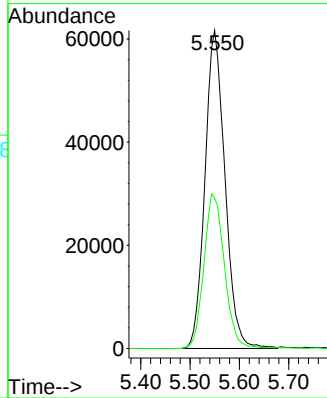
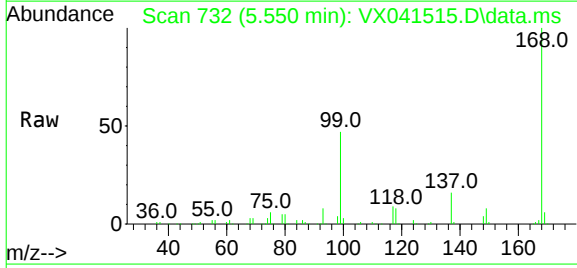




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041515.D
Acq: 14 May 2024 13:16

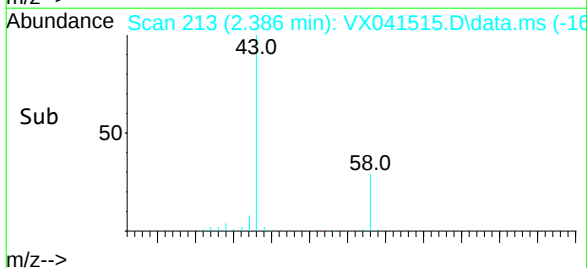
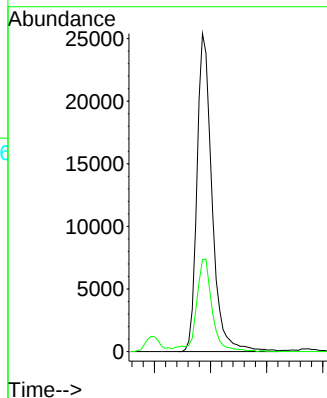
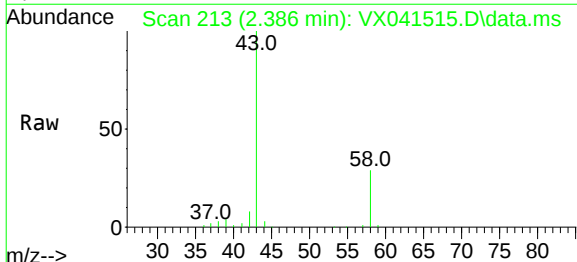
Instrument :
MSVOA_X
ClientSampleId :
WC-DD

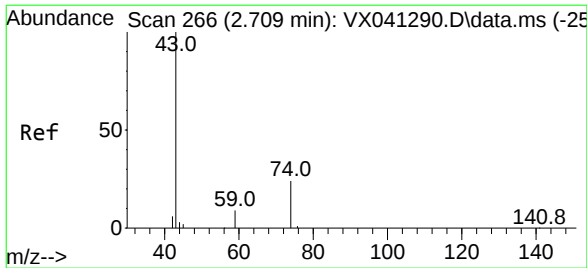
Tgt Ion:168 Resp: 173776
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0#



#16
Acetone
Concen: 53.712 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041515.D
Acq: 14 May 2024 13:16

Tgt Ion: 43 Resp: 47305
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#18

Methyl Acetate

Concen: 1.947 ug/l

RT: 2.715 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

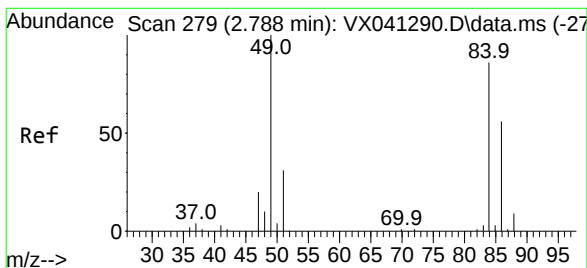
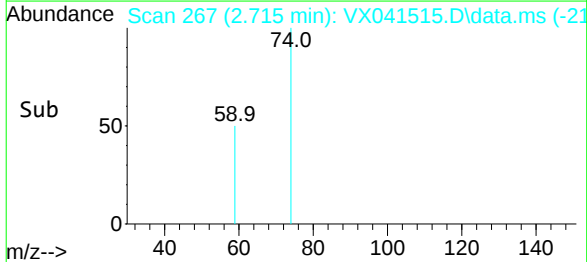
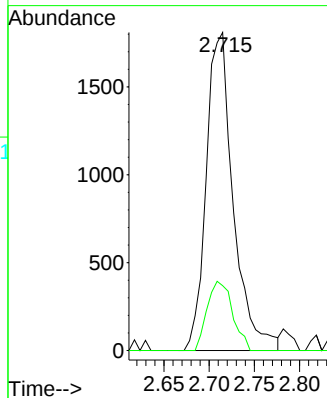
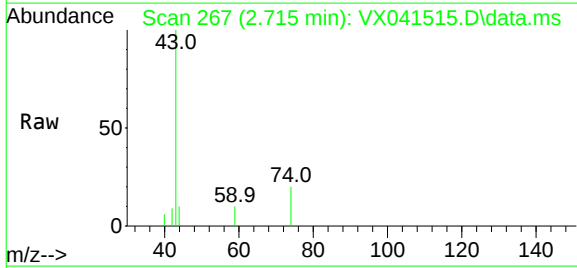
WC-DD

Tgt Ion: 43 Resp: 3768

Ion Ratio Lower Upper

43 100

74 20.4 17.8 26.8



#20

Methylene Chloride

Concen: 8.460 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

Tgt Ion: 84 Resp: 13894

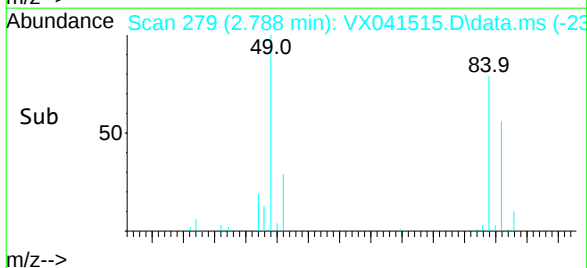
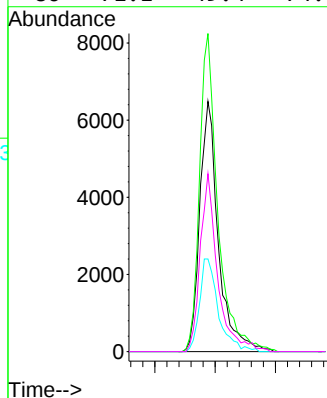
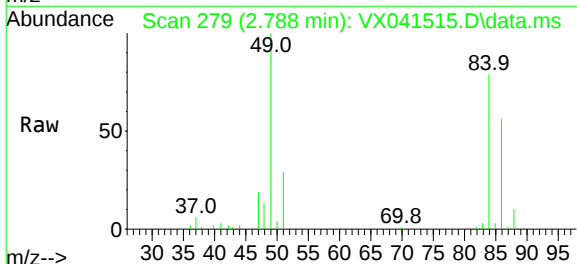
Ion Ratio Lower Upper

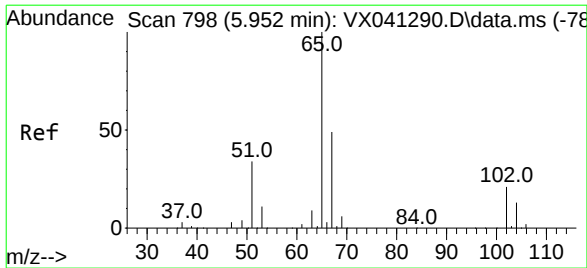
84 100

49 127.1 103.6 155.4

51 37.0 33.8 50.6

86 71.1 49.4 74.0

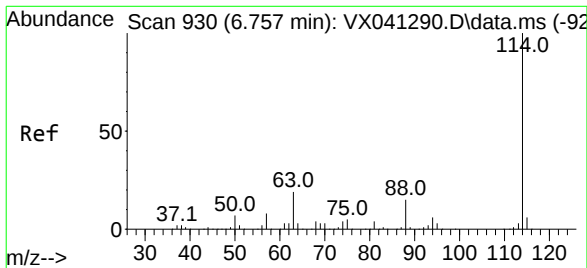
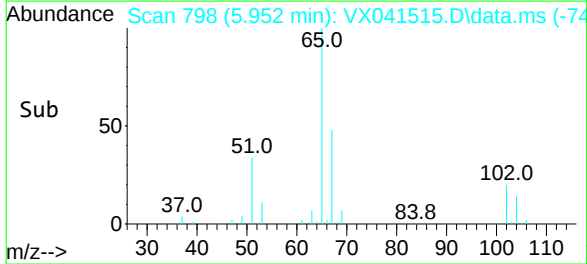
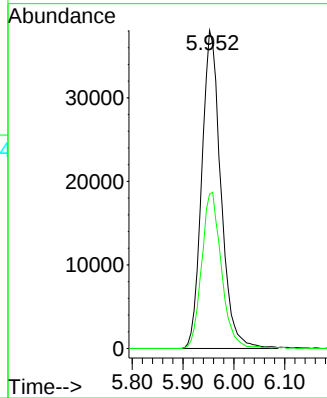
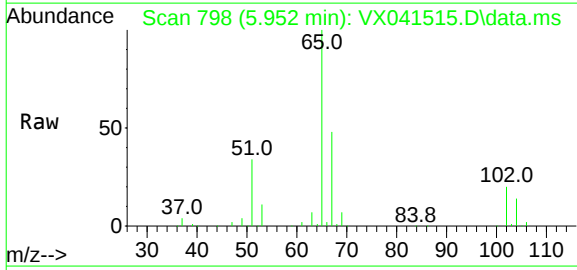




#33
1,2-Dichloroethane-d4
Concen: 52.480 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041515.D
Acq: 14 May 2024 13:16

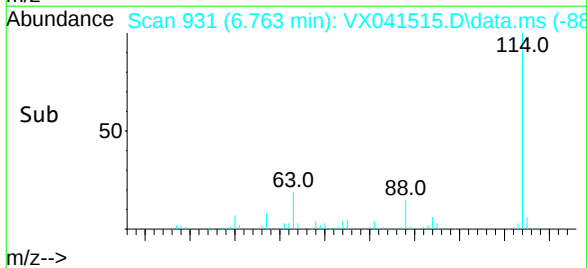
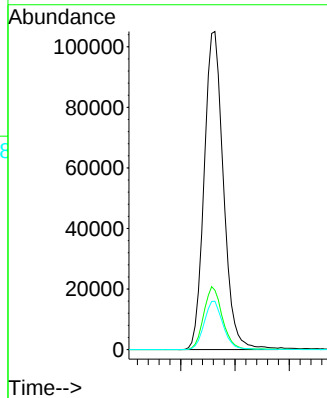
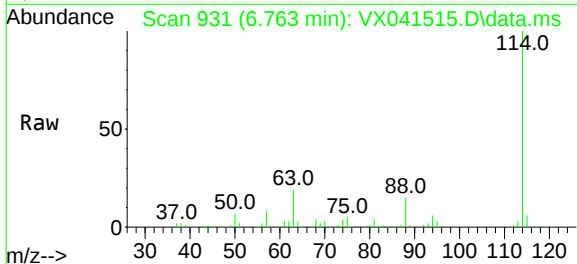
Instrument :
MSVOA_X
ClientSampleId :
WC-DD

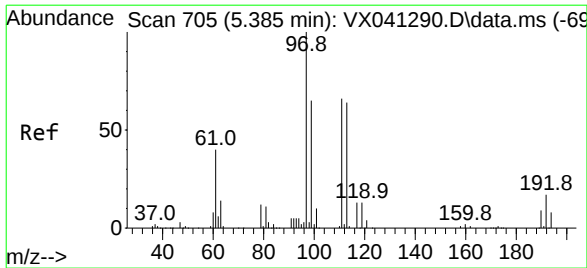
Tgt Ion: 65 Resp: 99281
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041515.D
Acq: 14 May 2024 13:16

Tgt Ion: 114 Resp: 259517
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.027 ug/l

RT: 5.379 min Scan# 70

Delta R.T. -0.006 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

WC-DD

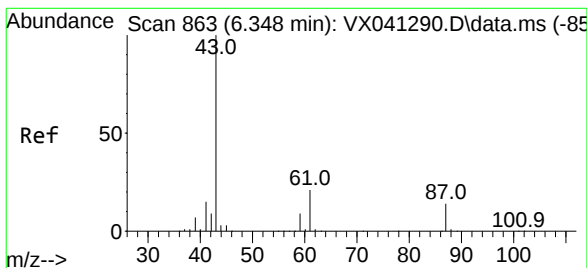
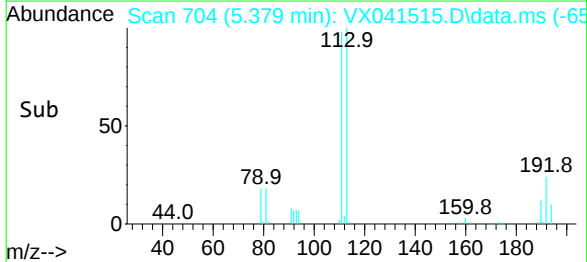
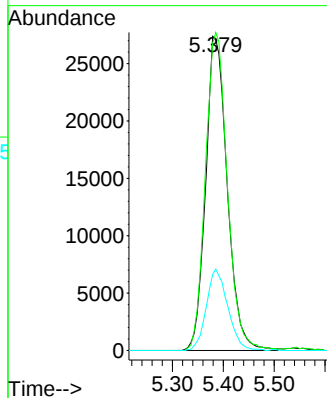
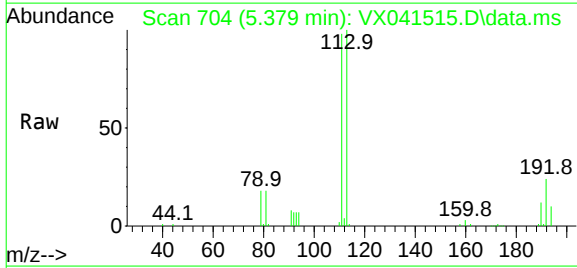
Tgt Ion:113 Resp: 80947

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 25.6 13.3 19.9#



#43

Isopropyl Acetate

Concen: 29.923 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

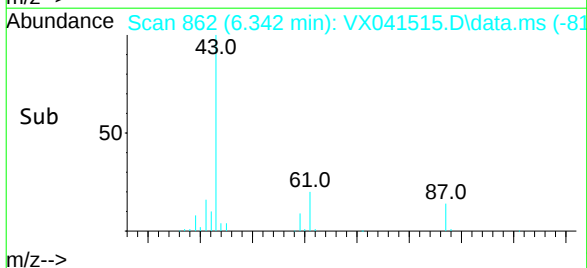
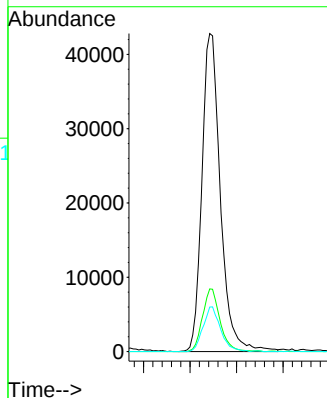
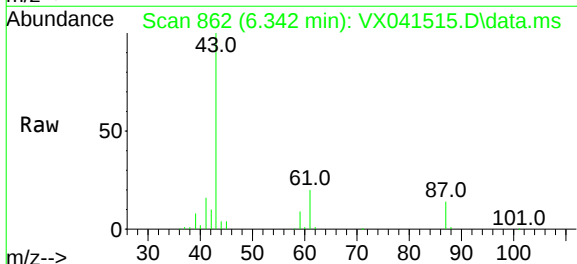
Tgt Ion: 43 Resp: 118051

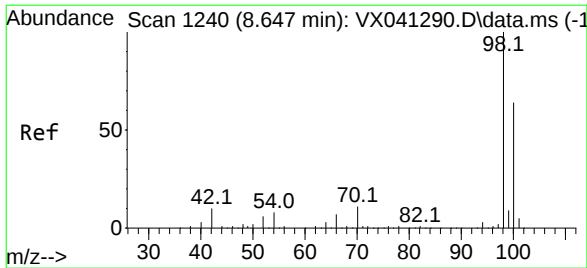
Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

87 13.3 9.8 14.6





#50

Toluene-d8

Concen: 54.632 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

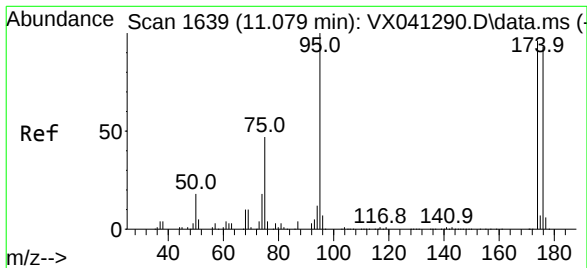
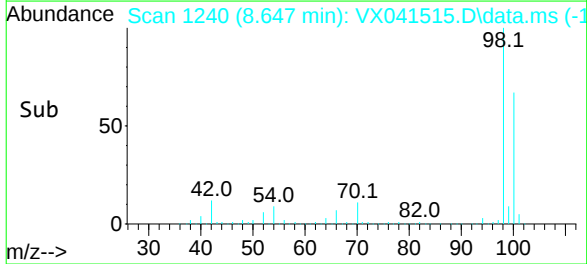
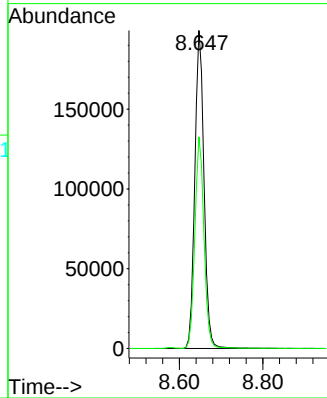
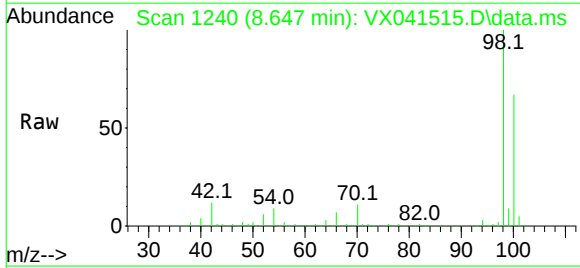
WC-DD

Tgt Ion: 98 Resp: 304101

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041515.D

Acq: 14 May 2024 13:16

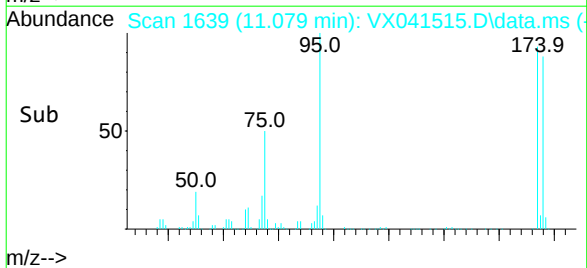
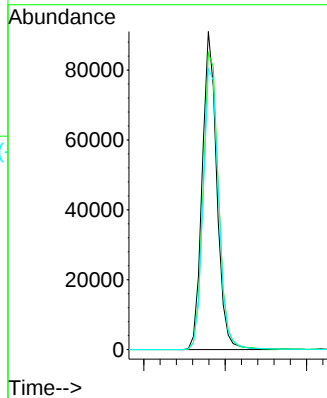
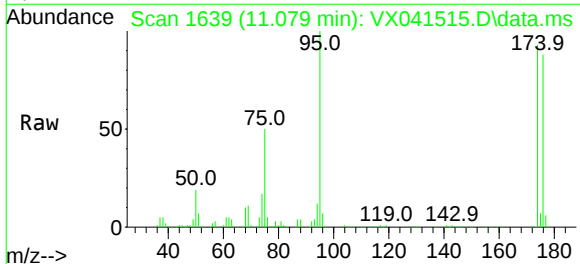
Tgt Ion: 95 Resp: 113369

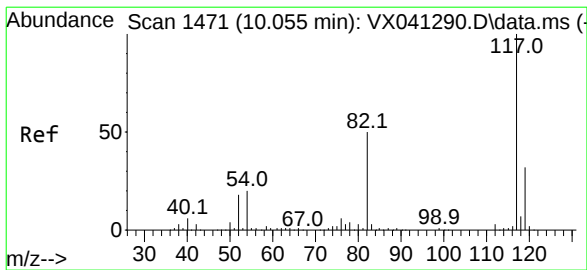
Ion Ratio Lower Upper

95 100

174 98.8 0.0 135.6

176 94.3 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: VX041515.D

Acq: 14 May 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

WC-DD

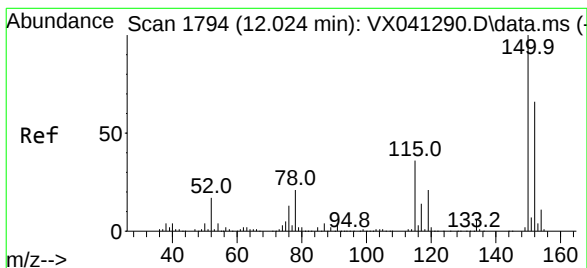
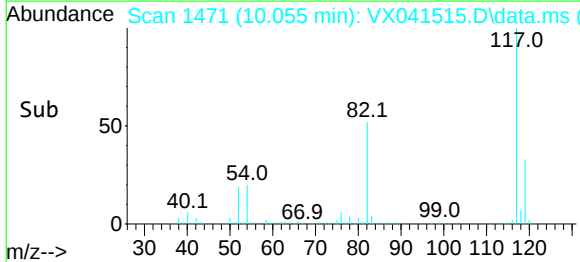
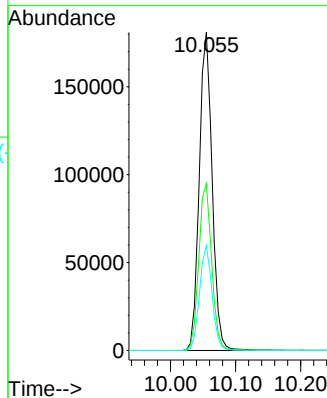
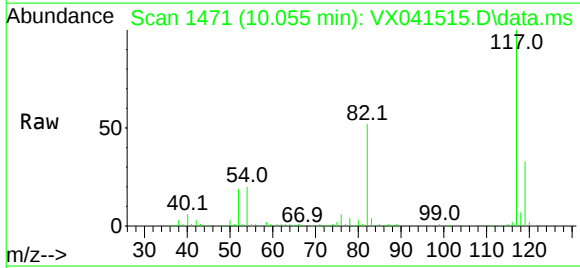
Tgt Ion:117 Resp: 249068

Ion Ratio Lower Upper

117 100

82 52.4 46.2 69.4

119 33.0 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: VX041515.D

Acq: 14 May 2024 13:16

Tgt Ion:152 Resp: 123439

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 156.7 0.0 345.0

