

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041388.D
 Acq On : 06 May 2024 18:44
 Operator : JC/MD
 Sample : P2393-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: May 07 02:04:34 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)

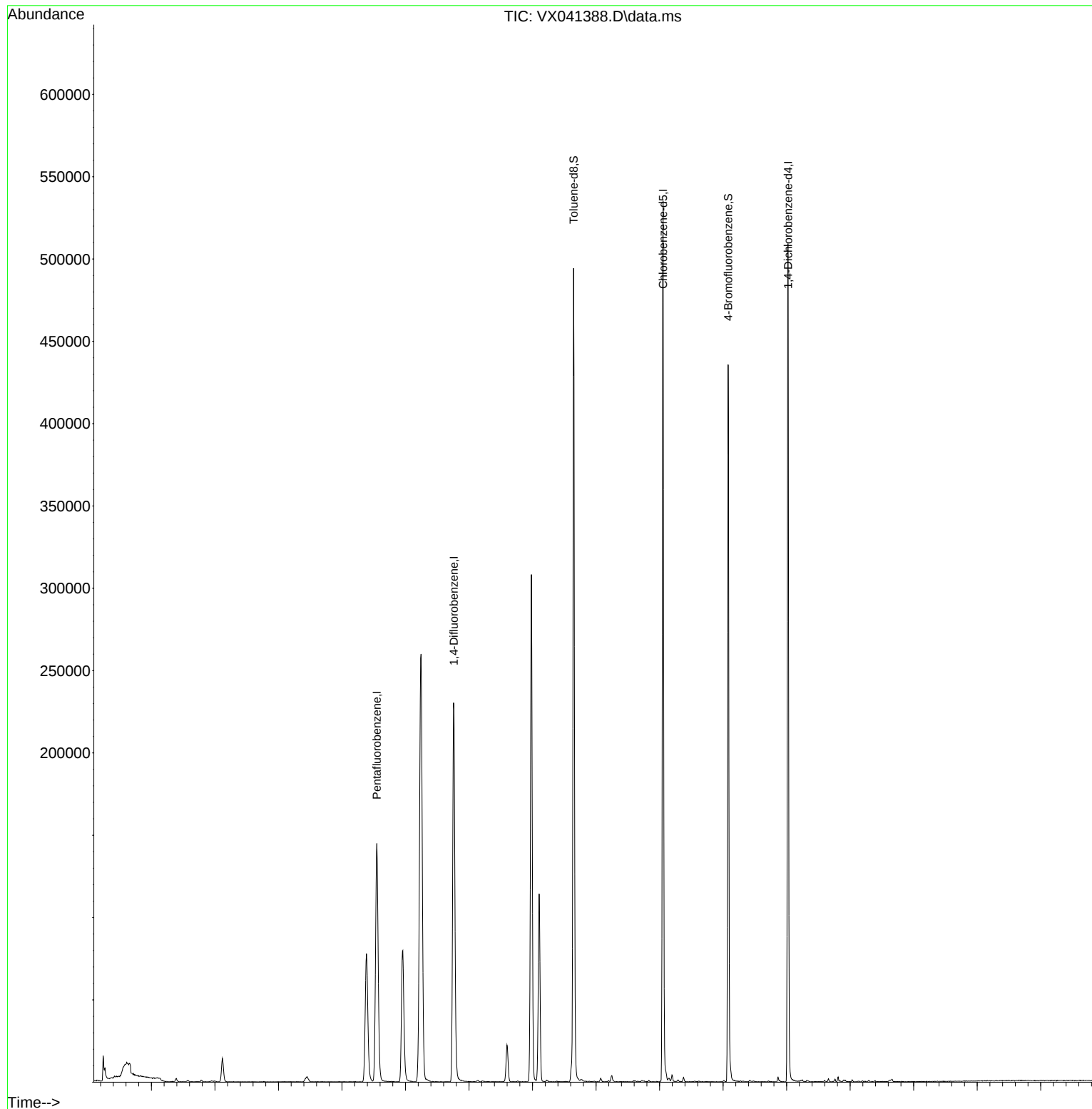
Internal Standards						
1) Pentafluorobenzene	5.550	168	155325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	250260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81009	47.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.820%
35) Dibromofluoromethane	5.385	113	66068	38.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.920%
50) Toluene-d8	8.647	98	296271	55.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.380%
62) 4-Bromofluorobenzene	11.079	95	107427	51.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	15238	3.473	ug/l	Qvalue 94

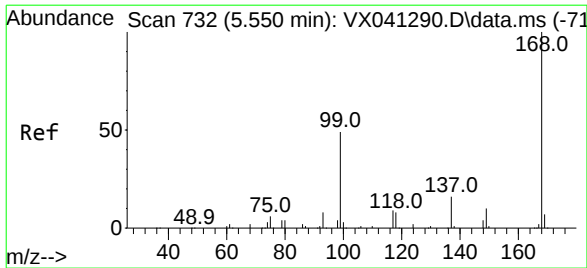
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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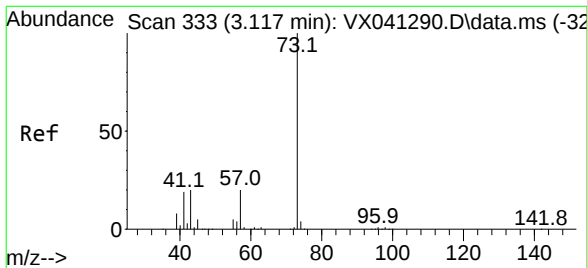
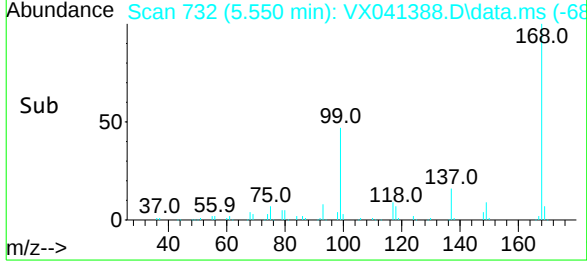
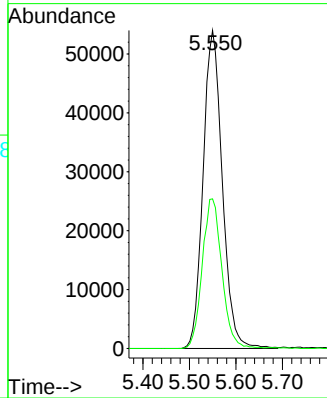
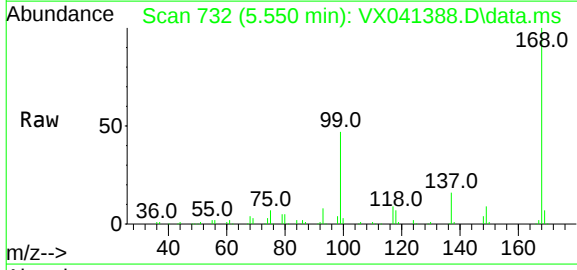




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

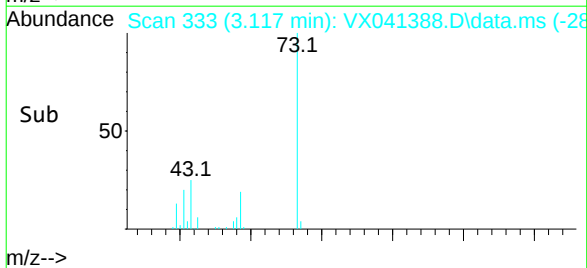
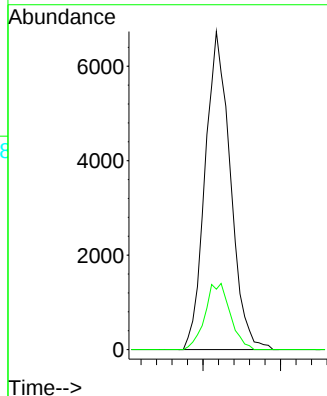
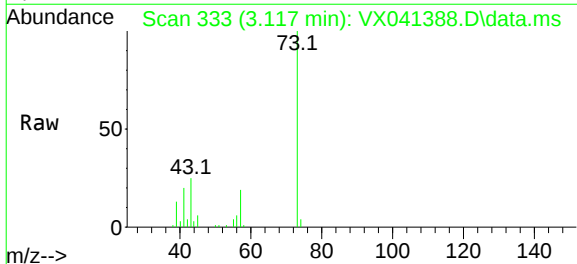
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

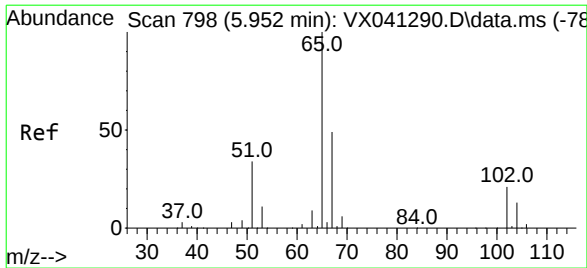
Tgt Ion:168 Resp: 155325
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#19
Methyl tert-butyl Ether
Concen: 3.473 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 73 Resp: 15238
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9

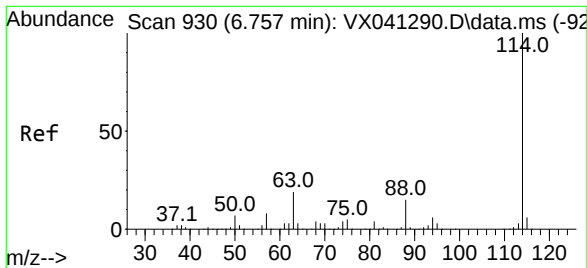
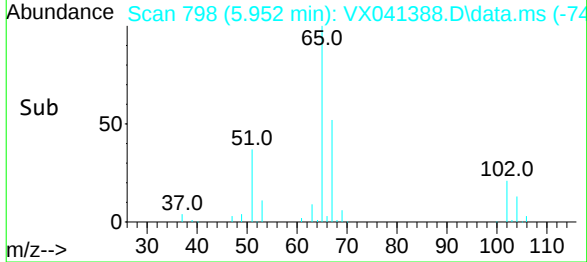
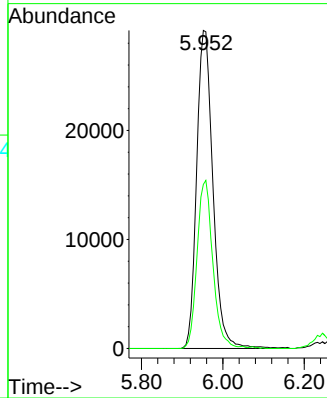
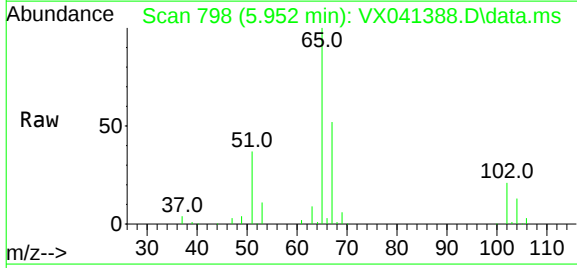




#33
1,2-Dichloroethane-d4
Concen: 47.908 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

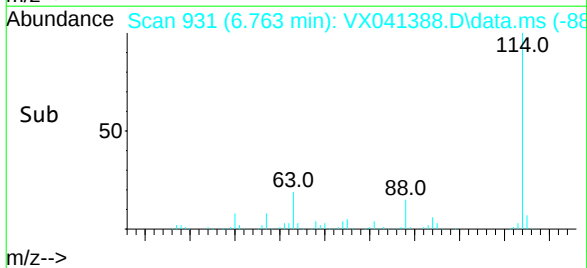
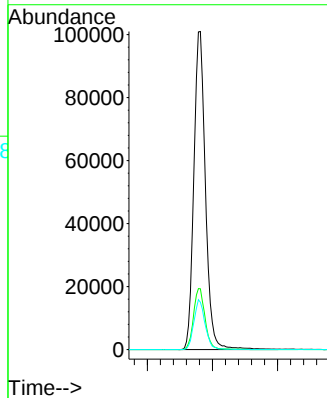
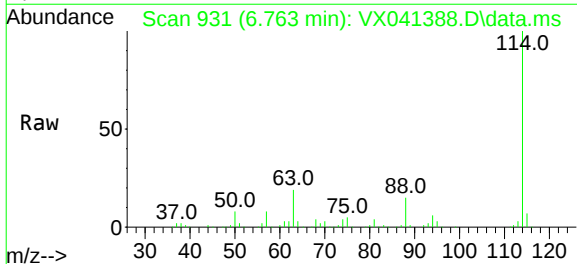
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

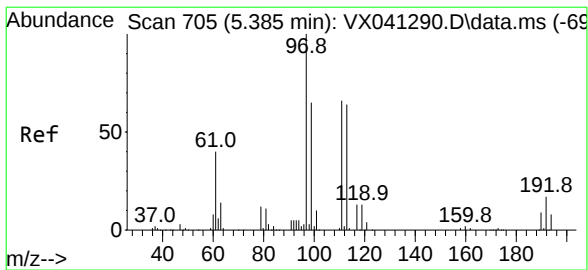
Tgt Ion: 65 Resp: 81009
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 114 Resp: 250260
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 38.957 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

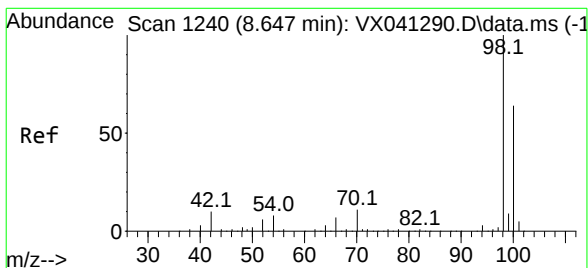
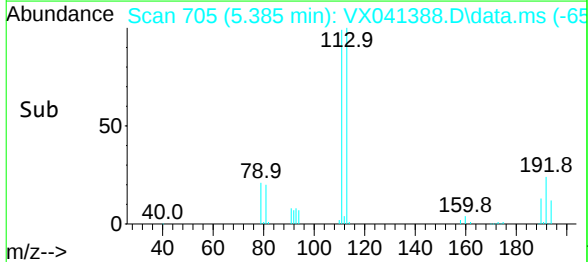
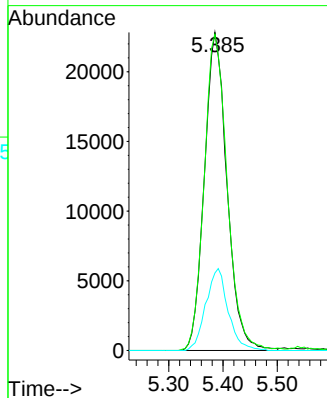
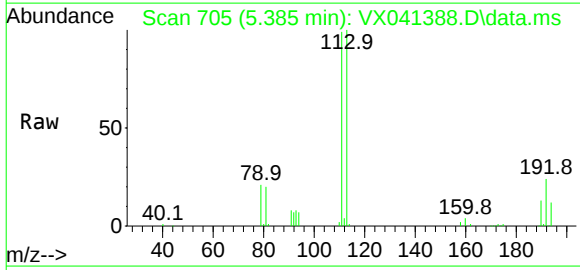
Tgt Ion:113 Resp: 66068

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 25.4 13.3 19.9#



#50

Toluene-d8

Concen: 55.194 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041388.D

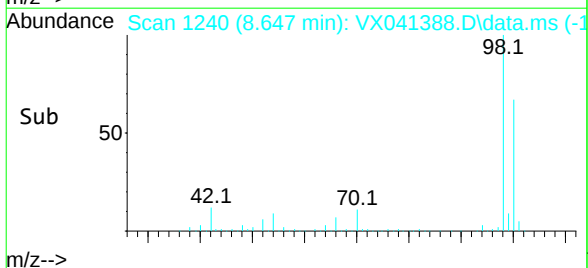
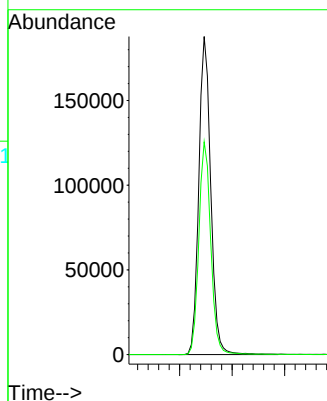
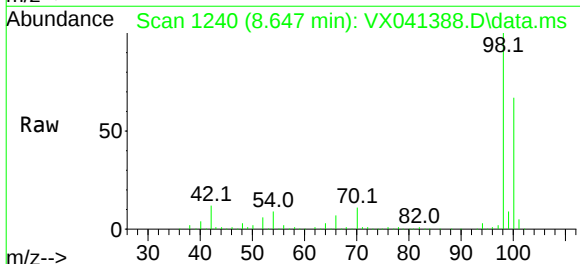
Acq: 06 May 2024 18:44

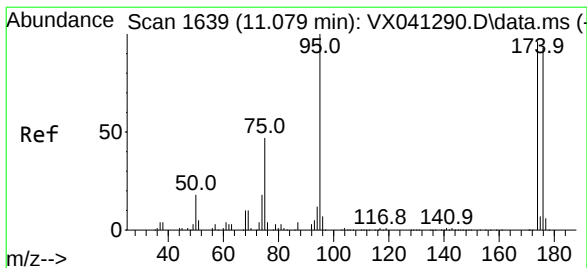
Tgt Ion: 98 Resp: 296271

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.700 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041388.D

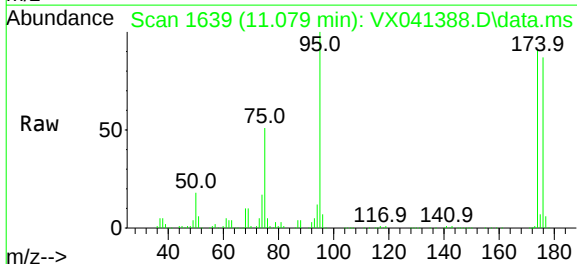
Acq: 06 May 2024 18:44

Instrument :

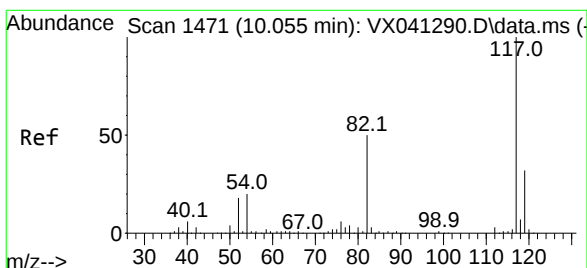
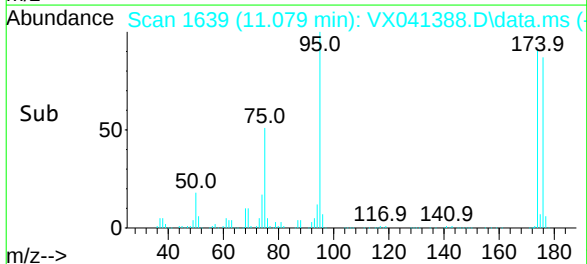
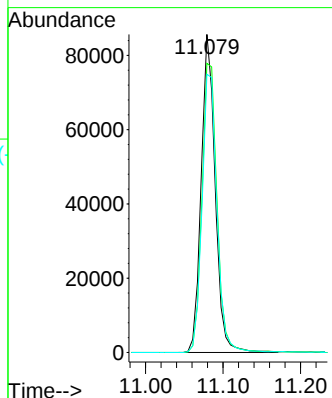
MSVOA_X

ClientSampleId :

MW-2R



Tgt Ion:	95	Resp:	107427
Ion Ratio	100		
Lower	0.0		
Upper	135.6		
	176	93.6	0.0
			131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

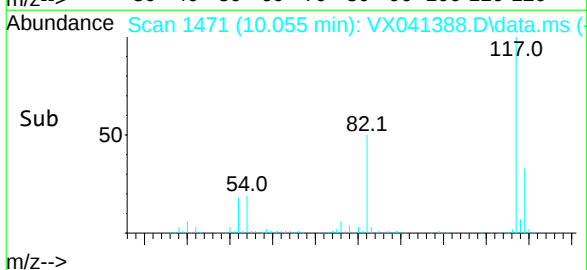
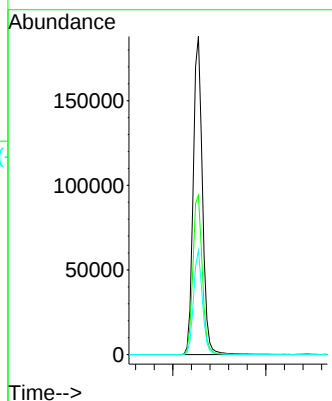
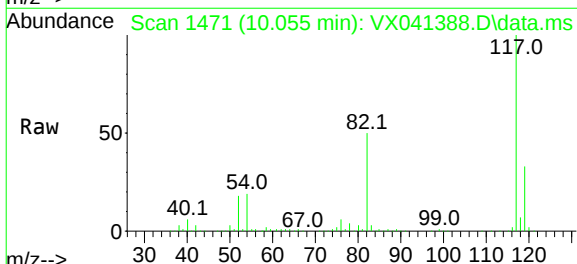
RT: 10.055 min Scan# 1471

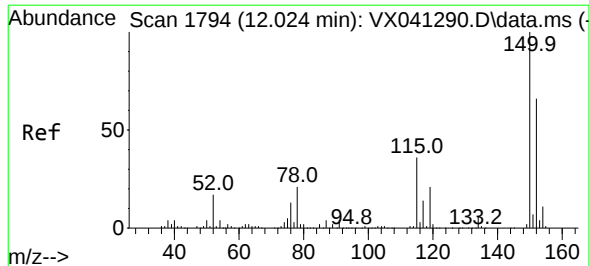
Delta R.T. -0.000 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

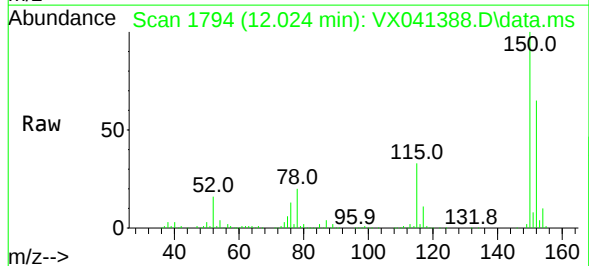
Tgt Ion:	117	Resp:	259362
Ion Ratio	100		
Lower	46.2		
Upper	69.4		
	119	32.7	25.5
			38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VX041388.D
 Acq: 06 May 2024 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	43.3	129.9
150	156.2	0.0	345.0

