

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041387.D
 Acq On : 06 May 2024 18:21
 Operator : JC/MD
 Sample : P2393-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: May 07 02:04:05 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)

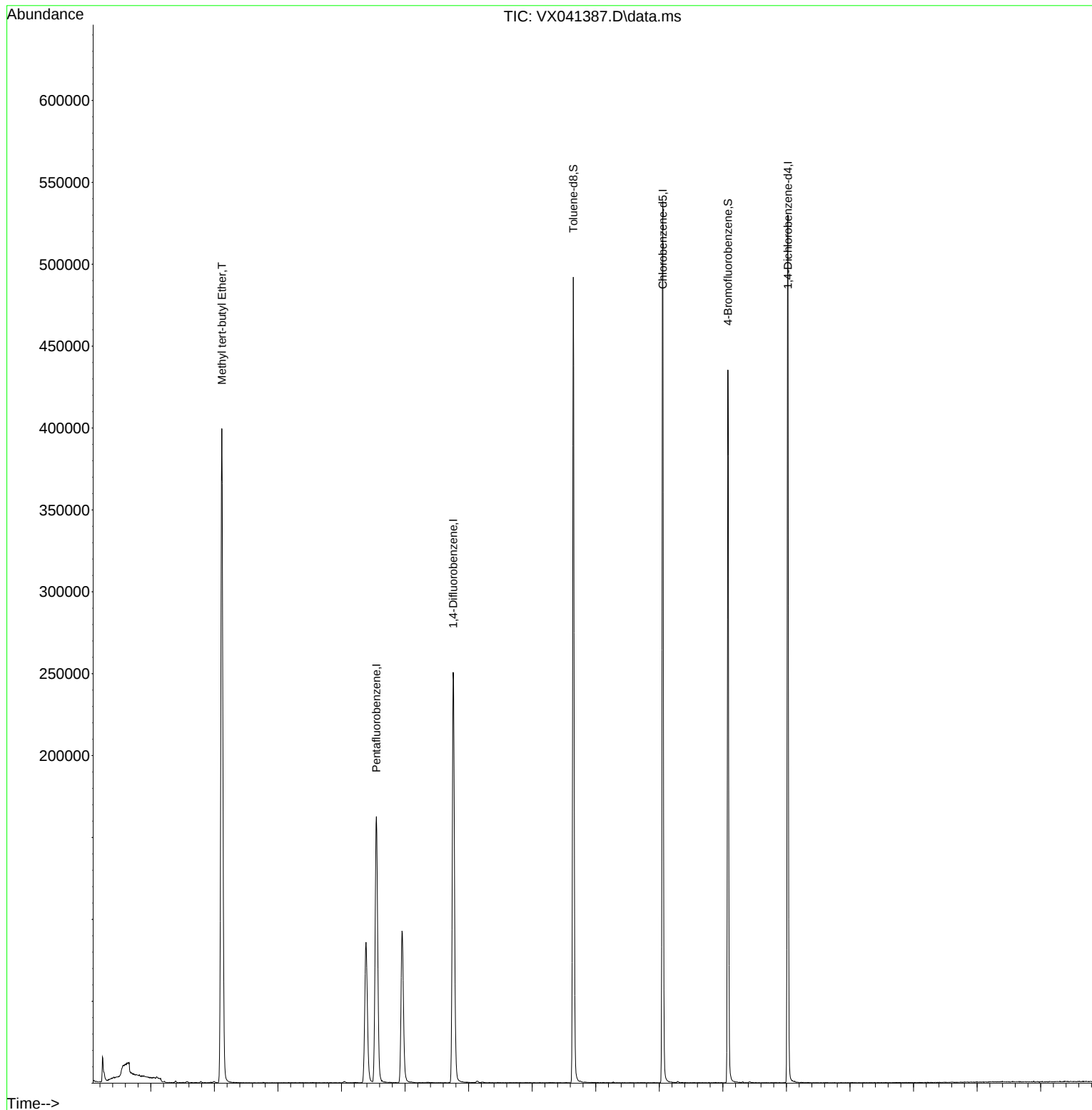
Internal Standards						
1) Pentafluorobenzene	5.549	168	173095	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	269595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93972	49.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.740%
35) Dibromofluoromethane	5.385	113	74064	40.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.080%
50) Toluene-d8	8.646	98	296717	51.313	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	108868	48.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	429026	87.740	ug/l	Qvalue 99

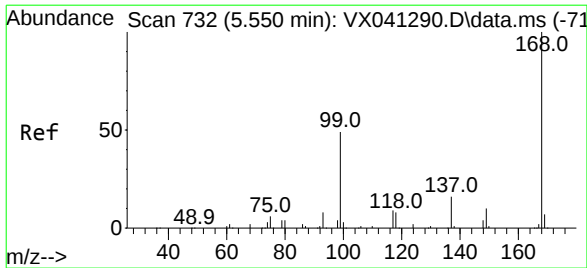
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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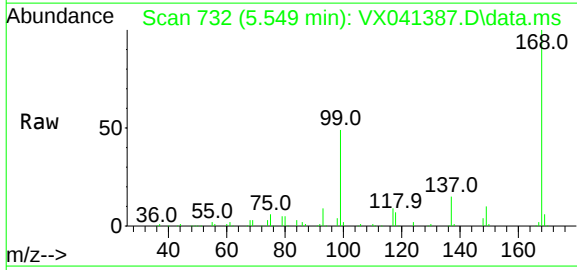
Quant Time: May 07 02:04:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
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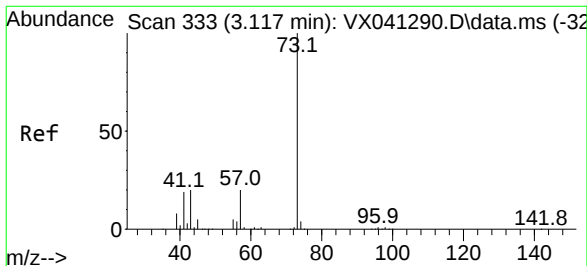
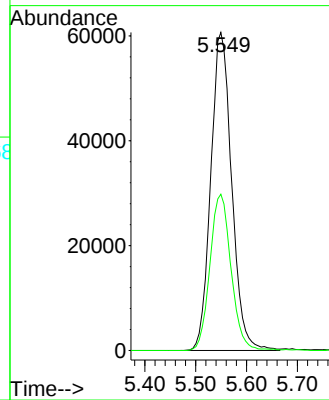
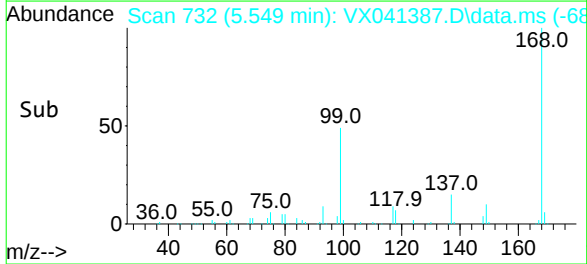


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX041387.D
Acq: 06 May 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-4

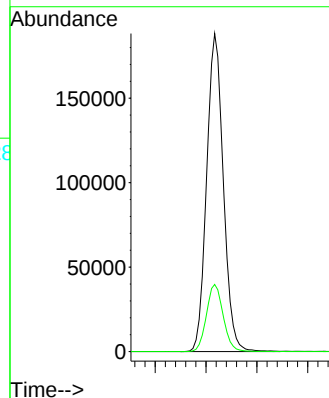
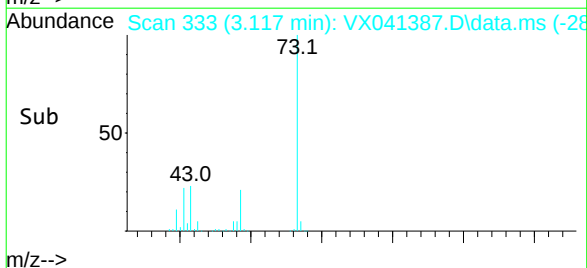
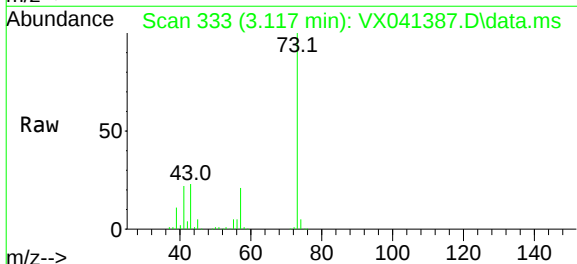


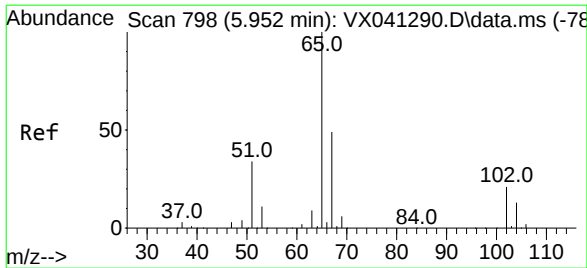
Tgt Ion:168 Resp: 173095
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#19
Methyl tert-butyl Ether
Concen: 87.740 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041387.D
Acq: 06 May 2024 18:21

Tgt Ion: 73 Resp: 429026
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

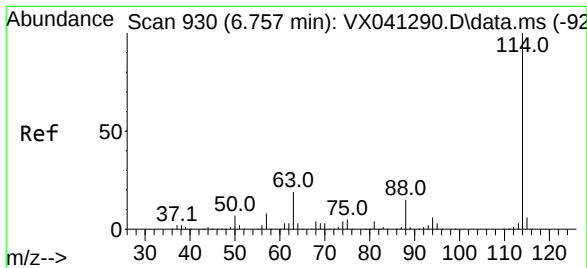
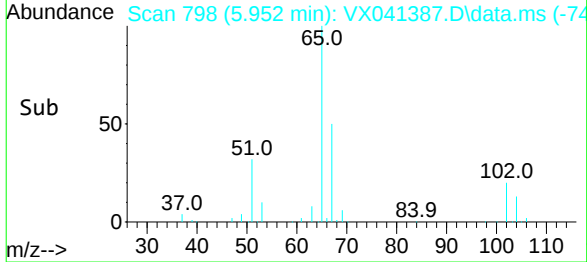
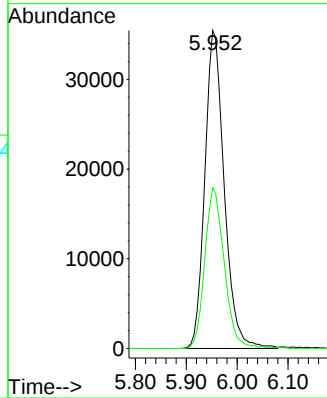
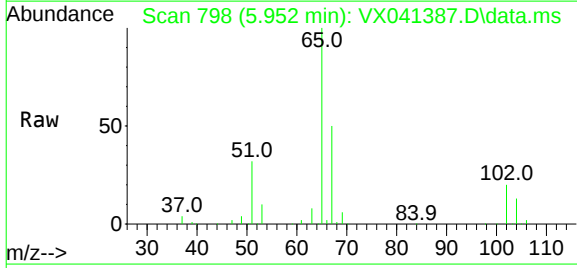




#33
 1,2-Dichloroethane-d4
 Concen: 49.869 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX041387.D
 Acq: 06 May 2024 18:21

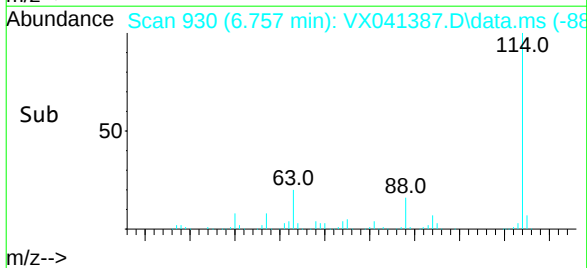
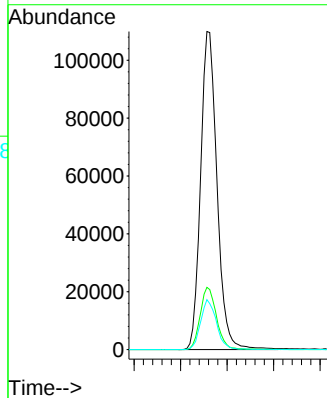
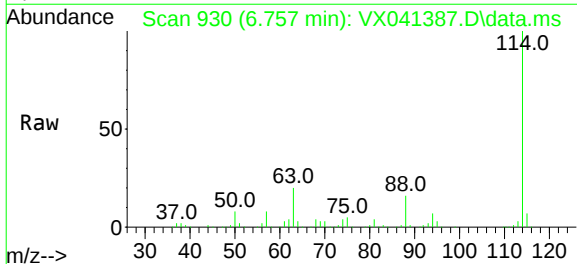
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

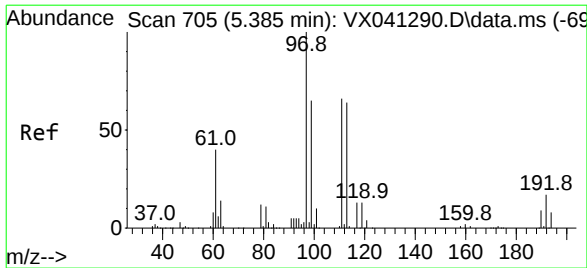
Tgt Ion: 65 Resp: 93972
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX041387.D
 Acq: 06 May 2024 18:21

Tgt Ion: 114 Resp: 269595
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 40.539 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041387.D

Acq: 06 May 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-4

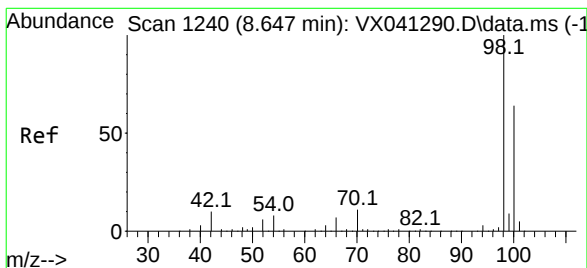
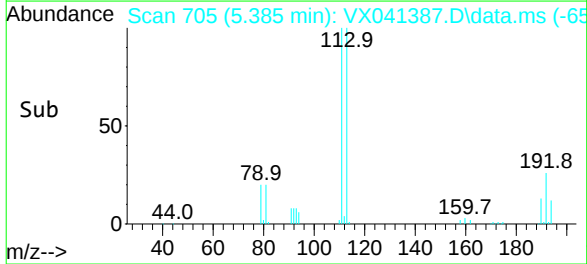
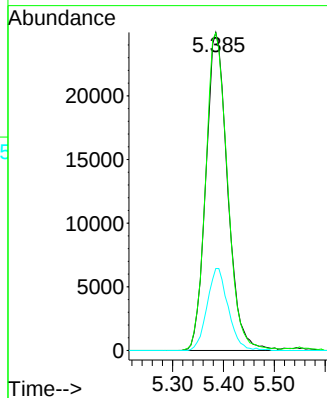
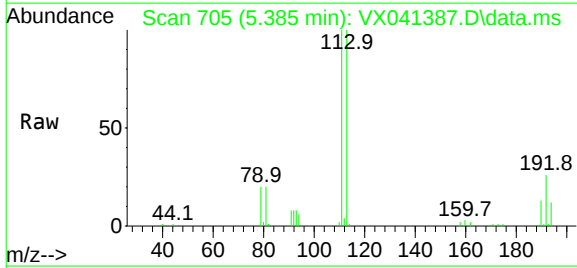
Tgt Ion:113 Resp: 74064

Ion Ratio Lower Upper

113 100

111 100.5 82.9 124.3

192 25.1 13.3 19.9#



#50

Toluene-d8

Concen: 51.313 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041387.D

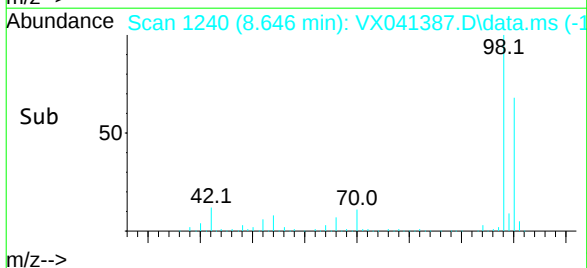
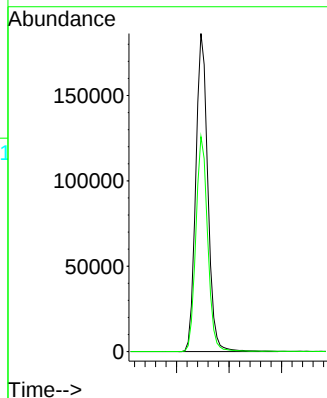
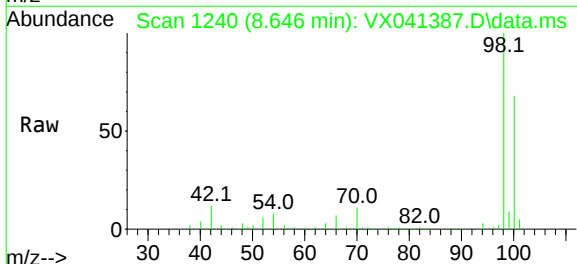
Acq: 06 May 2024 18:21

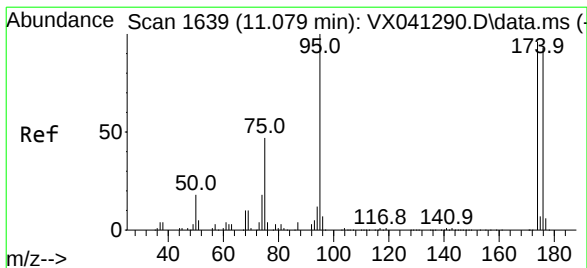
Tgt Ion: 98 Resp: 296717

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.636 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041387.D

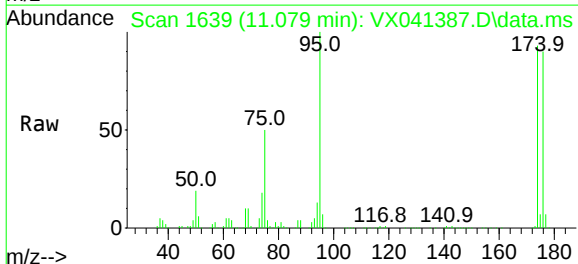
Acq: 06 May 2024 18:21

Instrument :

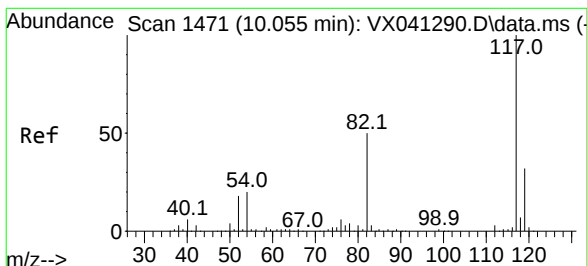
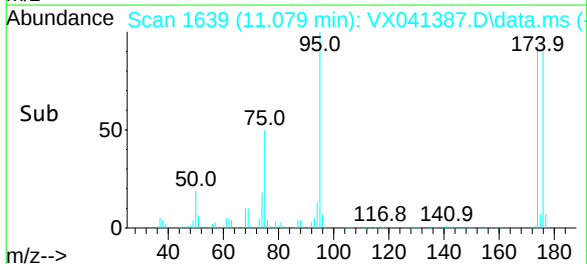
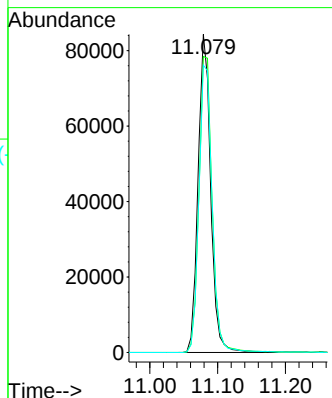
MSVOA_X

ClientSampleId :

MW-4



Tgt Ion:	95	Resp:	108868
Ion Ratio	100		
Lower	0.0		135.6
Upper	0.0		131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

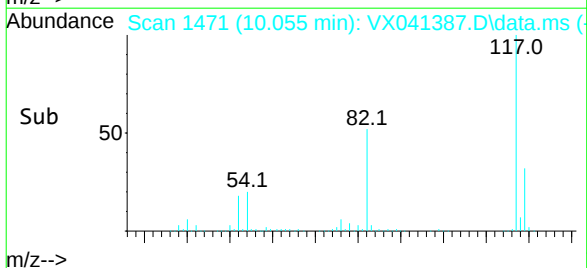
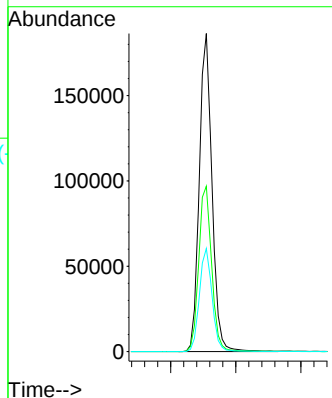
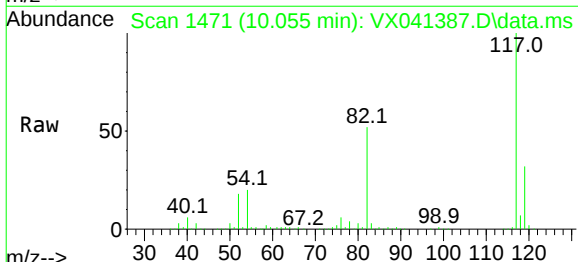
RT: 10.055 min Scan# 1471

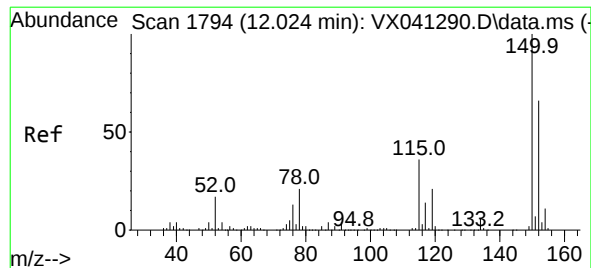
Delta R.T. -0.000 min

Lab File: VX041387.D

Acq: 06 May 2024 18:21

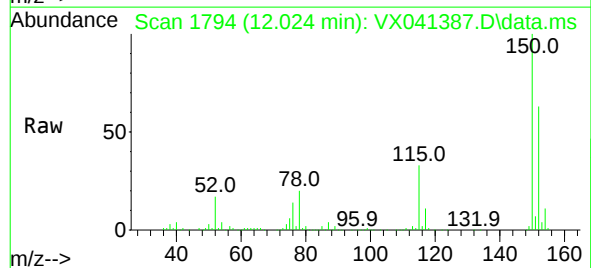
Tgt Ion:	117	Resp:	252109
Ion Ratio	100		
Lower	46.2		69.4
Upper	25.5		38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VX041387.D
 Acq: 06 May 2024 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4



Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	43.3	129.9
150	154.9	0.0	345.0

