

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041755.D
 Acq On : 05 Jun 2024 17:12
 Operator : JC/MD
 Sample : P2718-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4B

Quant Time: Jun 06 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

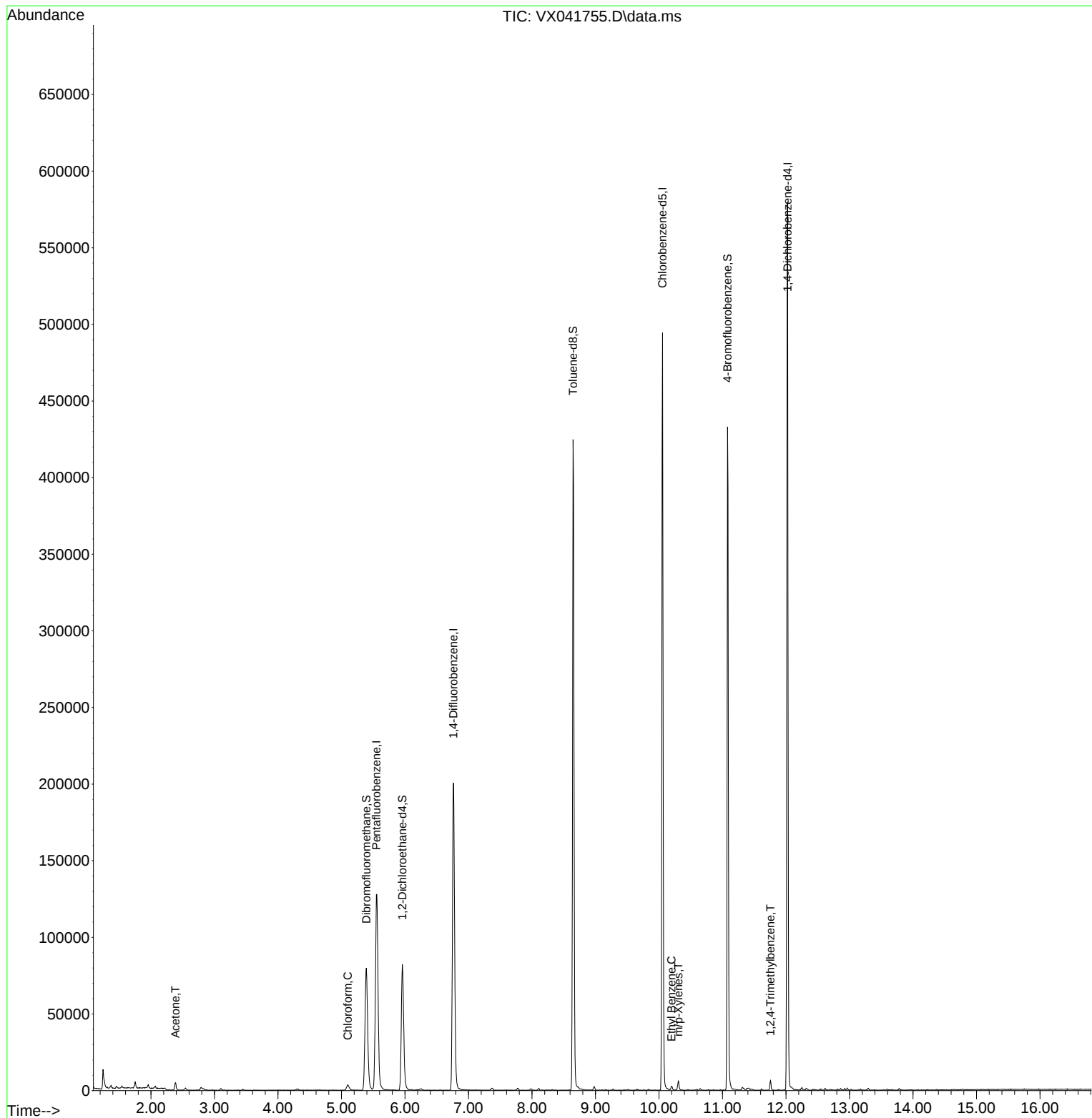
Internal Standards						
1) Pentafluorobenzene	5.550	168	135661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80748	48.531	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.060%
35) Dibromofluoromethane	5.391	113	67475	46.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	252310	49.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	107394	57.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.380%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	5432	4.746	ug/l	98
30) Chloroform	5.099	83	4389	1.818	ug/l	96
67) Ethyl Benzene	10.195	91	1905	0.249	ug/l	95
68) m/p-Xylenes	10.305	106	1618	0.531	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	3066	0.441	ug/l	86

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

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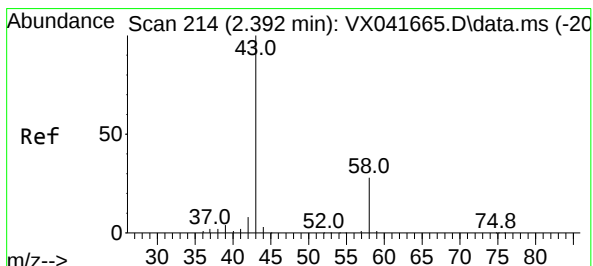
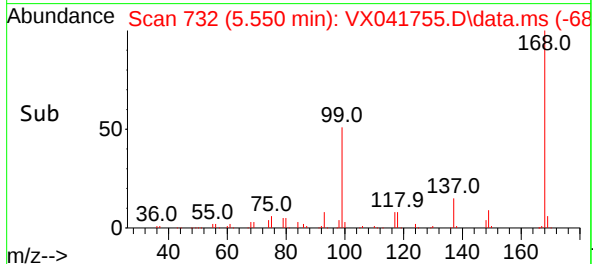
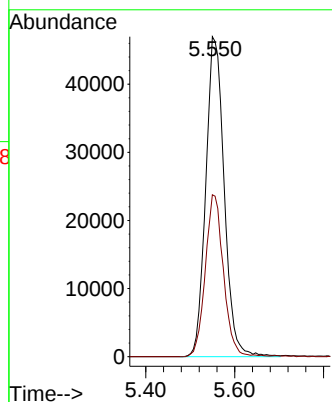
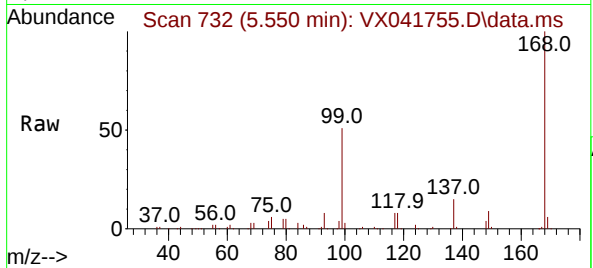




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

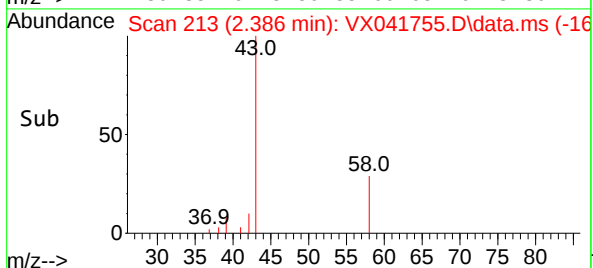
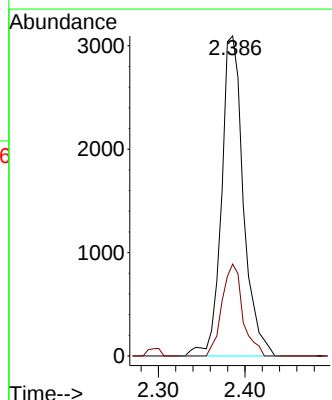
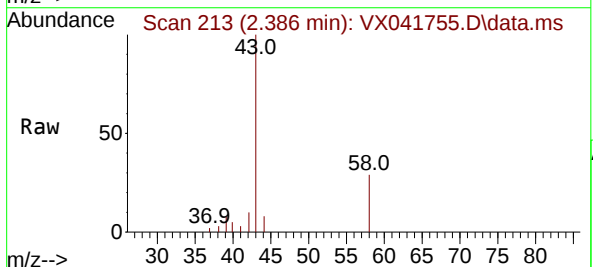
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

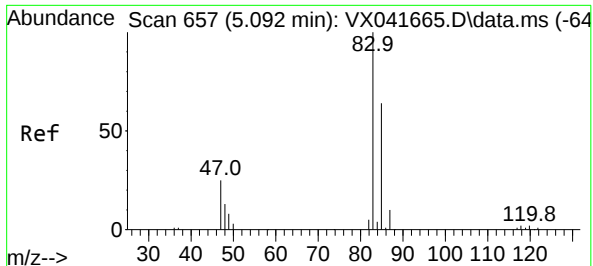
Tgt Ion:168 Resp: 135661
Ion Ratio Lower Upper
168 100
99 50.6 56.6 85.0#



#16
Acetone
Concen: 4.746 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#30

Chloroform

Concen: 1.818 ug/l

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

ClientSampleId :

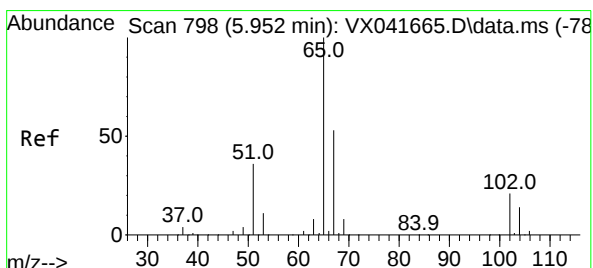
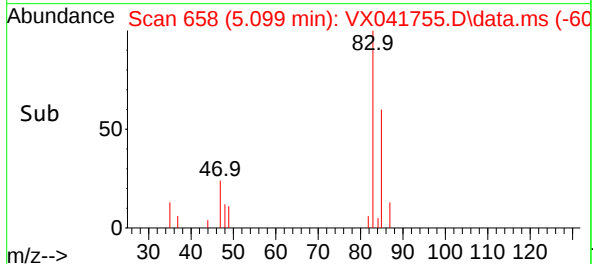
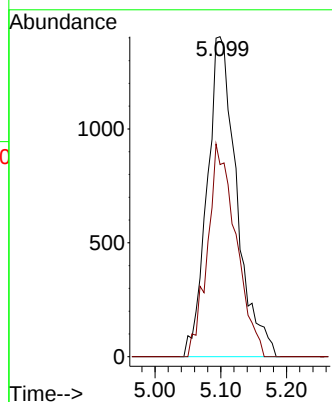
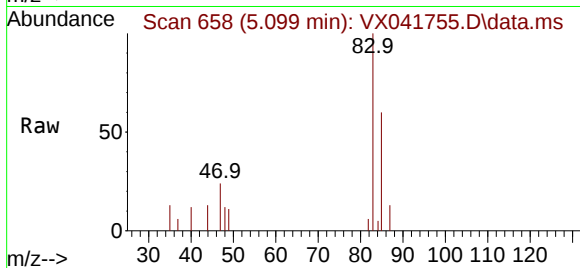
MW-4B

Tgt Ion: 83 Resp: 4389

Ion Ratio Lower Upper

83 100

85 60.1 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.531 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041755.D

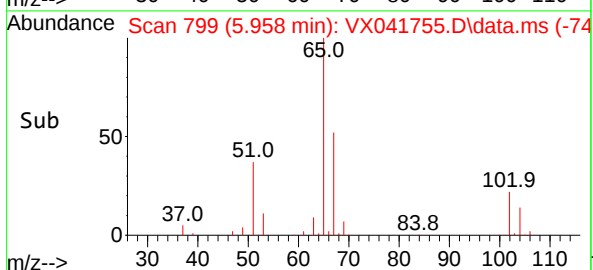
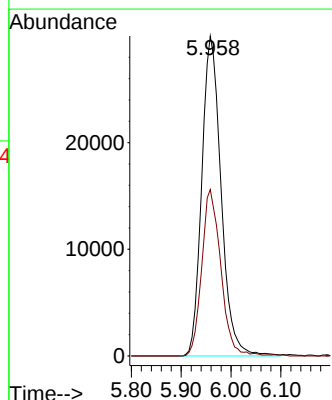
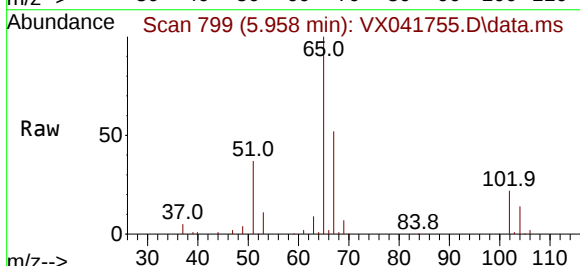
Acq: 05 Jun 2024 17:12

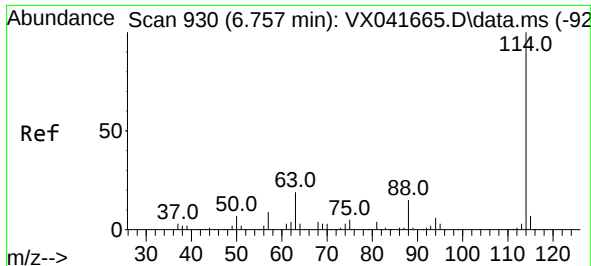
Tgt Ion: 65 Resp: 80748

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2

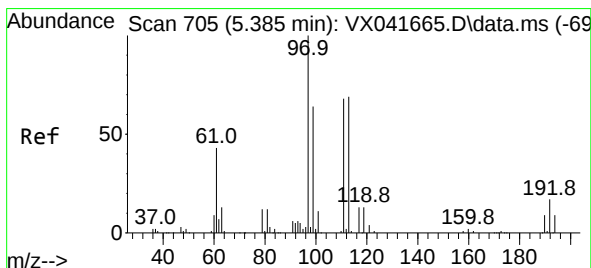
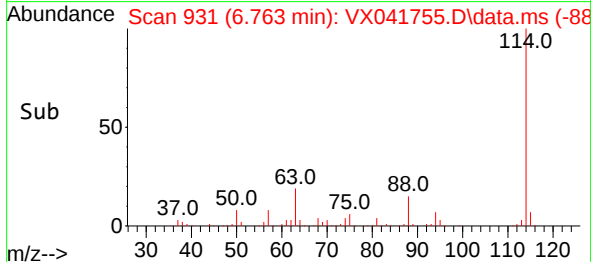
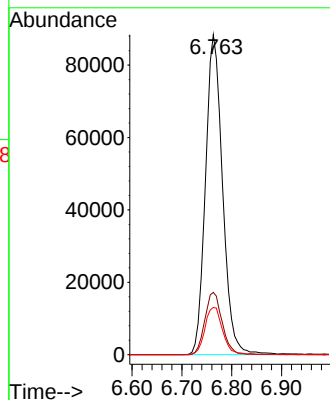
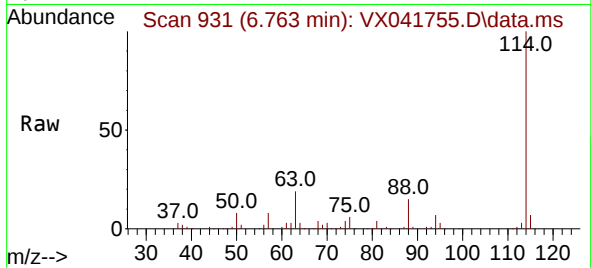




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

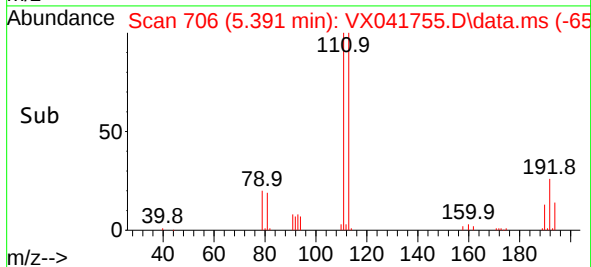
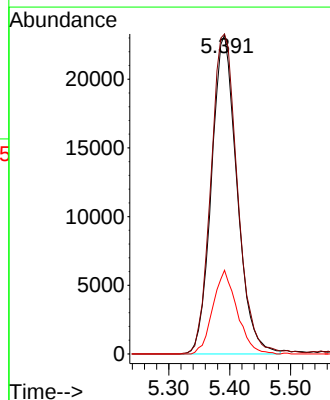
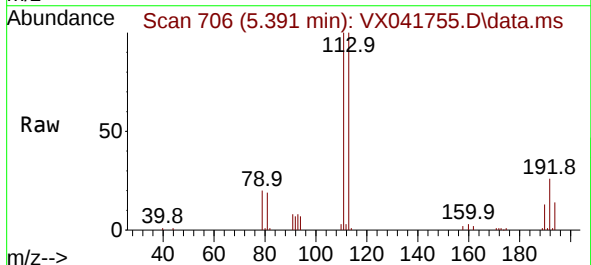
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

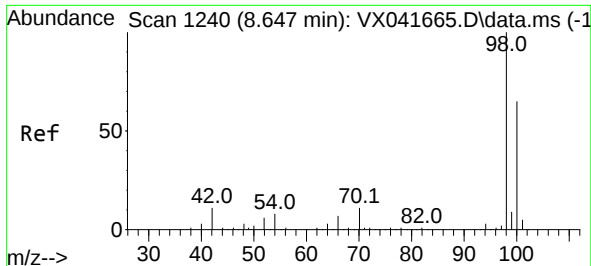
Tgt Ion:114 Resp: 210617
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.337 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion:113 Resp: 67475
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 24.9 13.3 19.9#

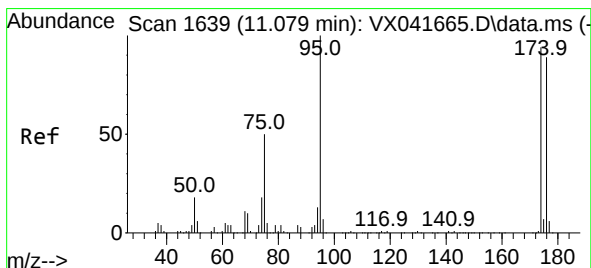
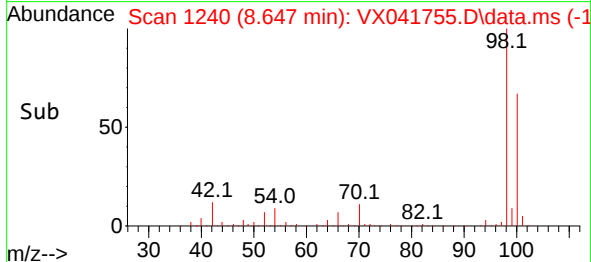
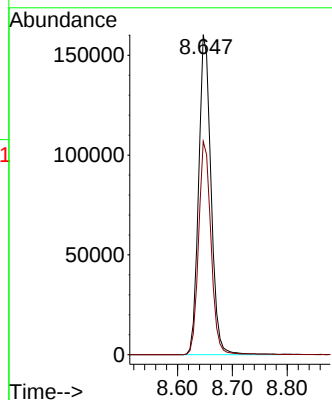
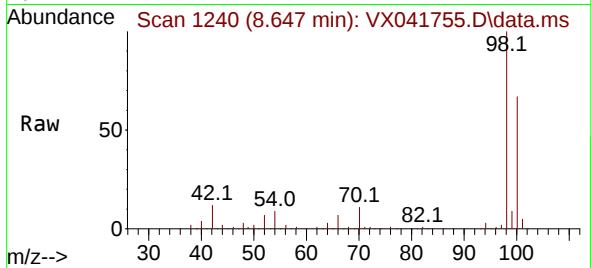




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

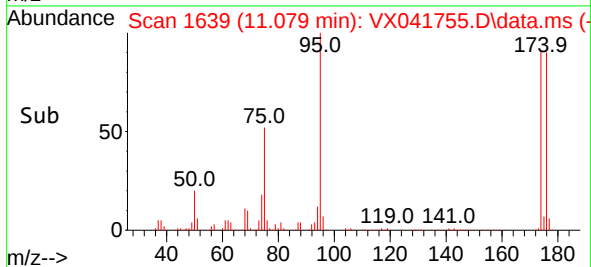
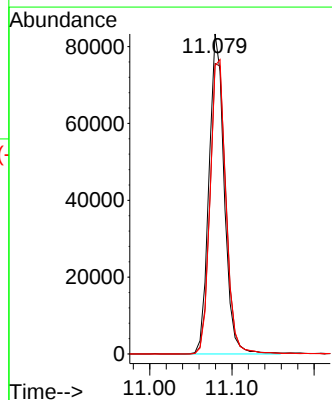
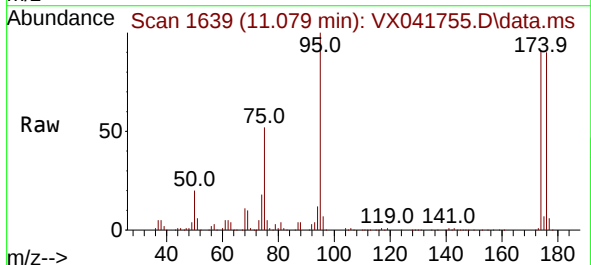
Instrument :
MSVOA_X
ClientSampleId :
MW-4B

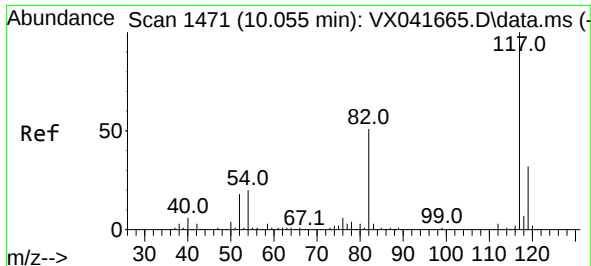
Tgt Ion: 98 Resp: 252310
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 95 Resp: 107394
Ion Ratio Lower Upper
95 100
174 96.2 0.0 135.6
176 95.1 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: VX041755.D

Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

ClientSampleId :

MW-4B

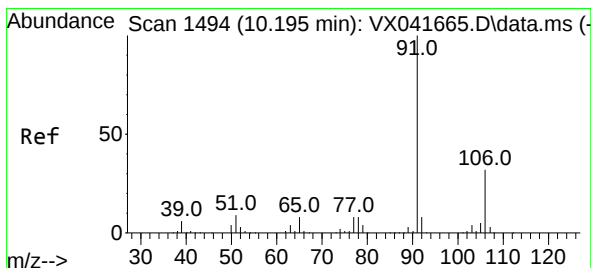
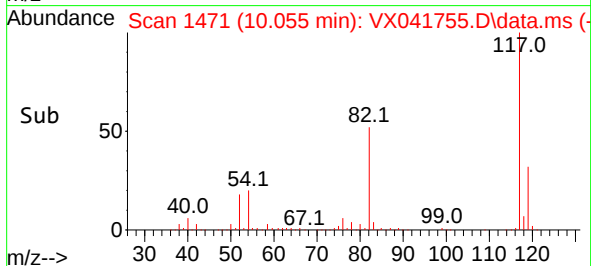
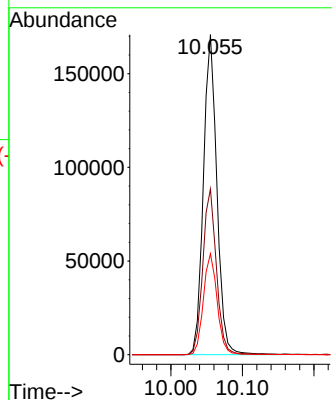
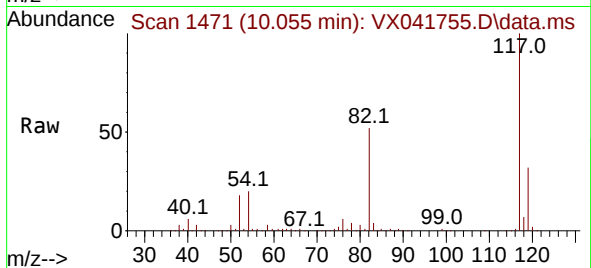
Tgt Ion:117 Resp: 223781

Ion Ratio Lower Upper

117 100

82 51.8 46.2 69.4

119 31.6 25.5 38.3



#67

Ethyl Benzene

Concen: 0.249 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041755.D

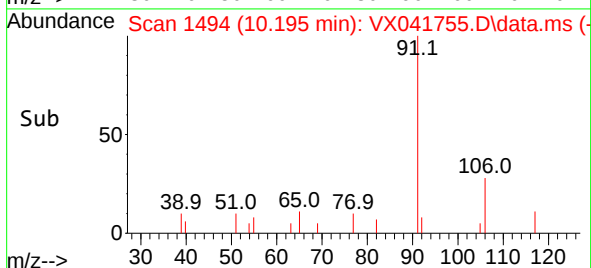
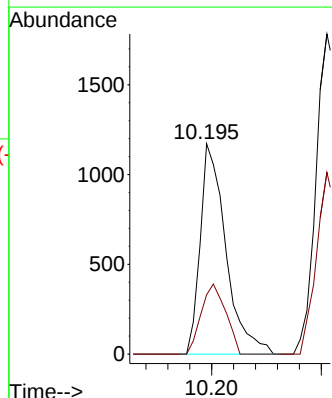
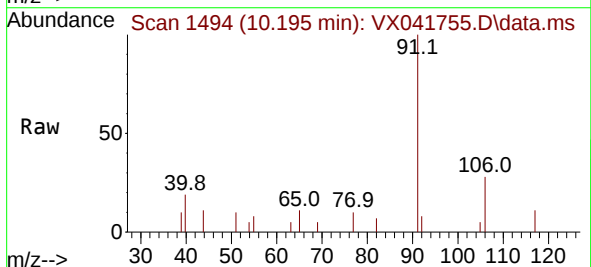
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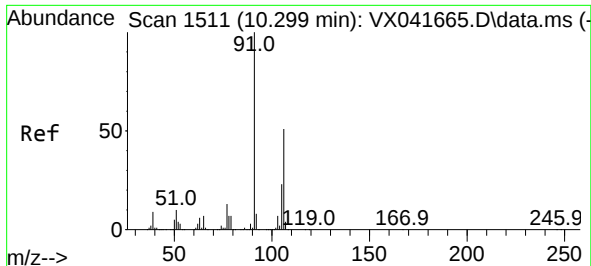
Tgt Ion: 91 Resp: 1905

Ion Ratio Lower Upper

91 100

106 28.2 24.9 37.3

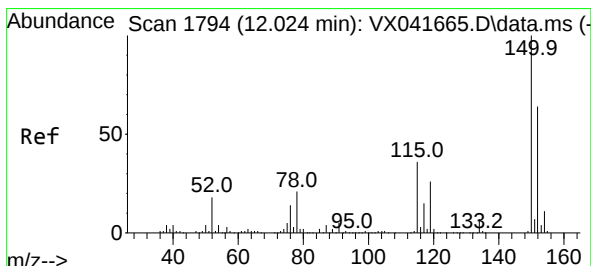
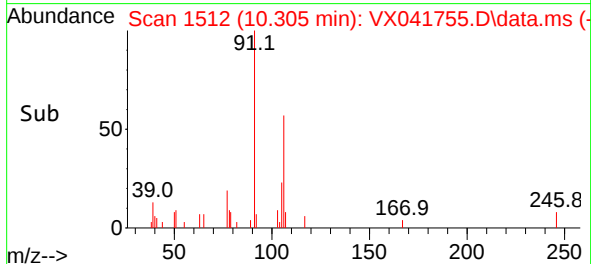
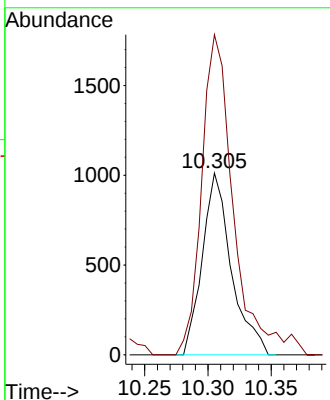
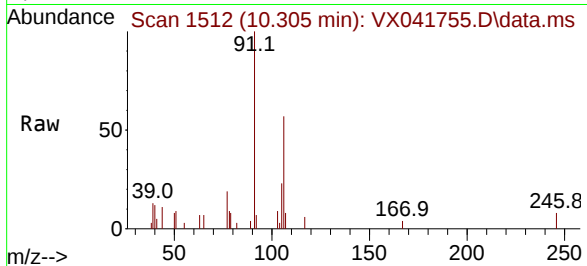




#68
m/p-Xylenes
Concen: 0.531 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

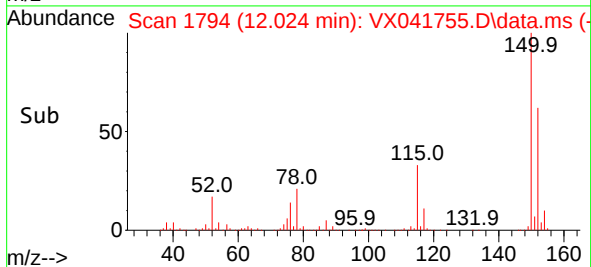
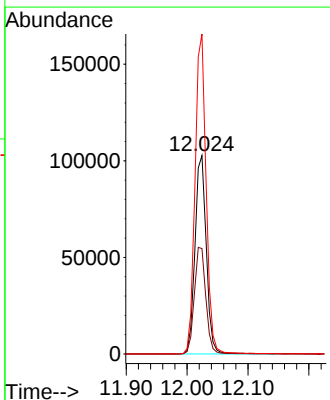
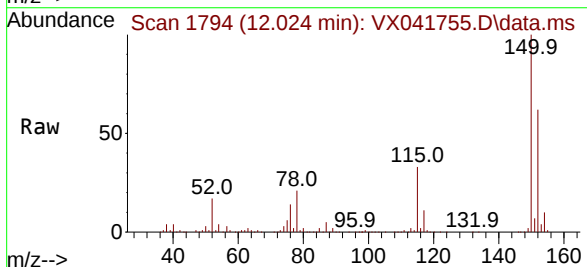
Instrument :
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MW-4B

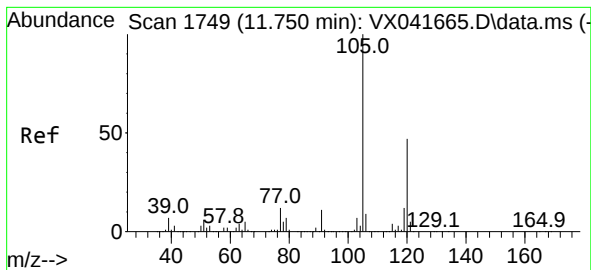
Tgt Ion:106 Resp: 1618
Ion Ratio Lower Upper
106 100
91 193.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion:152 Resp: 132374
Ion Ratio Lower Upper
152 100
115 54.8 43.3 129.9
150 158.1 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.441 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041755.D

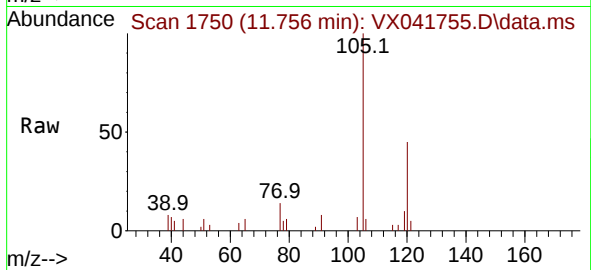
Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

ClientSampleId :

MW-4B



Tgt Ion:105 Resp: 3066

Ion Ratio Lower Upper

105 100

120 51.5 21.2 63.6

