

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041752.D
 Acq On : 05 Jun 2024 16:02
 Operator : JC/MD
 Sample : P2718-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 06 02:21:33 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)

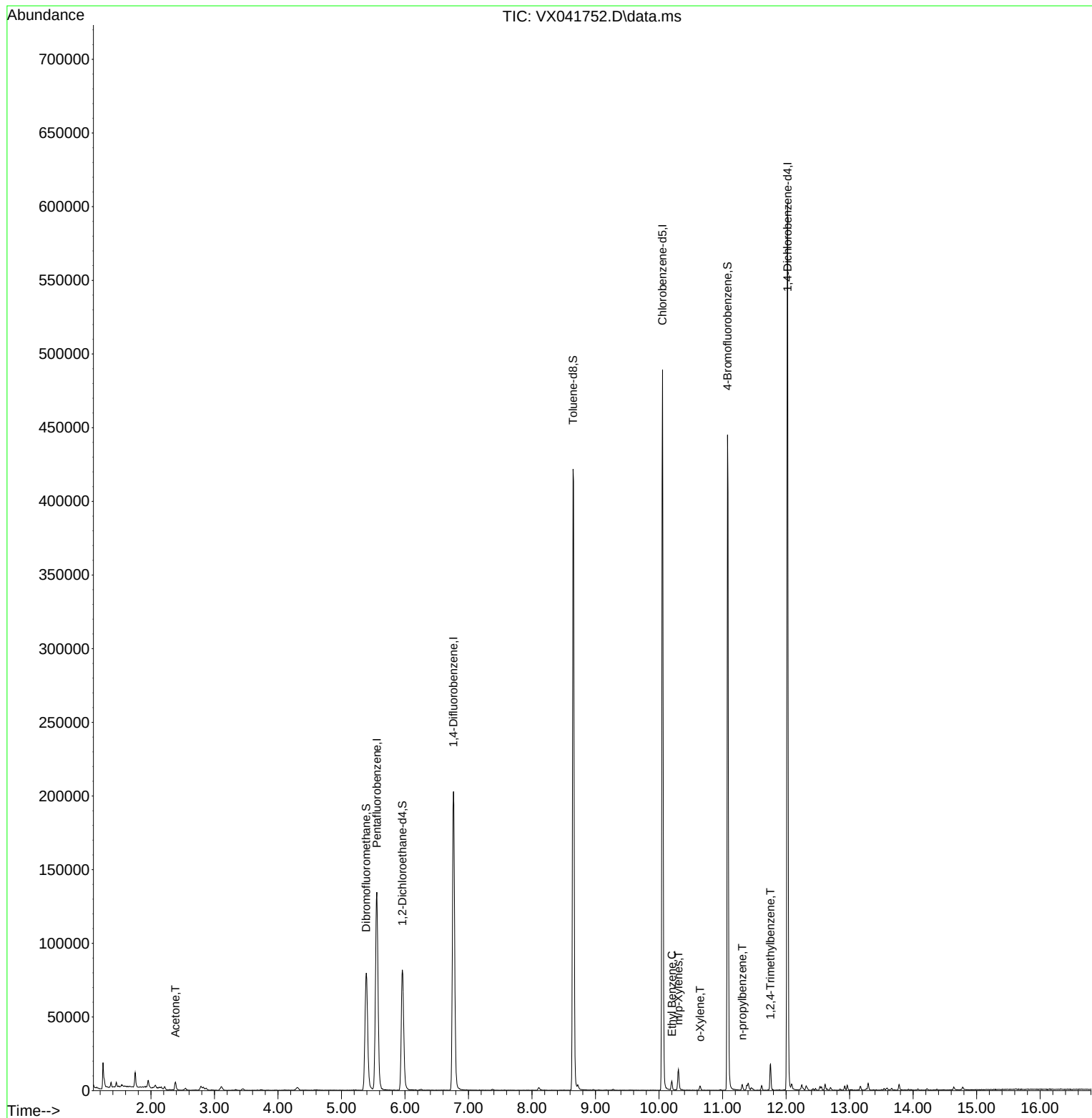
Internal Standards						
1) Pentafluorobenzene	5.556	168	140547	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82760	48.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.020%
35) Dibromofluoromethane	5.385	113	69861	46.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.646	98	258936	49.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	110578	56.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.000%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	6181	5.478	ug/l	97
67) Ethyl Benzene	10.201	91	4169	0.530	ug/l	100
68) m/p-Xylenes	10.305	106	3719	1.189	ug/l	97
69) o-Xylene	10.646	106	781	0.251	ug/l	89
78) n-propylbenzene	11.311	91	2993	0.329	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	8614	1.228	ug/l	95

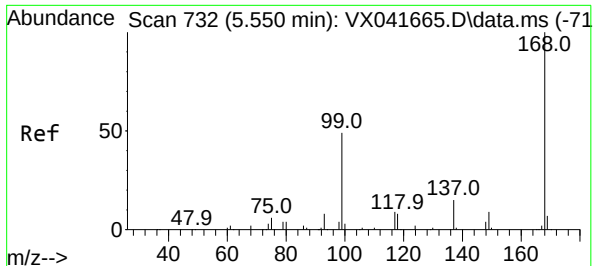
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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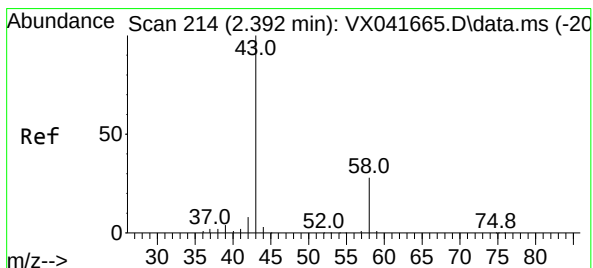
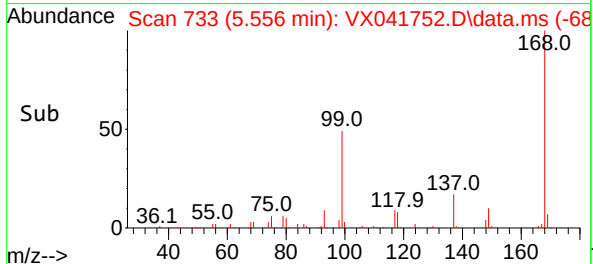
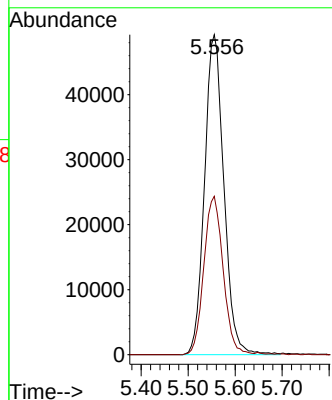
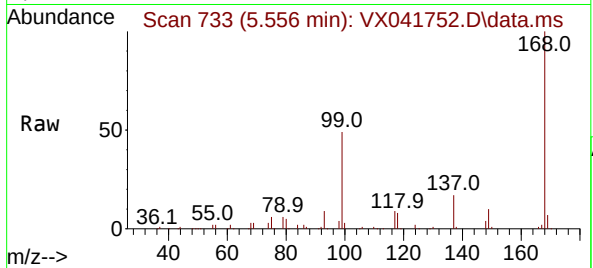




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041752.D
Acq: 05 Jun 2024 16:02

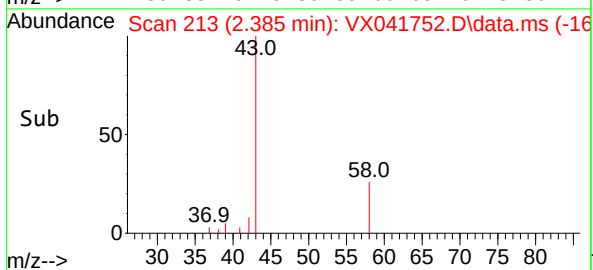
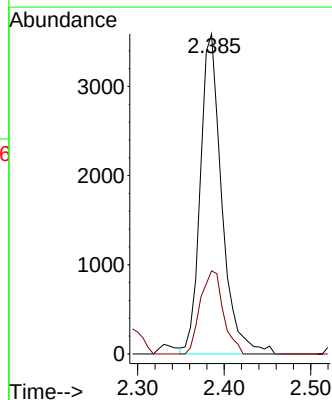
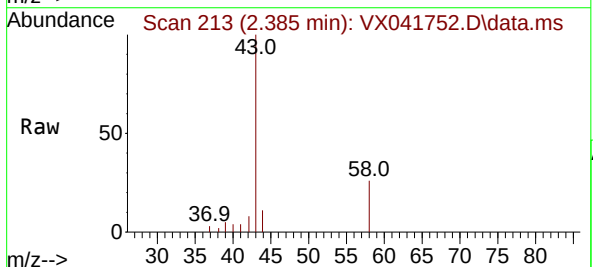
Instrument :
MSVOA_X
ClientSampleId :
MW-1

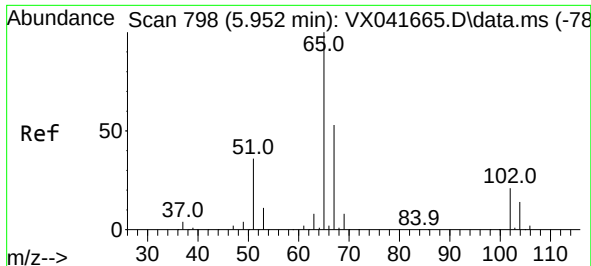
Tgt Ion:168 Resp: 140547
Ion Ratio Lower Upper
168 100
99 49.5 56.6 85.0#



#16
Acetone
Concen: 5.478 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX041752.D
Acq: 05 Jun 2024 16:02

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 48.011 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

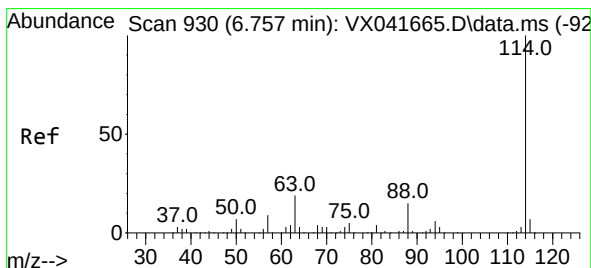
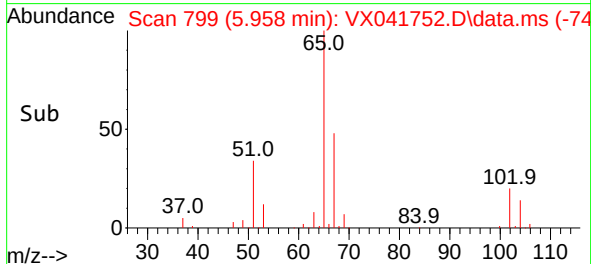
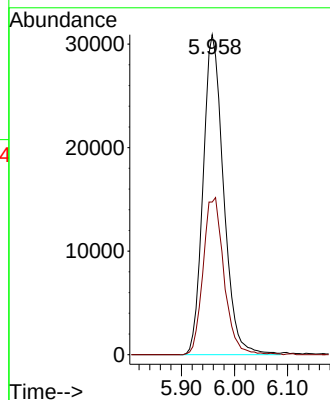
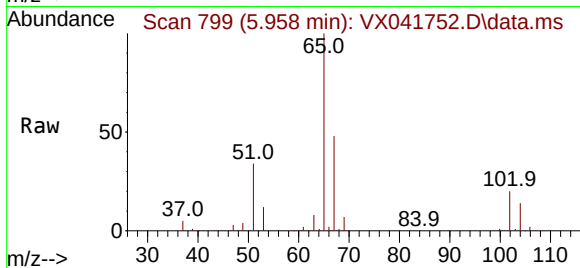
MW-1

Tgt Ion: 65 Resp: 82760

Ion Ratio Lower Upper

65 100

67 50.1 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: VX041752.D

Acq: 05 Jun 2024 16:02

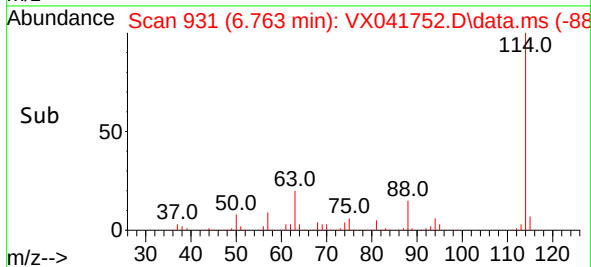
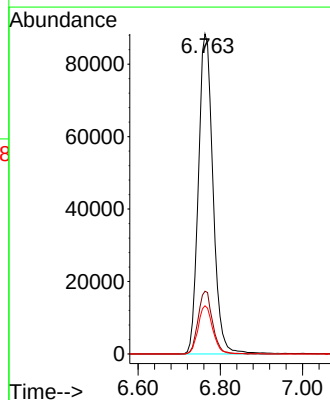
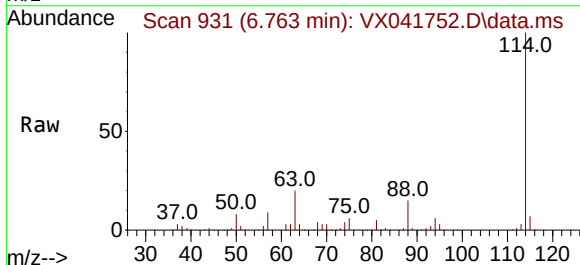
Tgt Ion: 114 Resp: 217582

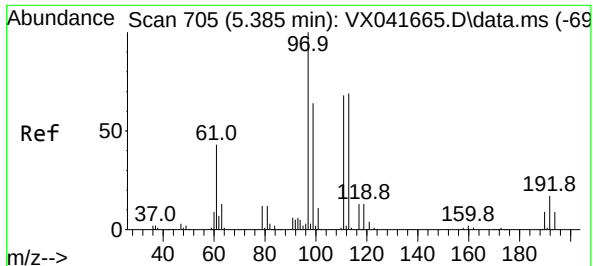
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.439 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

MW-1

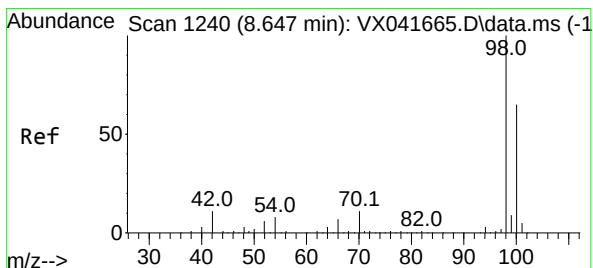
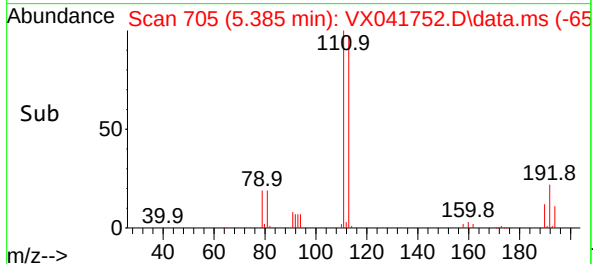
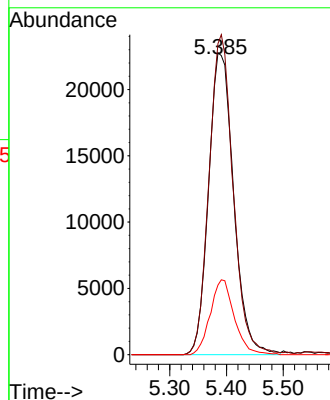
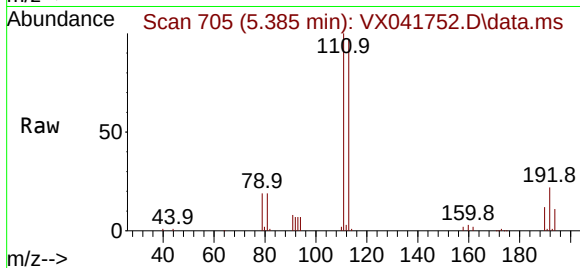
Tgt Ion:113 Resp: 69861

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 23.8 13.3 19.9#



#50

Toluene-d8

Concen: 49.261 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041752.D

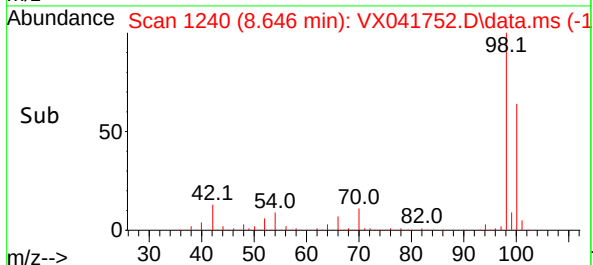
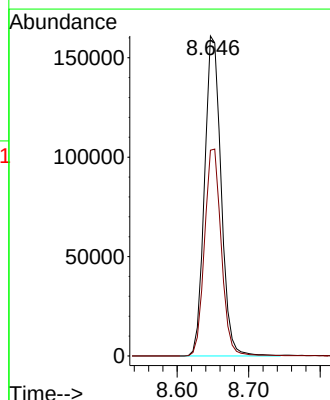
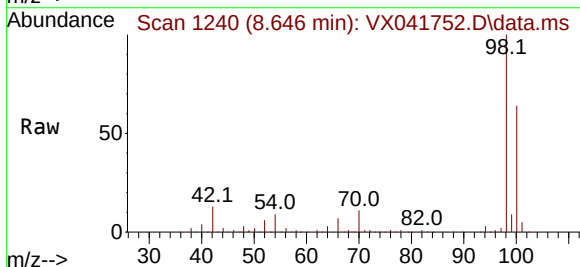
Acq: 05 Jun 2024 16:02

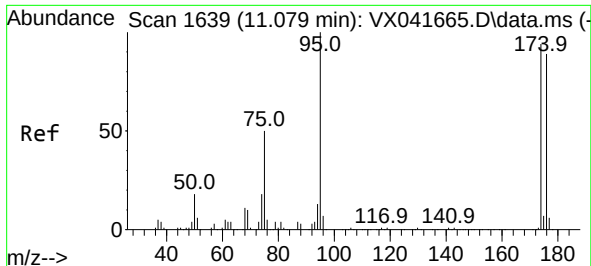
Tgt Ion: 98 Resp: 258936

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 56.998 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

MW-1

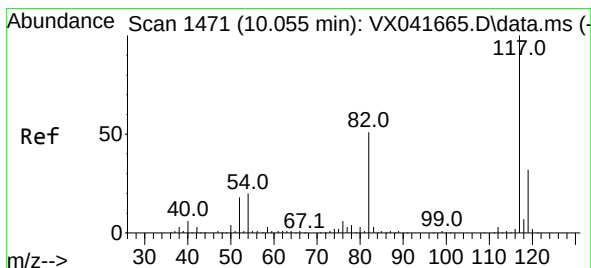
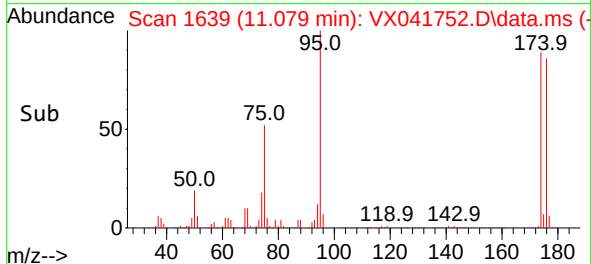
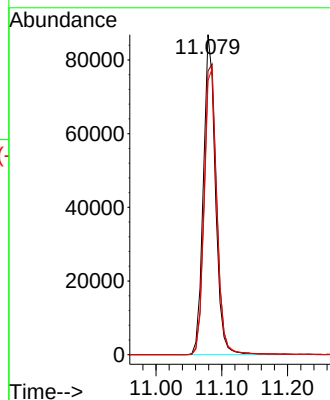
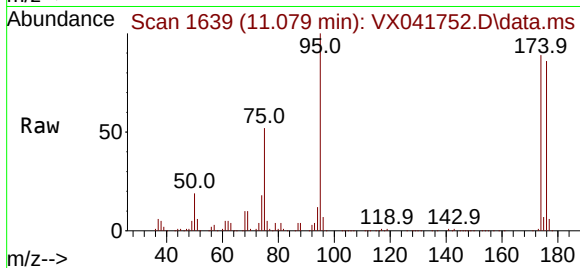
Tgt Ion: 95 Resp: 110578

Ion Ratio Lower Upper

95 100

174 96.4 0.0 135.6

176 93.3 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: VX041752.D

Acq: 05 Jun 2024 16:02

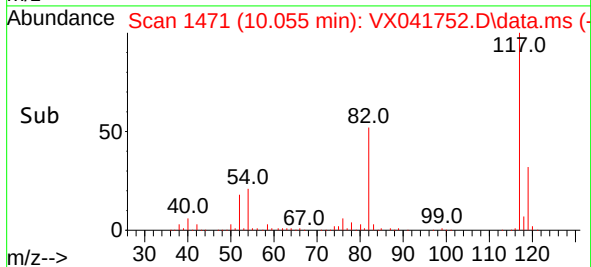
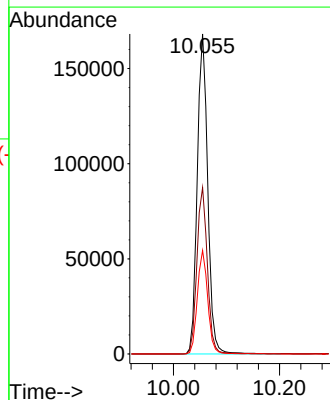
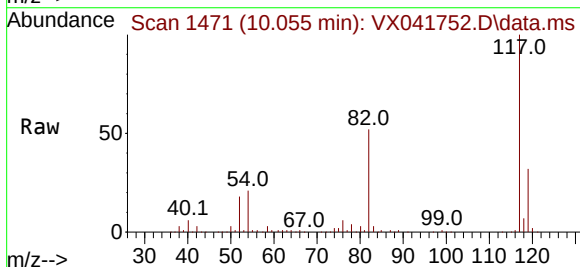
Tgt Ion: 117 Resp: 229947

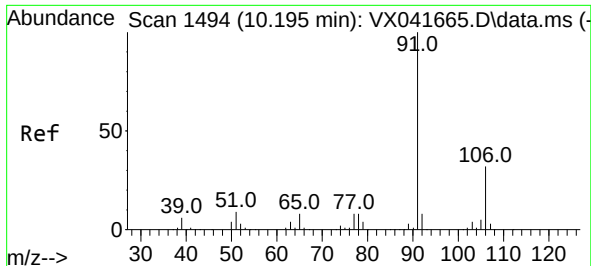
Ion Ratio Lower Upper

117 100

82 52.0 46.2 69.4

119 32.3 25.5 38.3





#67

Ethyl Benzene

Concen: 0.530 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

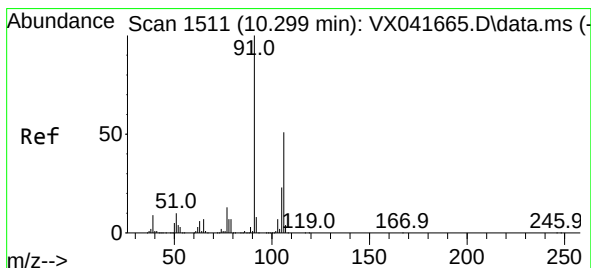
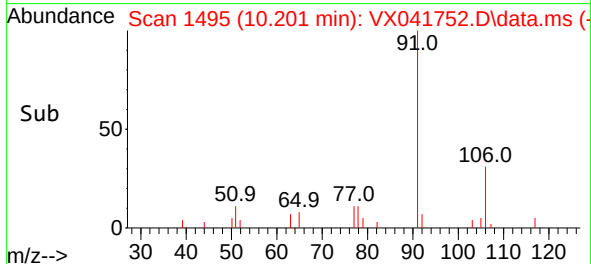
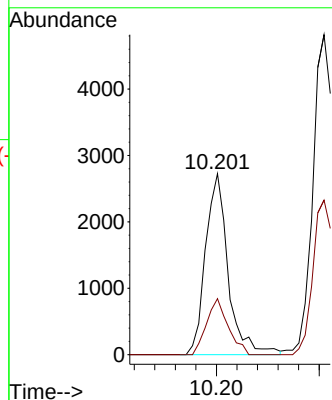
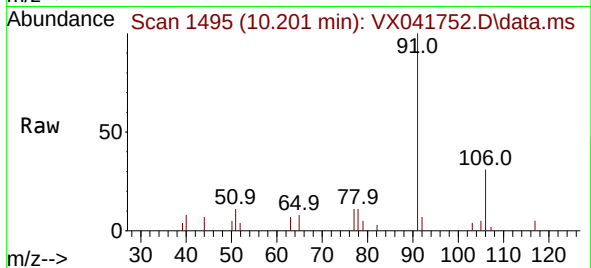
MW-1

Tgt Ion: 91 Resp: 4169

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 1.189 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041752.D

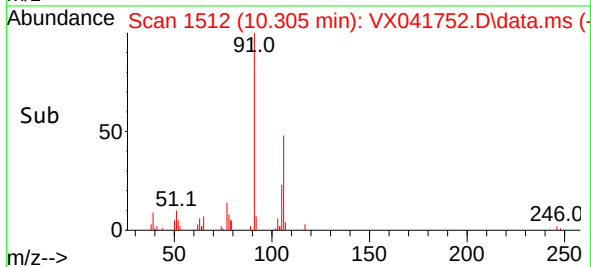
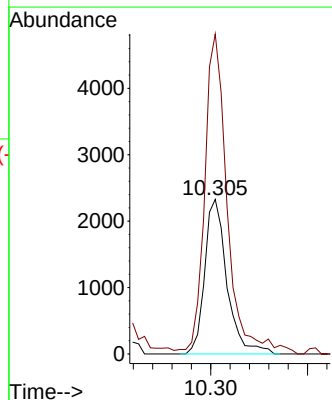
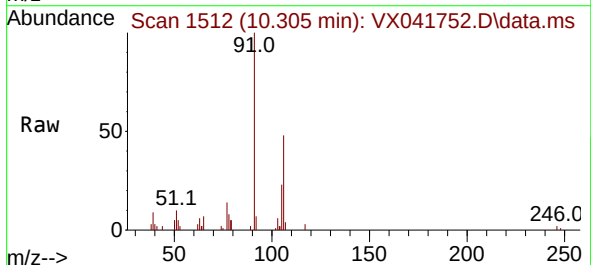
Acq: 05 Jun 2024 16:02

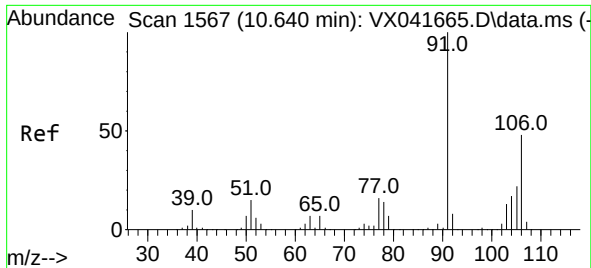
Tgt Ion: 106 Resp: 3719

Ion Ratio Lower Upper

106 100

91 211.1 165.5 248.3

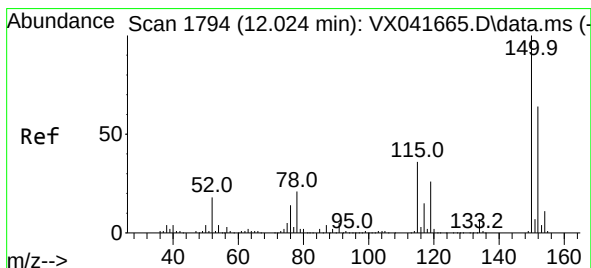
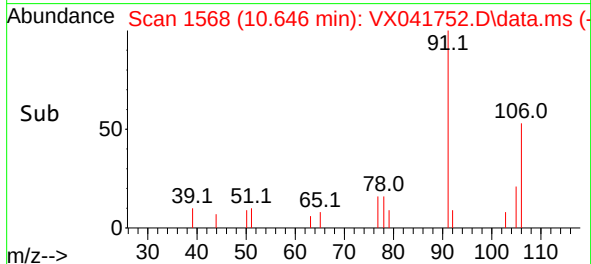
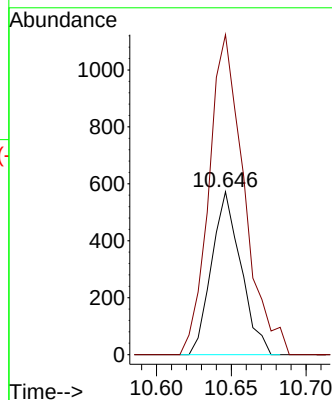
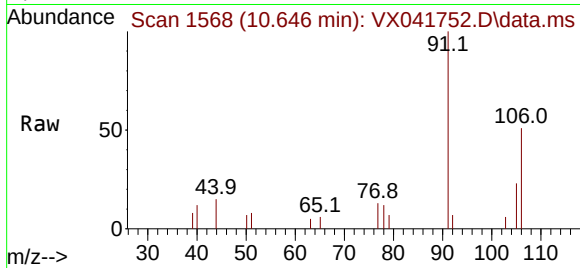




#69
o-Xylene
Concen: 0.251 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041752.D
Acq: 05 Jun 2024 16:02

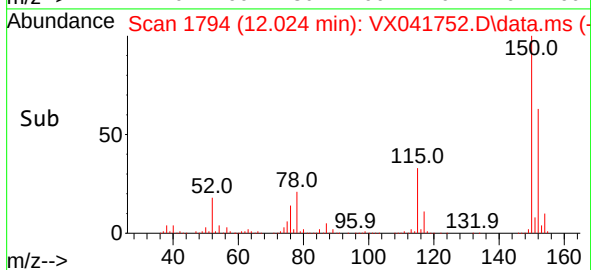
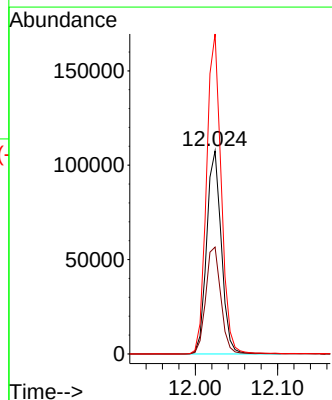
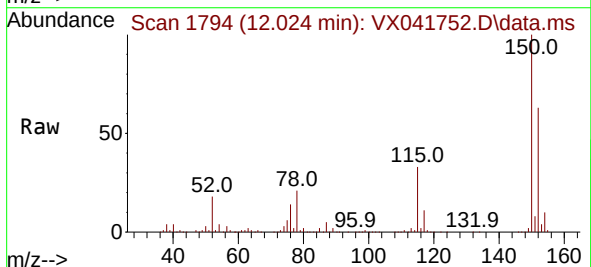
Instrument :
MSVOA_X
ClientSampleId :
MW-1

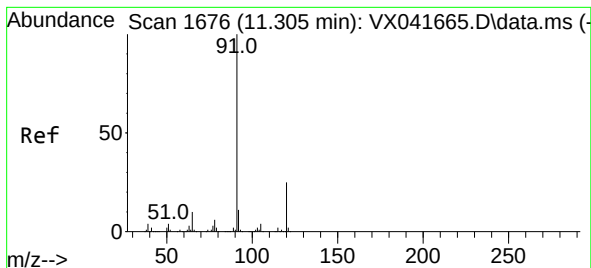
Tgt Ion:106 Resp: 781
Ion Ratio Lower Upper
106 100
91 235.2 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041752.D
Acq: 05 Jun 2024 16:02

Tgt Ion:152 Resp: 133643
Ion Ratio Lower Upper
152 100
115 54.3 43.3 129.9
150 157.9 0.0 345.0





#78

n-propylbenzene

Concen: 0.329 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

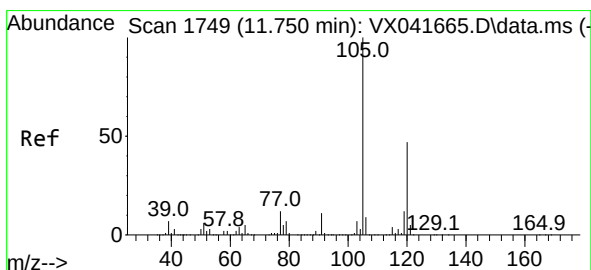
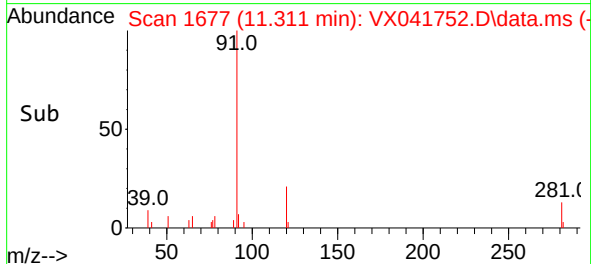
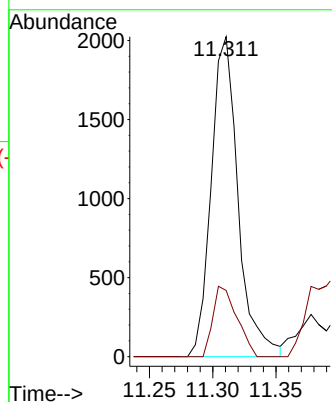
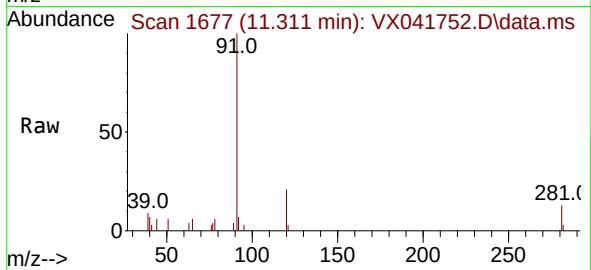
MW-1

Tgt Ion: 91 Resp: 2993

Ion Ratio Lower Upper

91 100

120 19.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 1.228 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041752.D

Acq: 05 Jun 2024 16:02

Tgt Ion: 105 Resp: 8614

Ion Ratio Lower Upper

105 100

120 45.7 21.2 63.6

