

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042109.D
 Acq On : 01 Jul 2024 13:12
 Operator : JC/MD
 Sample : P3092-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240626

Quant Time: Jul 02 02:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

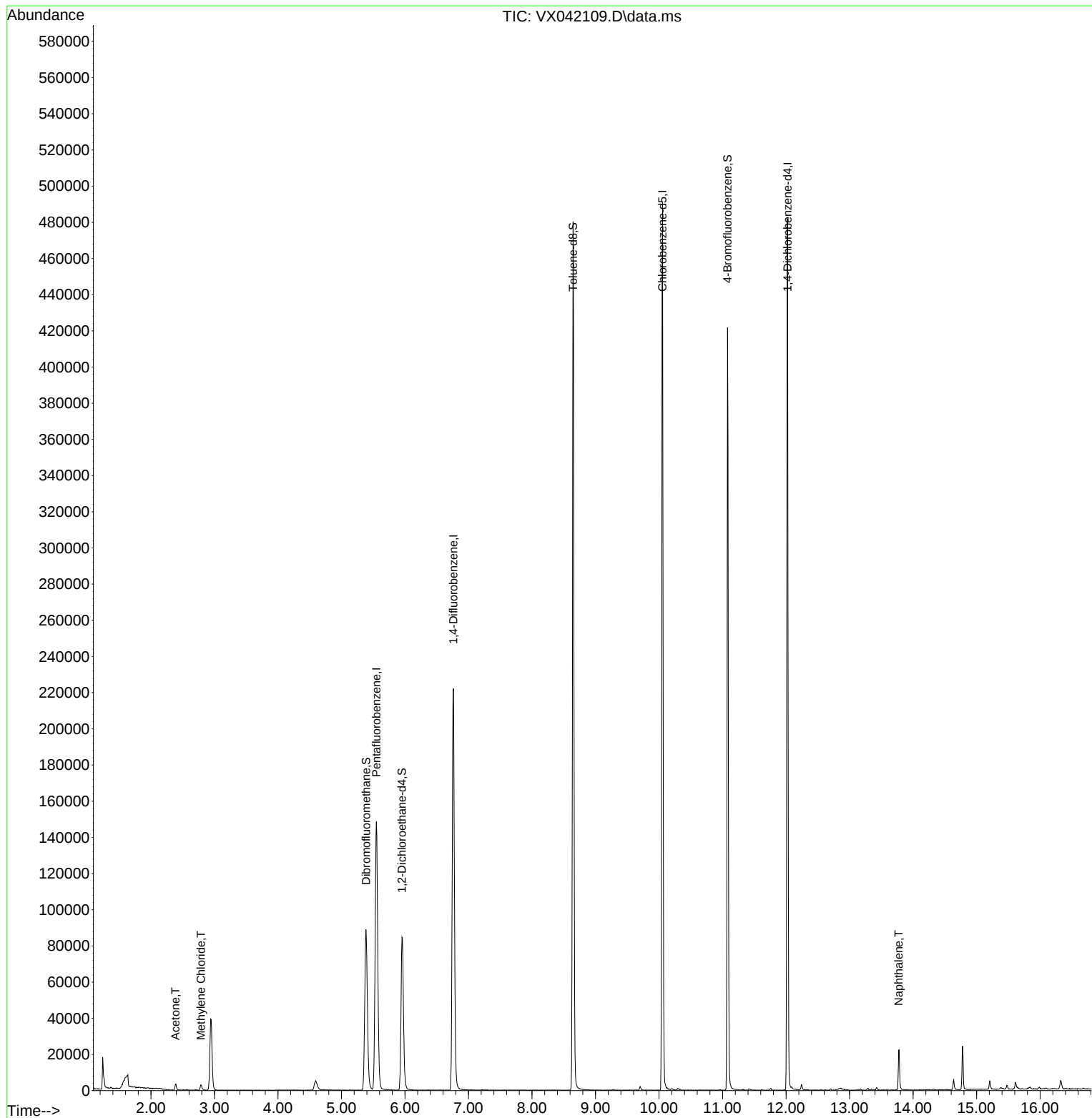
Internal Standards						
1) Pentafluorobenzene	5.550	168	166673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81628	42.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.940%
35) Dibromofluoromethane	5.385	113	79500	44.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.400%
50) Toluene-d8	8.647	98	295509	46.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.540%
62) 4-Bromofluorobenzene	11.079	95	108726	46.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3842	4.553	ug/l	96
20) Methylene Chloride	2.788	84	1779	0.963	ug/l #	86
95) Naphthalene	13.774	128	18002	2.790	ug/l	98

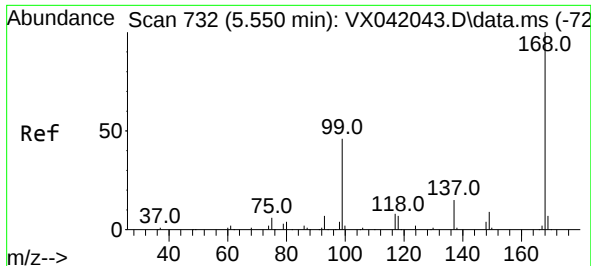
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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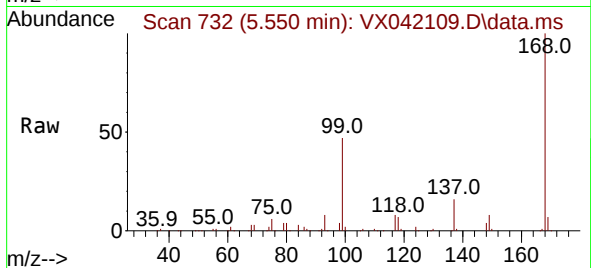
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Instrument :

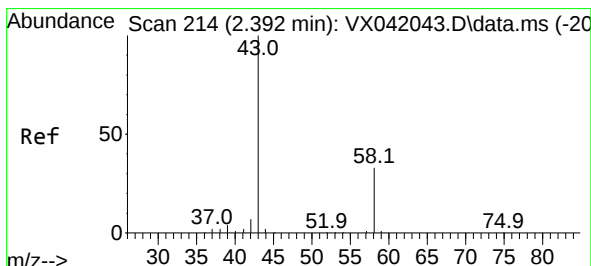
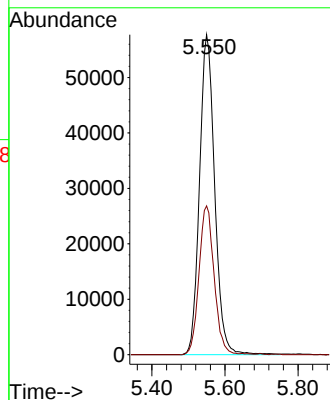
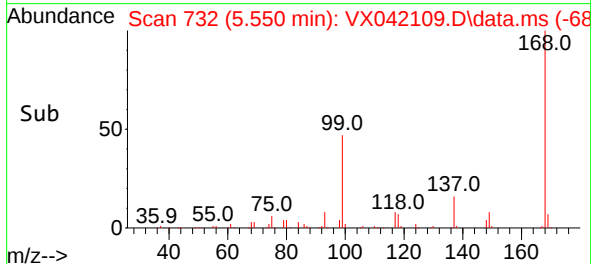
MSVOA_X

ClientSampleId :

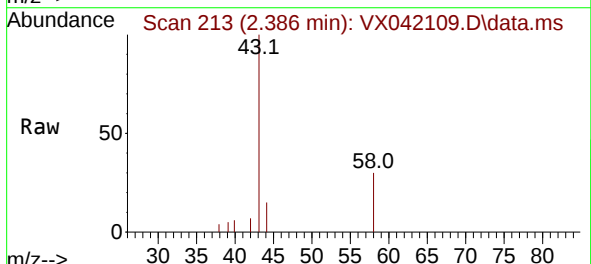
TB-20240626



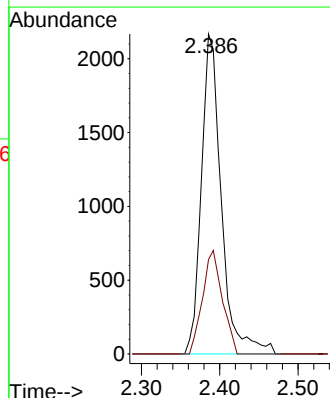
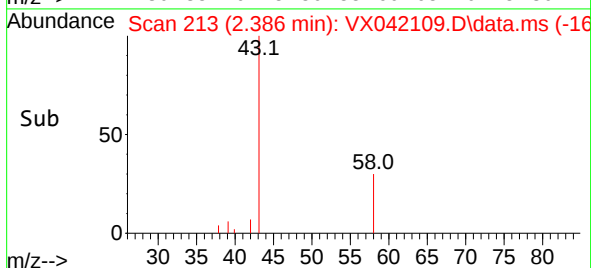
Tgt Ion:168 Resp: 166673
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#

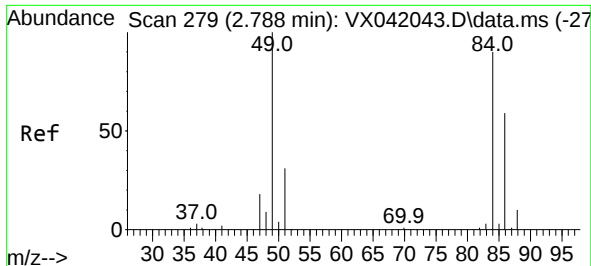


#16
Acetone
Concen: 4.553 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12



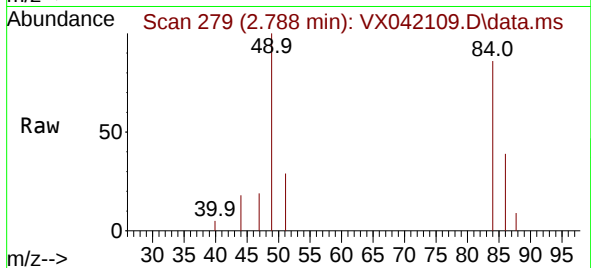
Tgt Ion: 43 Resp: 3842
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



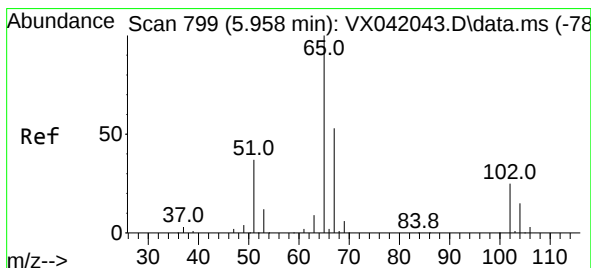
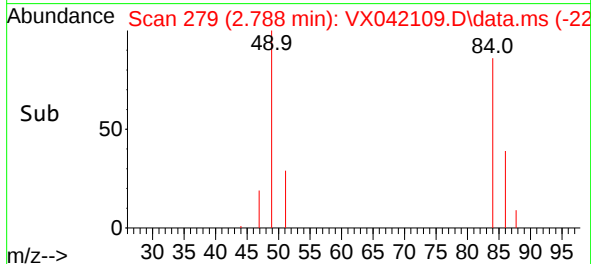
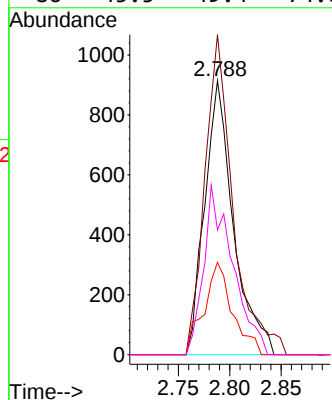


#20
Methylene Chloride
Concen: 0.963 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
TB-20240626

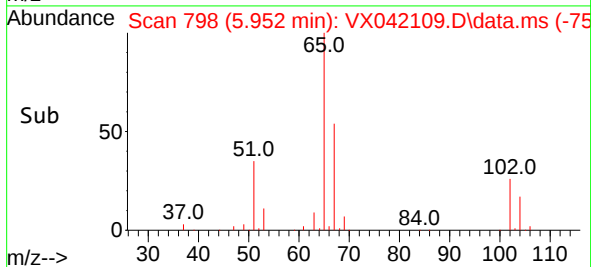
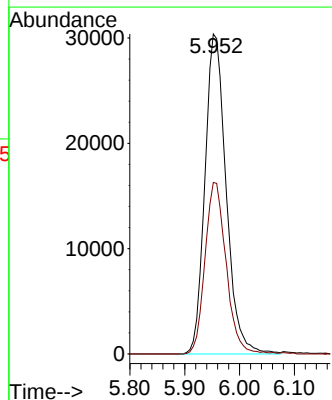
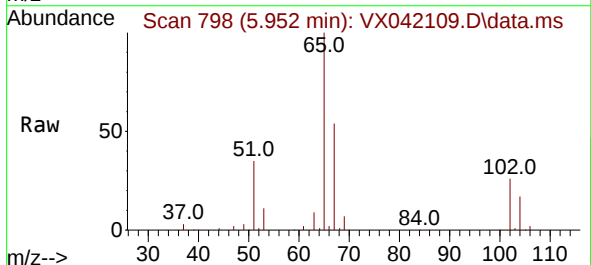


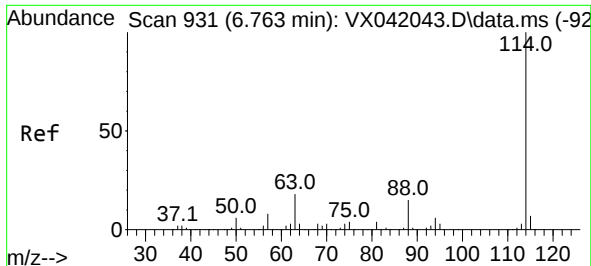
Tgt Ion: 84	Resp: 1779
Ion Ratio	Lower Upper
84 100	
49 116.7	103.6 155.4
51 33.7	33.8 50.6#
86 45.5	49.4 74.0#



#33
1,2-Dichloroethane-d4
Concen: 42.471 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Tgt Ion: 65	Resp: 81628
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 100.2

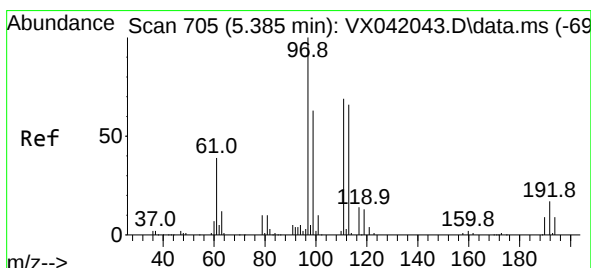
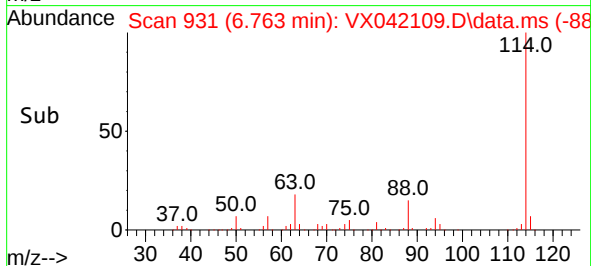
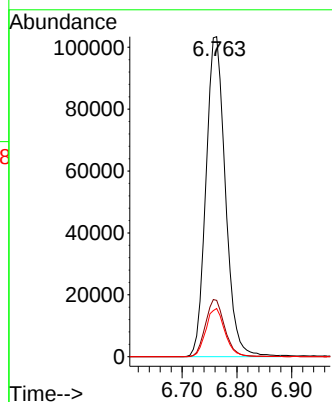
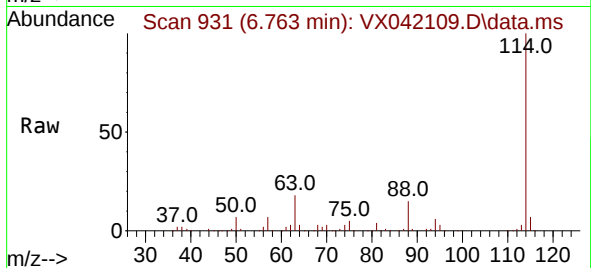




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

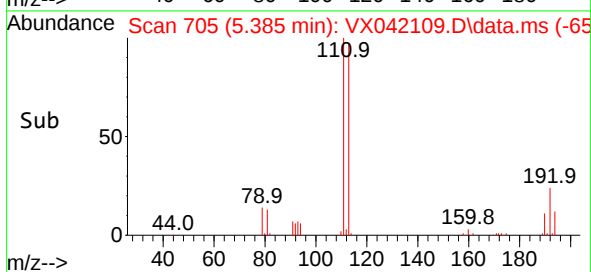
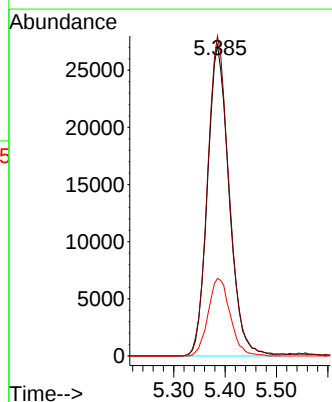
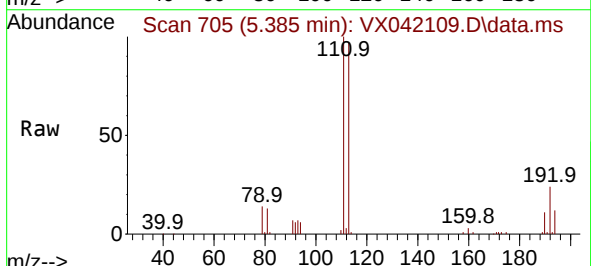
Instrument :
MSVOA_X
ClientSampleId :
TB-20240626

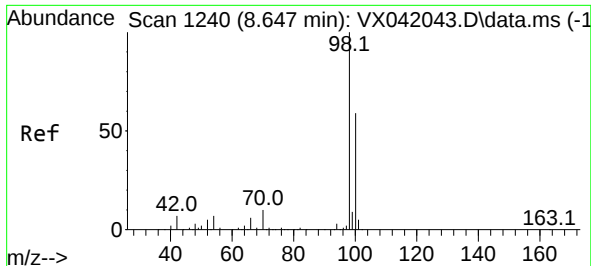
Tgt Ion:114 Resp: 253481
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Tgt Ion:113 Resp: 79500
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.5 13.3 19.9#

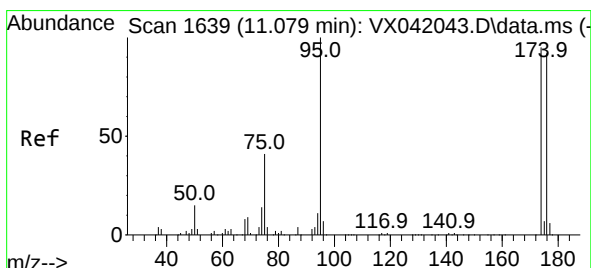
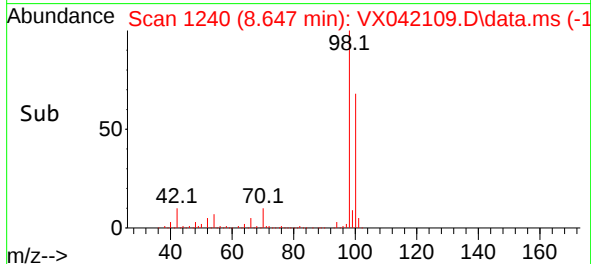
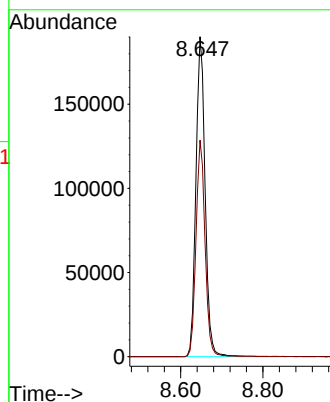
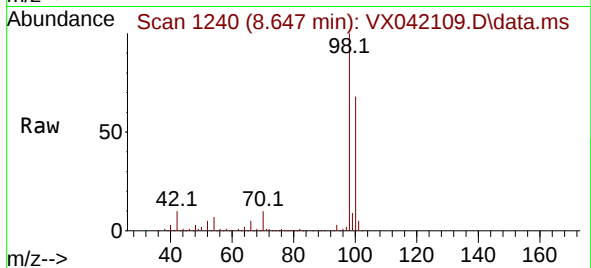




#50
Toluene-d8
Concen: 46.769 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

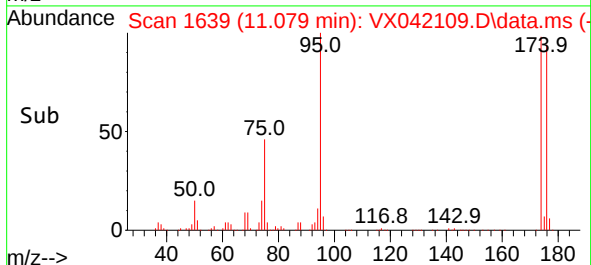
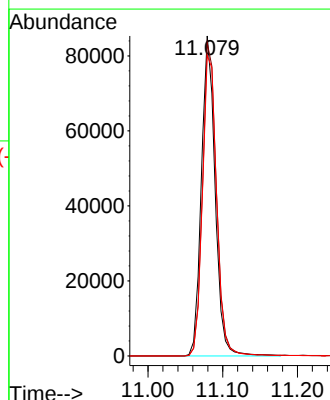
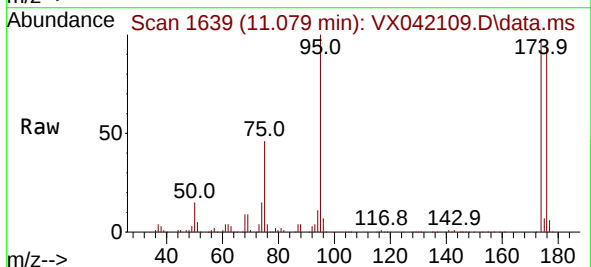
Instrument :
MSVOA_X
ClientSampleId :
TB-20240626

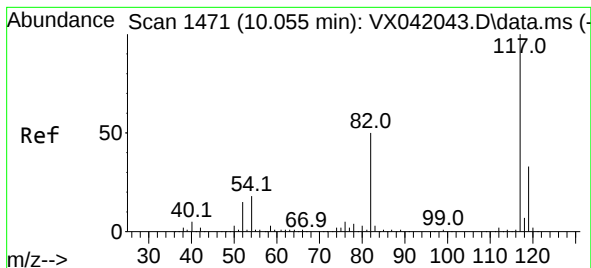
Tgt Ion: 98 Resp: 295509
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Tgt Ion: 95 Resp: 108726
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 97.4 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: VX042109.D

Acq: 01 Jul 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

TB-20240626

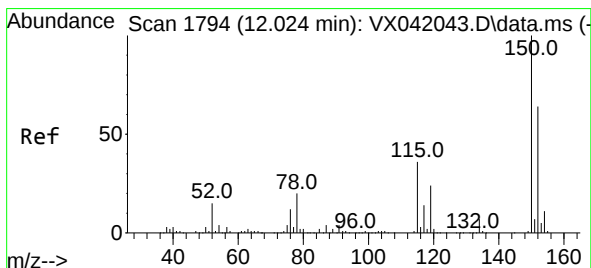
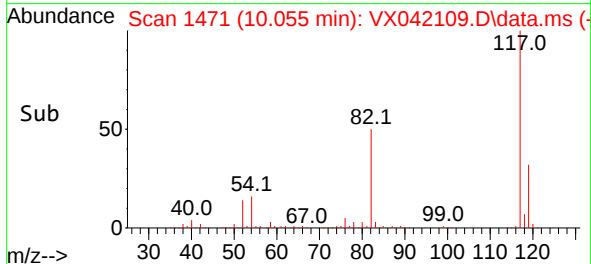
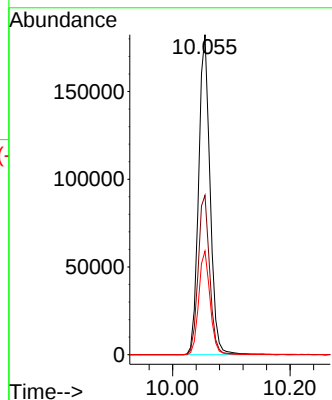
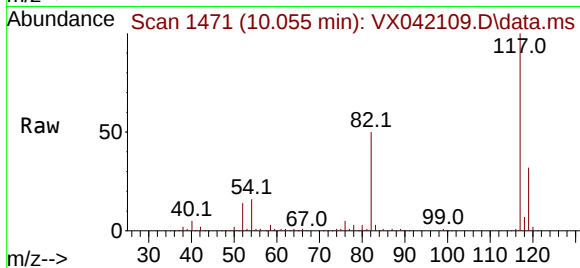
Tgt Ion:117 Resp: 246893

Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 32.4 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: VX042109.D

Acq: 01 Jul 2024 13:12

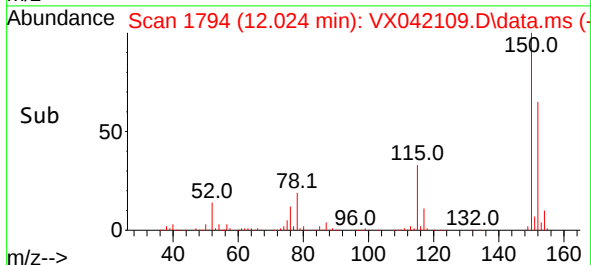
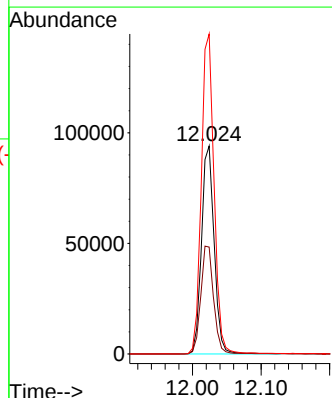
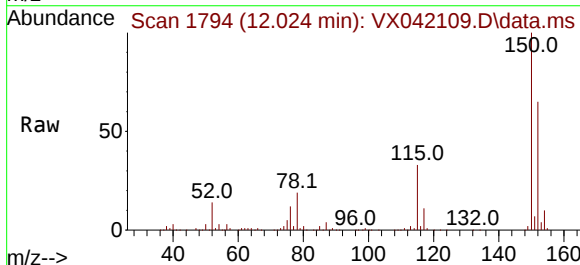
Tgt Ion:152 Resp: 121141

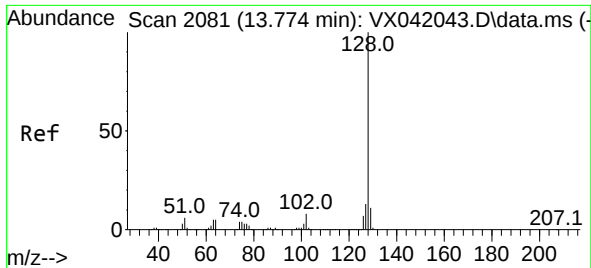
Ion Ratio Lower Upper

152 100

115 52.7 43.3 129.9

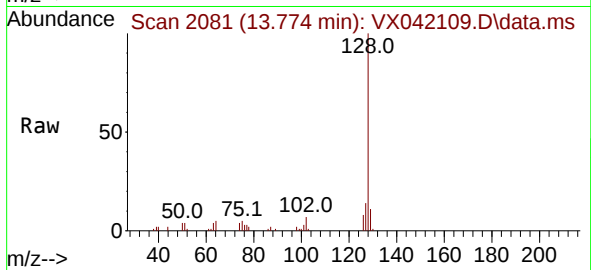
150 155.1 0.0 345.0





#95
Naphthalene
Concen: 2.790 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042109.D
Acq: 01 Jul 2024 13:12

Instrument :
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Tgt Ion:128 Resp: 18002
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.5 8.8 13.2

