

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040354.D
 Acq On : 20 Feb 2024 14:16
 Operator : JC/MD
 Sample : P1414-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB020724

Quant Time: Feb 21 01:13:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

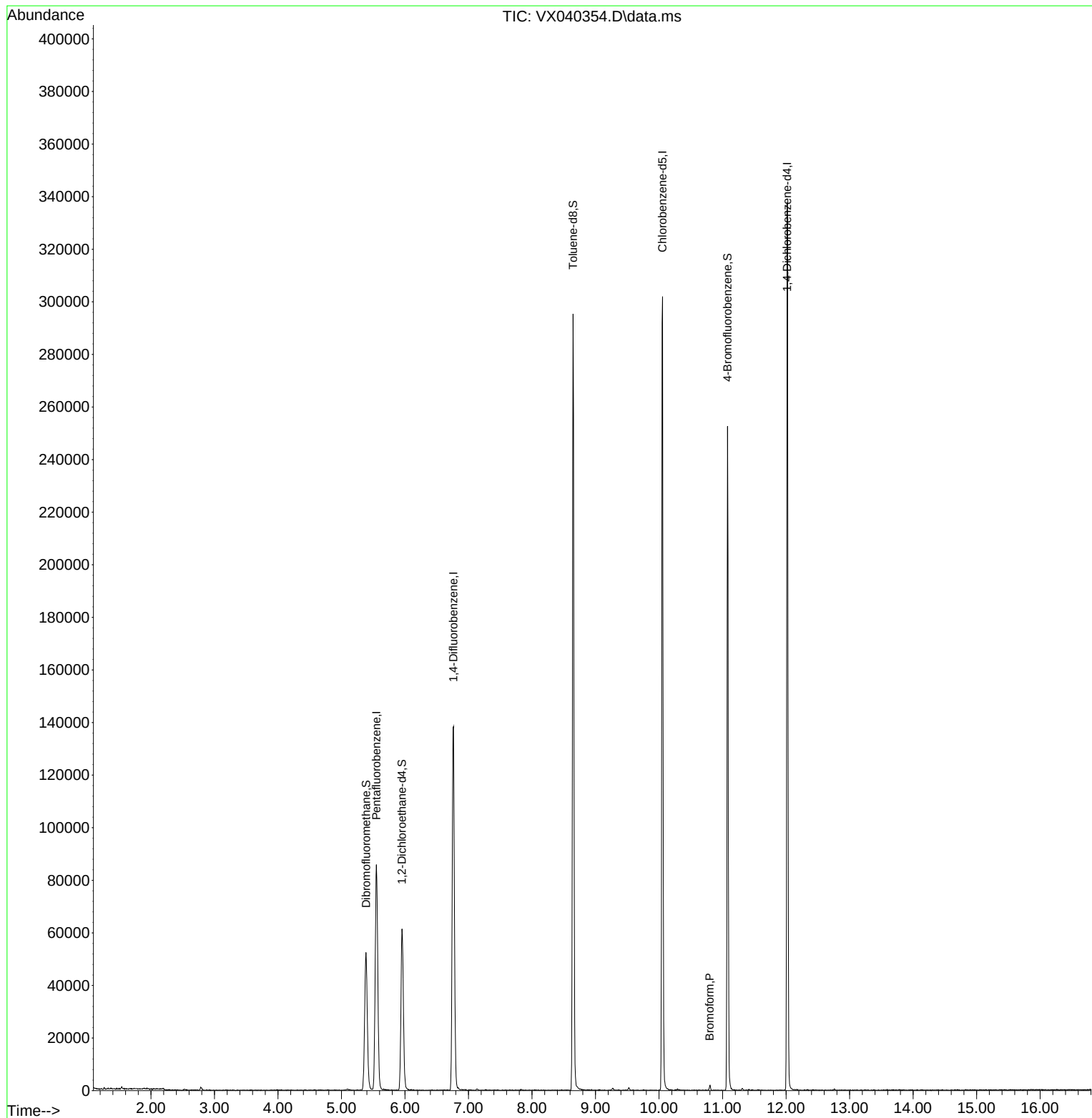
Internal Standards						
1) Pentafluorobenzene	5.550	168	77362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60967	52.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.940%
35) Dibromofluoromethane	5.385	113	45194	46.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.720%
50) Toluene-d8	8.647	98	168576	46.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	63146	42.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.840%
Target Compounds						
						Qvalue
71) Bromoform	10.799	173	569	2.686	ug/l	# 78

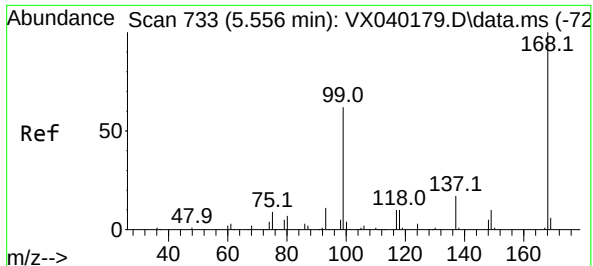
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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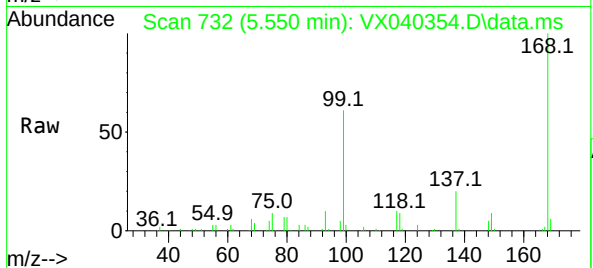
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

Instrument :

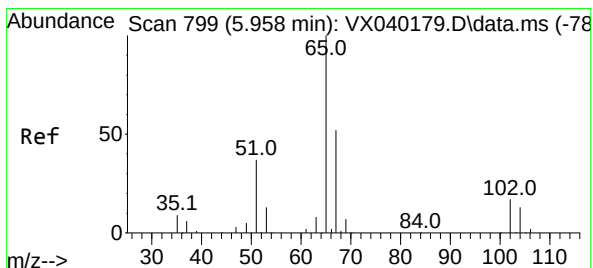
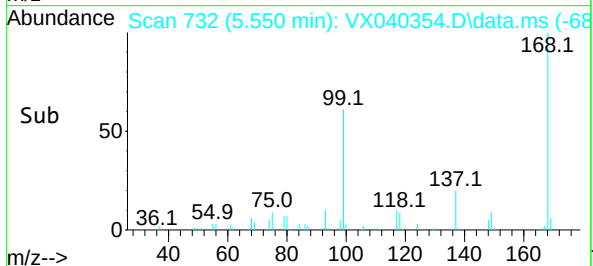
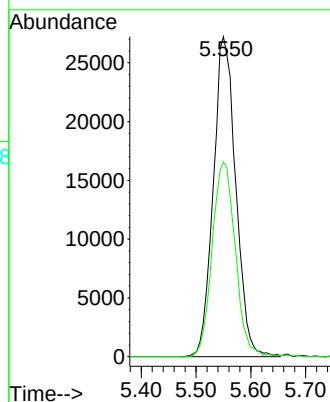
MSVOA_X

ClientSampleId :

FB020724

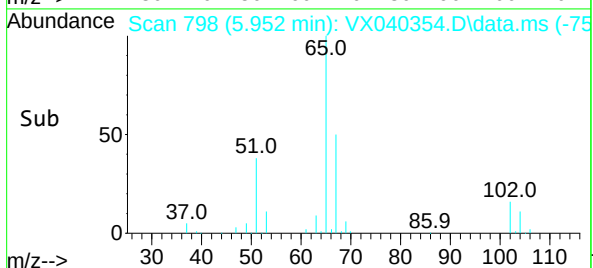
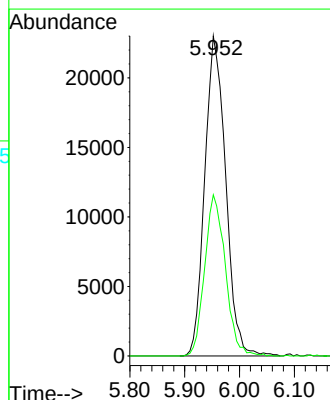
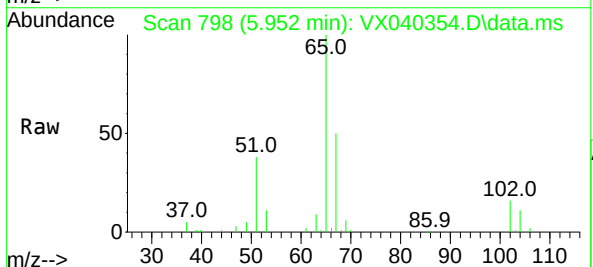


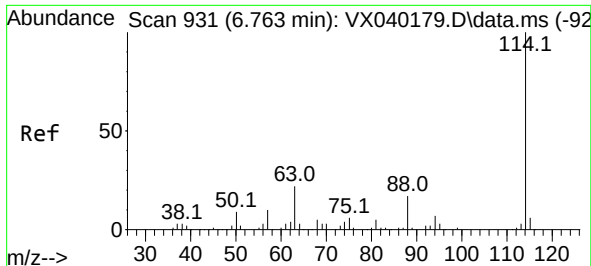
Tgt Ion:168 Resp: 77362
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.973 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

Tgt Ion: 65 Resp: 60967
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

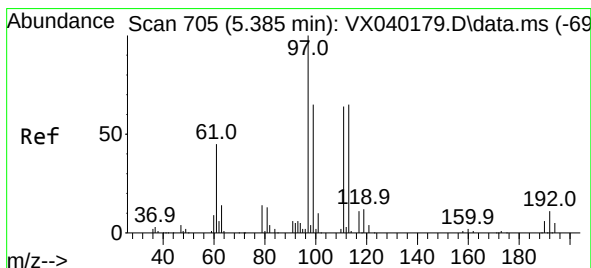
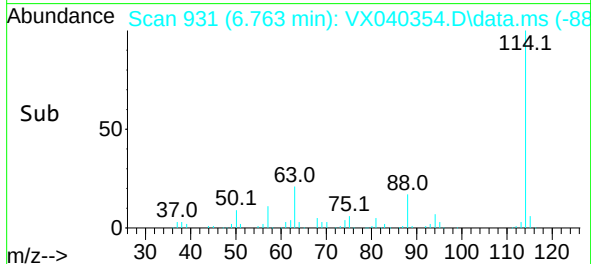
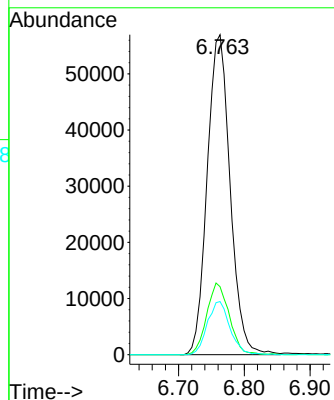
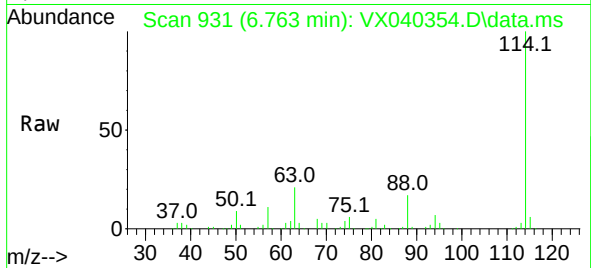




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

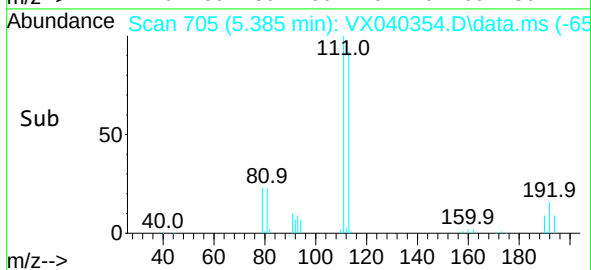
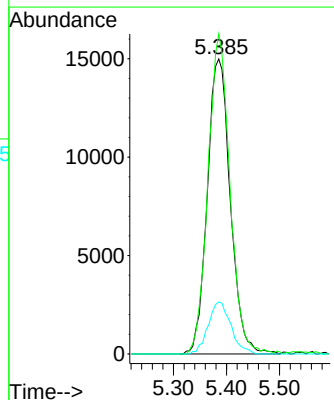
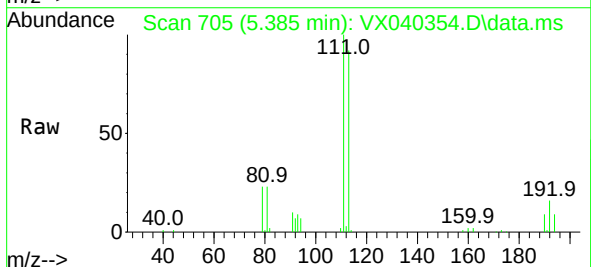
Instrument :
MSVOA_X
ClientSampleId :
FB020724

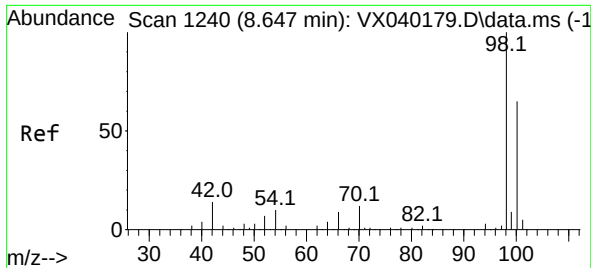
Tgt Ion:114 Resp: 138093
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

Tgt Ion:113 Resp: 45194
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.4 13.3 19.9

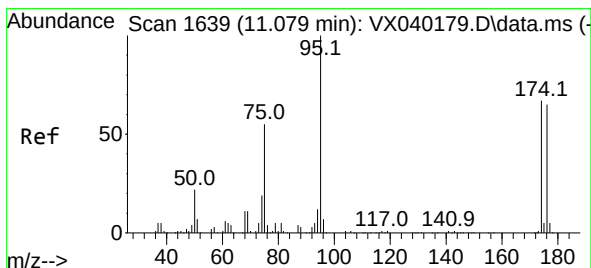
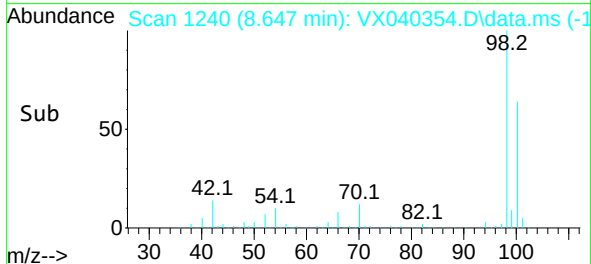
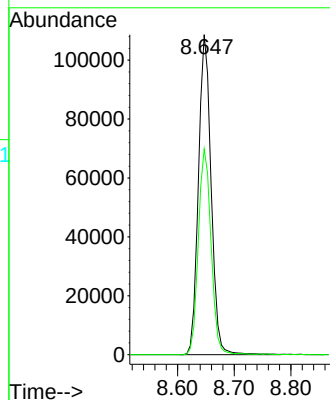
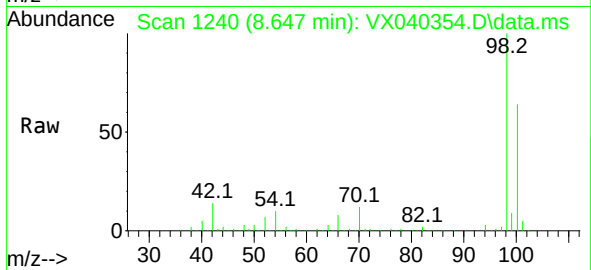




#50
Toluene-d8
Concen: 46.730 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

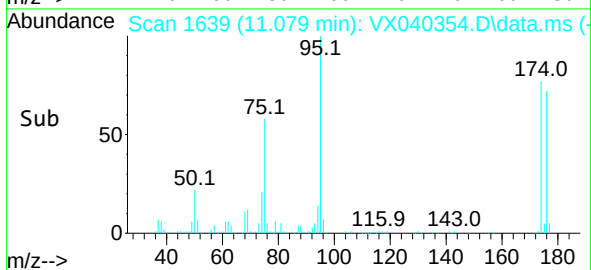
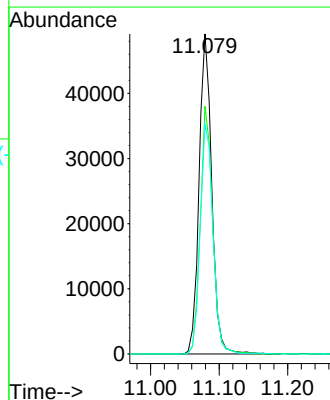
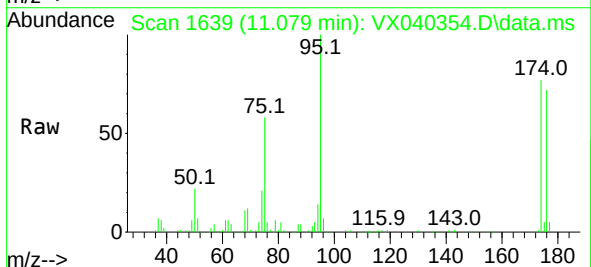
Instrument :
MSVOA_X
ClientSampleId :
FB020724

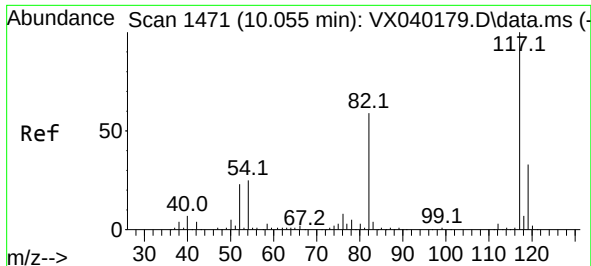
Tgt Ion: 98 Resp: 168576
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

Tgt Ion: 95 Resp: 63146
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 72.7 0.0 131.0

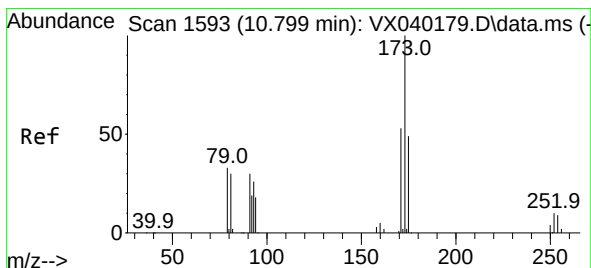
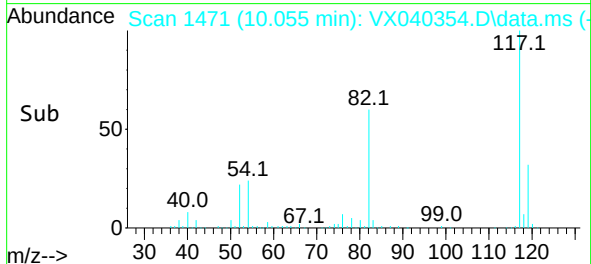
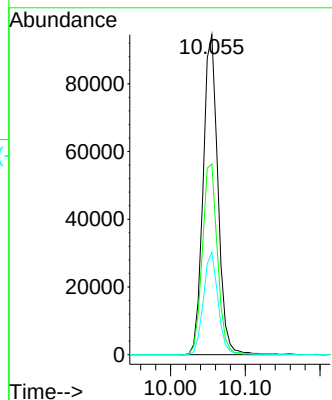
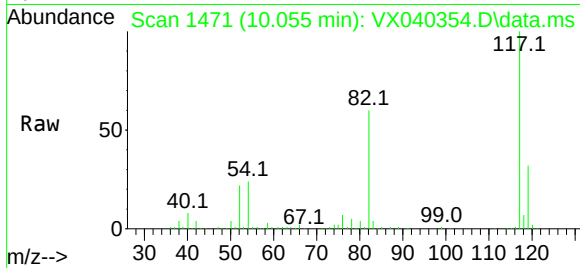




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

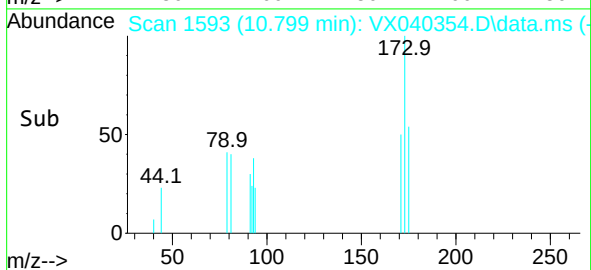
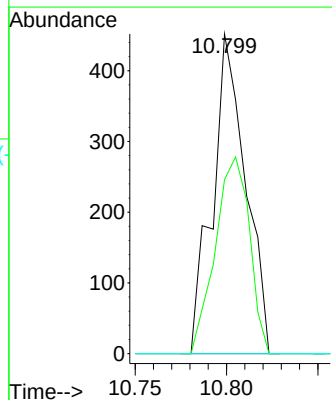
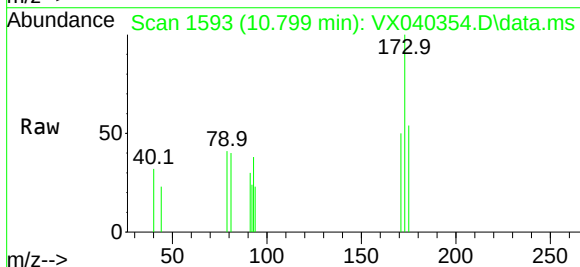
Instrument :
MSVOA_X
ClientSampleId :
FB020724

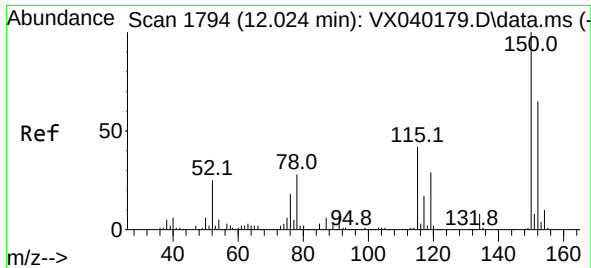
Tgt Ion:117 Resp: 130092
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.0 25.5 38.3



#71
Bromoform
Concen: 2.686 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040354.D
Acq: 20 Feb 2024 14:16

Tgt Ion:173 Resp: 569
Ion Ratio Lower Upper
173 100
175 63.4 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040354.D

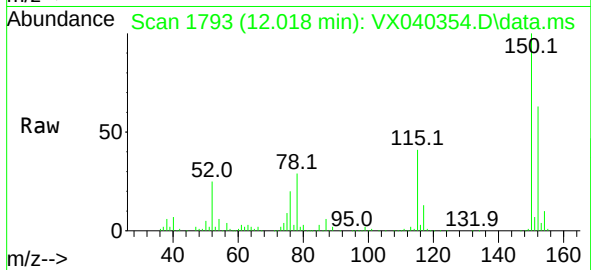
Acq: 20 Feb 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

FB020724



Tgt Ion:152 Resp: 65536

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 158.6 0.0 345.0

