

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040336.D
 Acq On : 19 Feb 2024 17:21
 Operator : JC/MD
 Sample : P1414-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB020724

Quant Time: Feb 20 01:19:11 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)

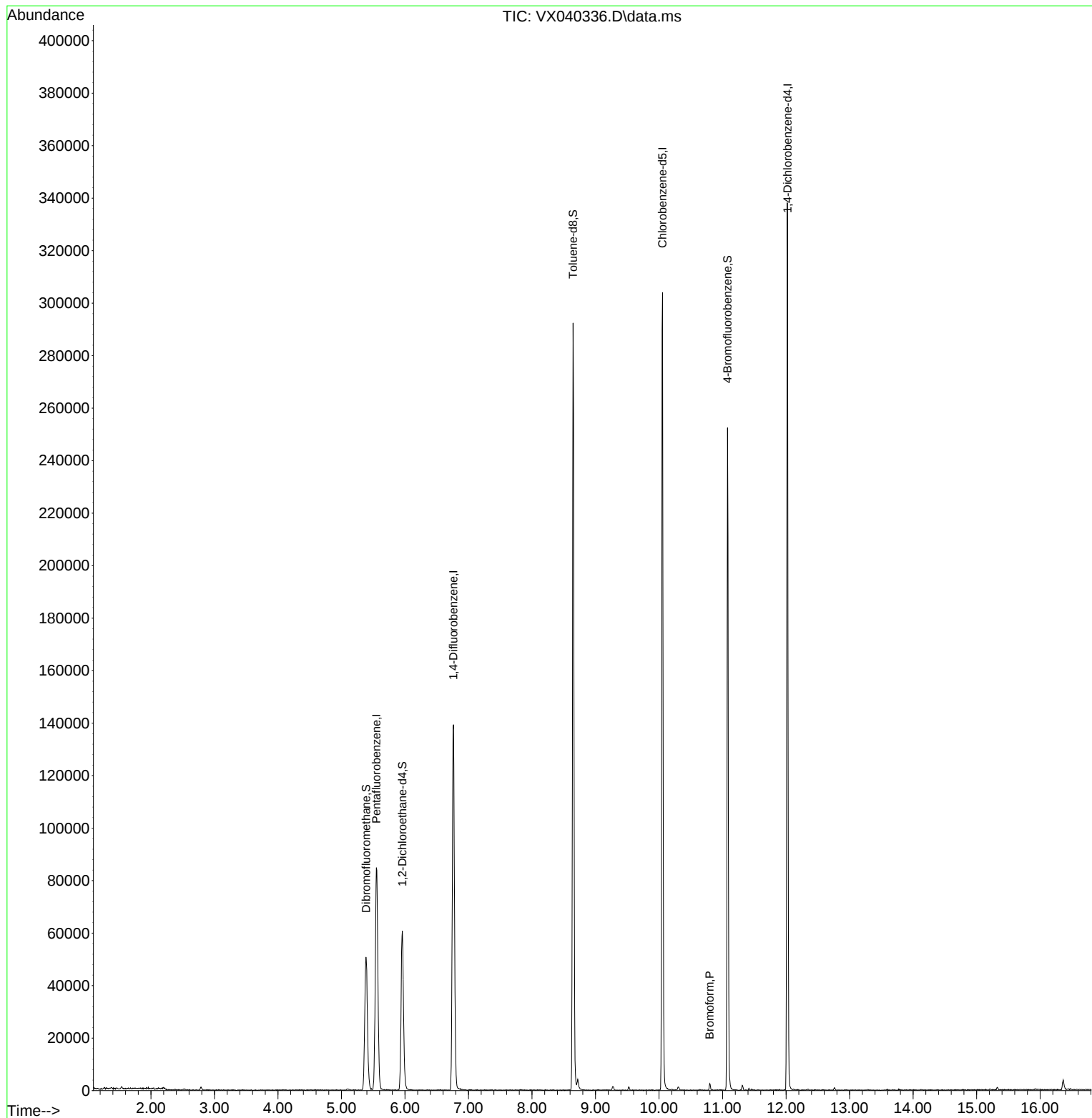
Internal Standards						
1) Pentafluorobenzene	5.550	168	77691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59011	51.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.120%
35) Dibromofluoromethane	5.385	113	45571	46.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.647	98	167216	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	65107	43.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.900%
Target Compounds						
71) Bromoform	10.799	173	907	3.034	ug/l	Qvalue # 97

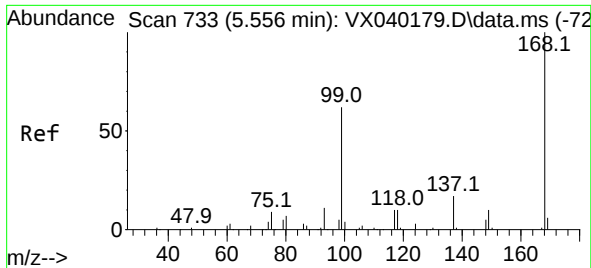
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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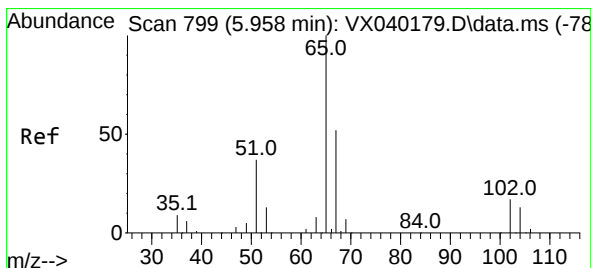
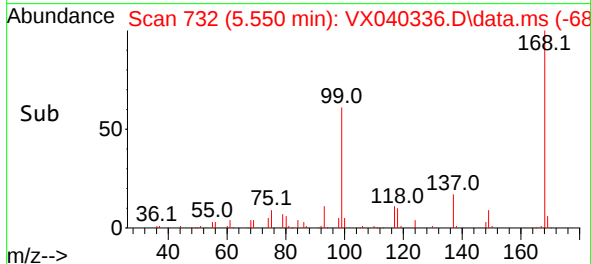
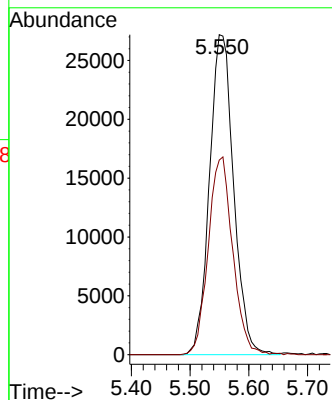
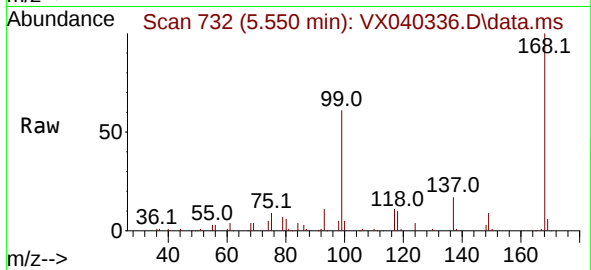




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

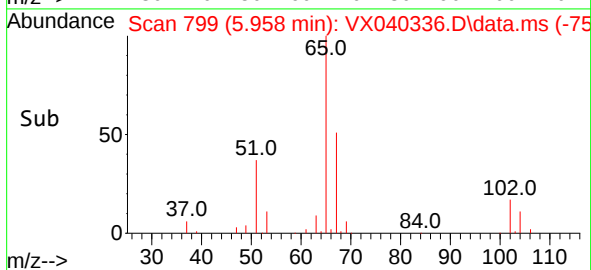
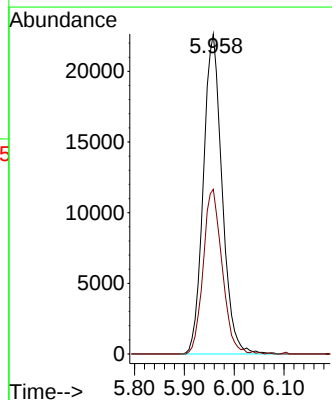
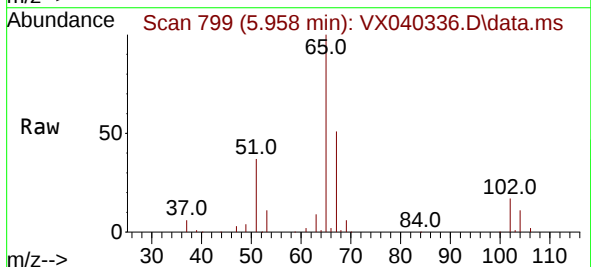
Instrument :
MSVOA_X
ClientSampleId :
FB020724

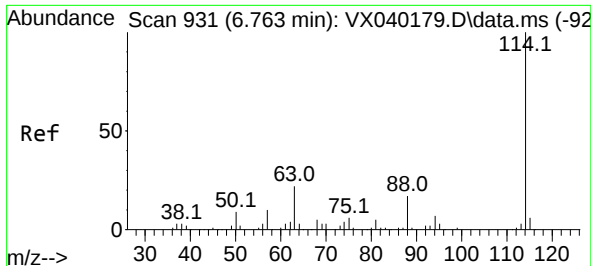
Tgt Ion:168 Resp: 77691
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 51.056 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

Tgt Ion: 65 Resp: 59011
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

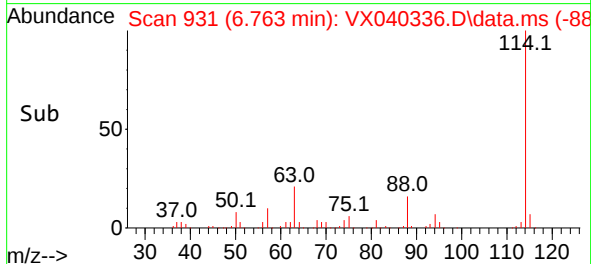
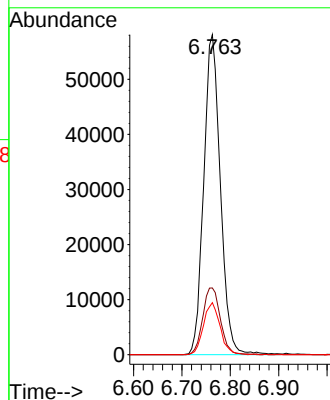
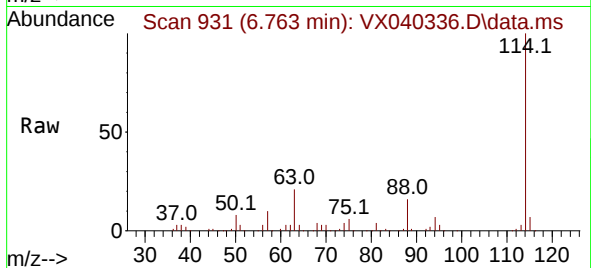




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

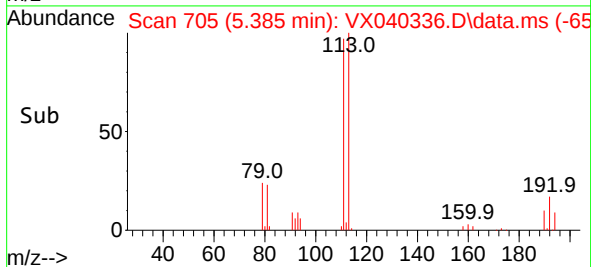
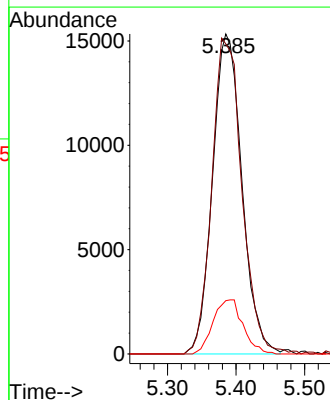
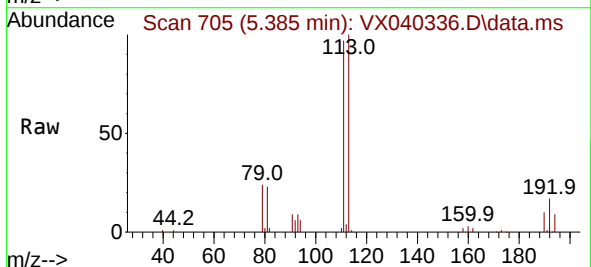
Instrument :
MSVOA_X
ClientSampleId :
FB020724

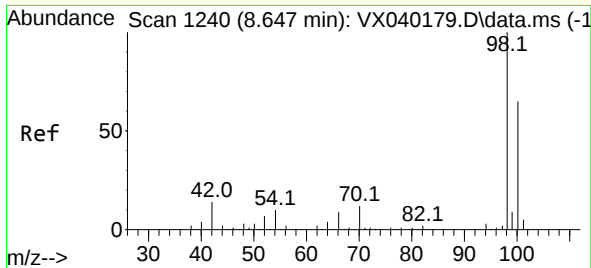
Tgt Ion:114 Resp: 139061
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.926 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

Tgt Ion:113 Resp: 45571
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 17.3 13.3 19.9

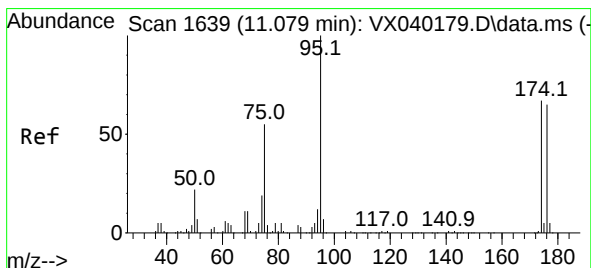
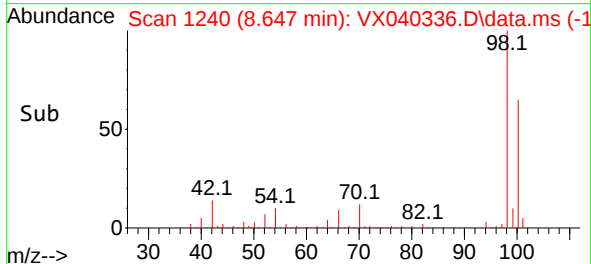
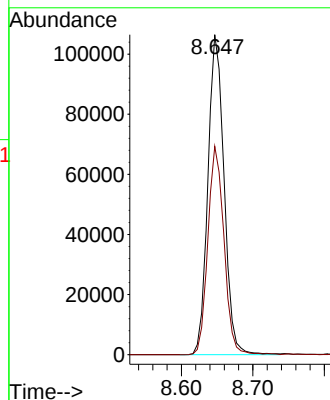
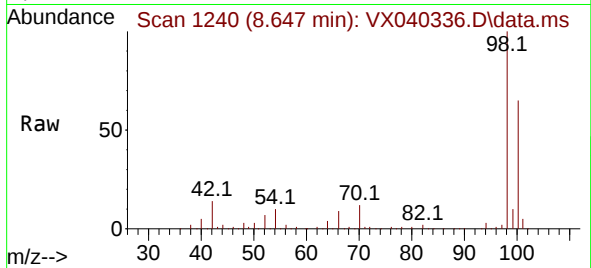




#50
Toluene-d8
Concen: 46.031 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

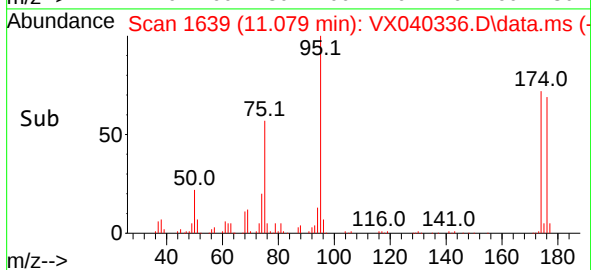
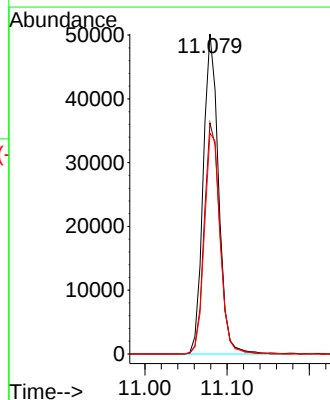
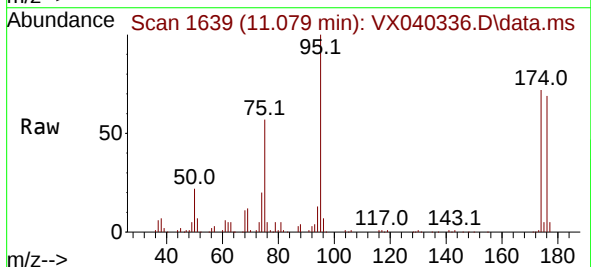
Instrument :
MSVOA_X
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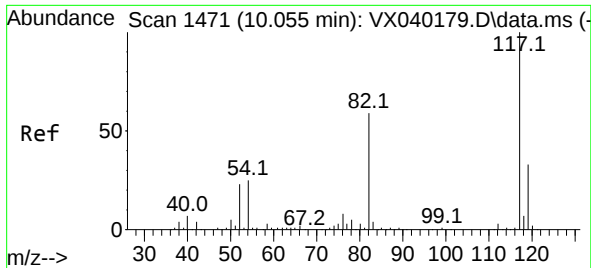
Tgt Ion: 98 Resp: 167216
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

Tgt Ion: 95 Resp: 65107
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.8 0.0 131.0

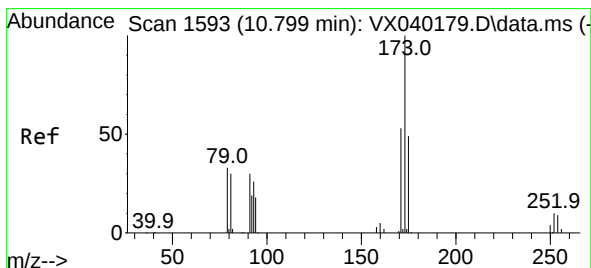
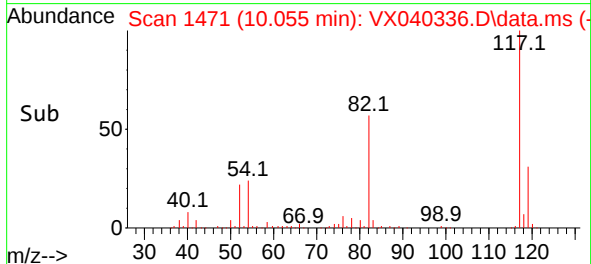
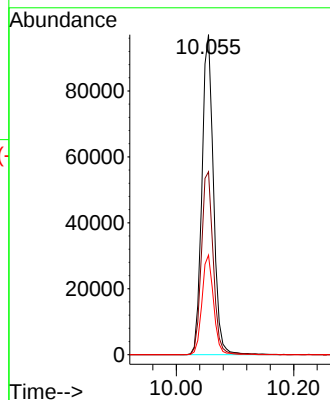
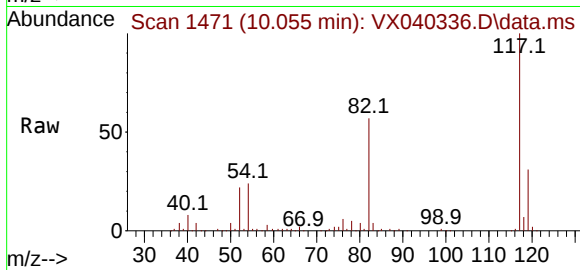




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

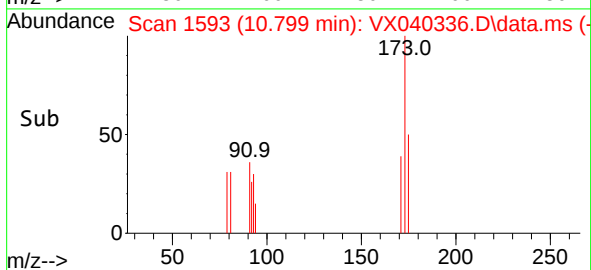
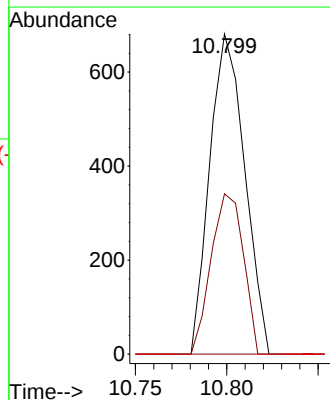
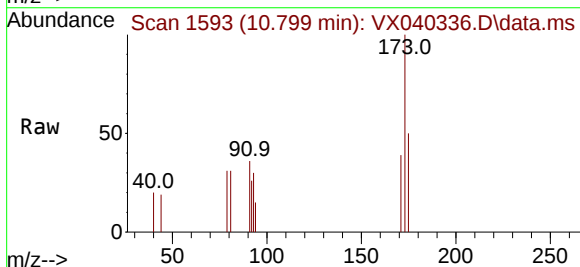
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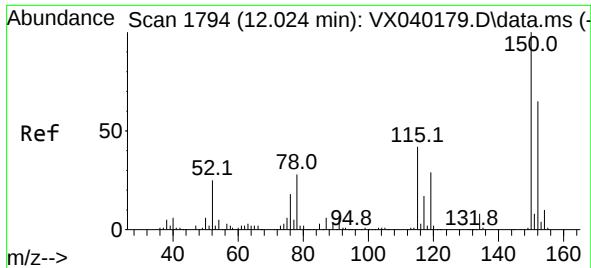
Tgt Ion:117 Resp: 132261
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.1 25.5 38.3



#71
Bromoform
Concen: 3.034 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040336.D
Acq: 19 Feb 2024 17:21

Tgt Ion:173 Resp: 907
Ion Ratio Lower Upper
173 100
175 46.2 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040336.D

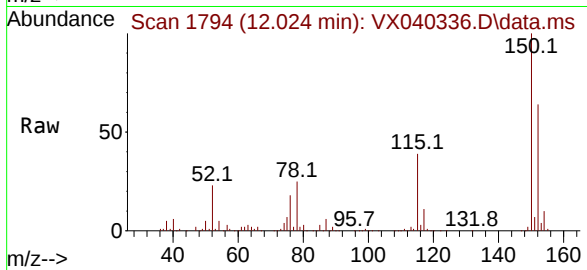
Acq: 19 Feb 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

FB020724



Tgt Ion:152 Resp: 67157

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 157.4 0.0 345.0

