

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040292.D
 Acq On : 17 Feb 2024 11:18
 Operator : JC/MD
 Sample : VX0217WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBL01

Quant Time: Feb 19 03:53:41 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)

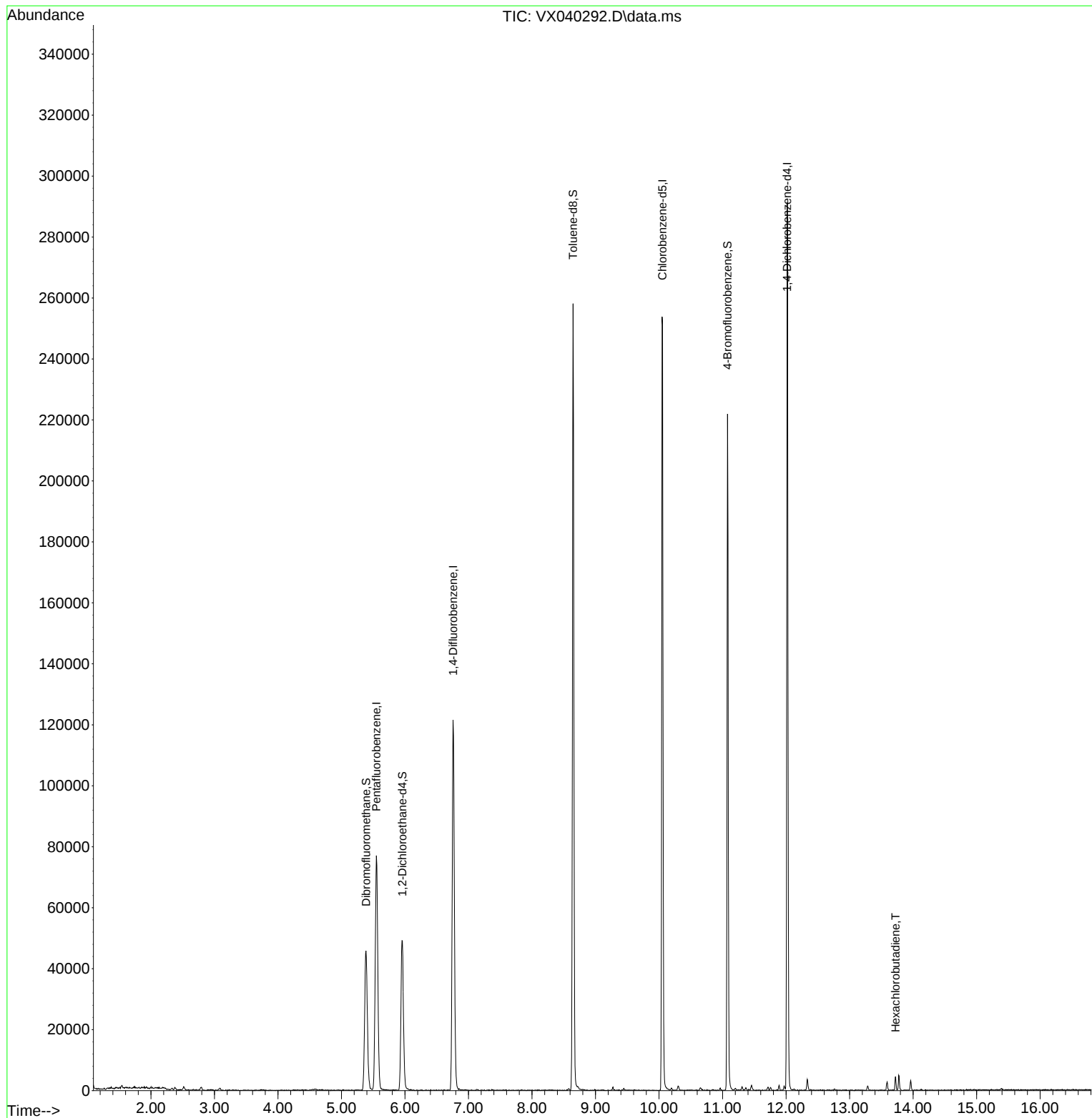
Internal Standards						
1) Pentafluorobenzene	5.550	168	70899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49741	47.158	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.320%
35) Dibromofluoromethane	5.385	113	41154	47.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	149382	46.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.080%
62) 4-Bromofluorobenzene	11.079	95	58358	44.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.160%
Target Compounds						
94) Hexachlorobutadiene	13.725	225	700	1.359	ug/l	Qvalue 95

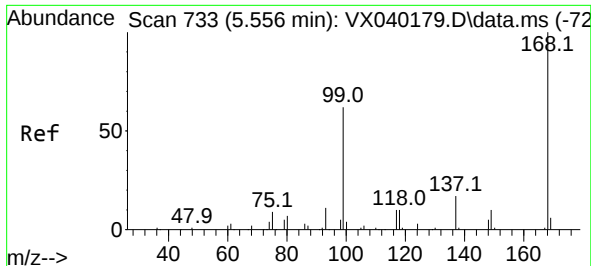
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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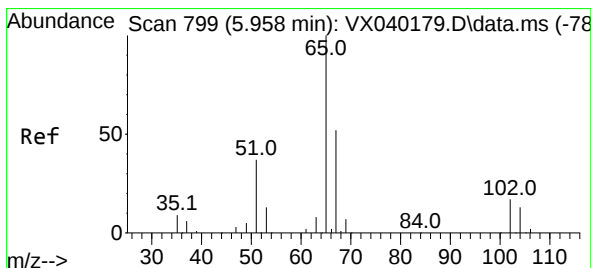
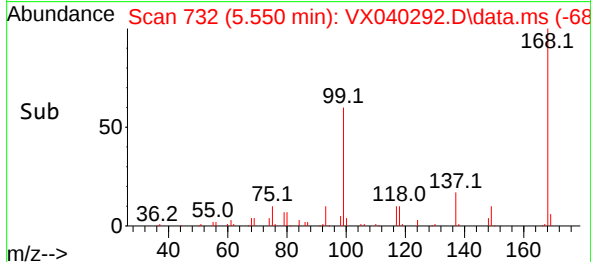
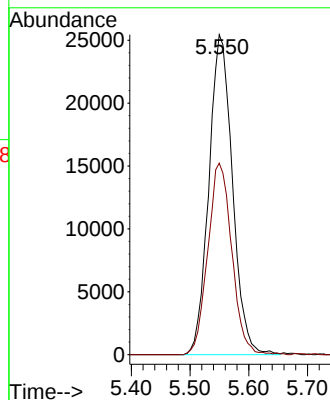
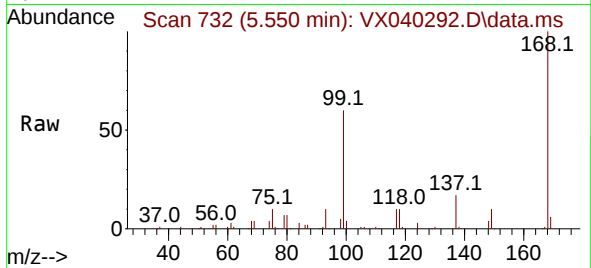




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

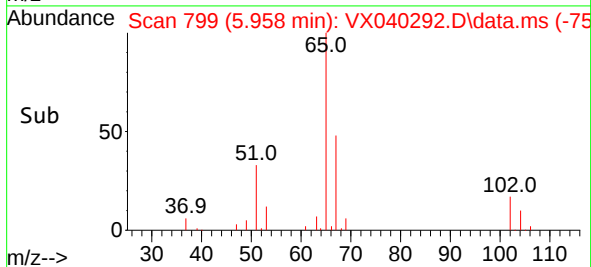
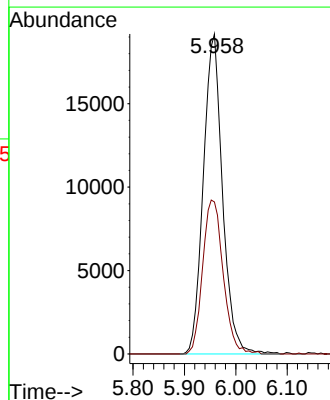
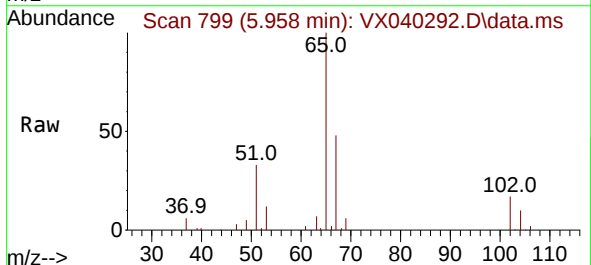
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

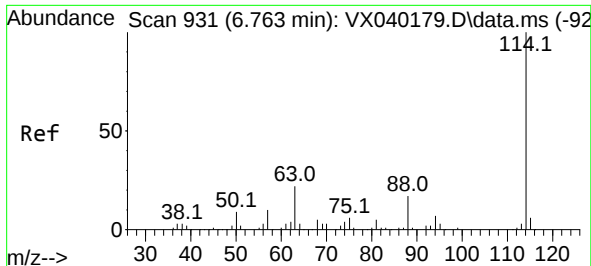
Tgt Ion:168 Resp: 70899
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.158 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

Tgt Ion: 65 Resp: 49741
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040292.D

Acq: 17 Feb 2024 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX0217WBL01

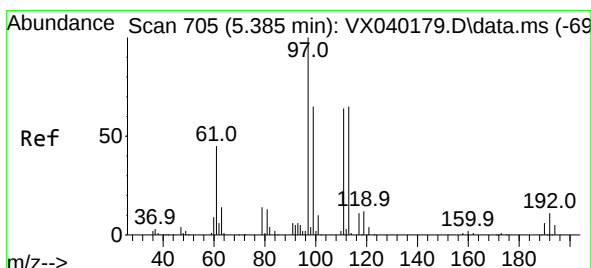
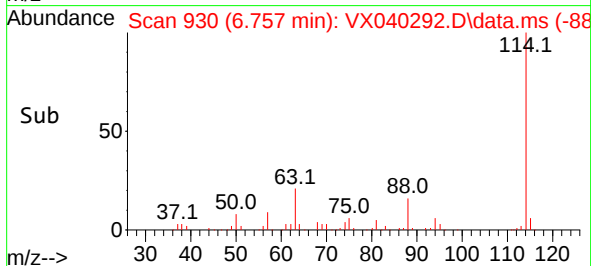
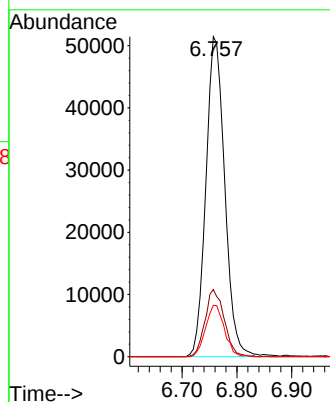
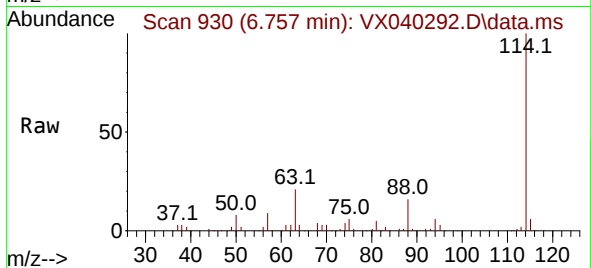
Tgt Ion:114 Resp: 122881

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 16.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.958 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040292.D

Acq: 17 Feb 2024 11:18

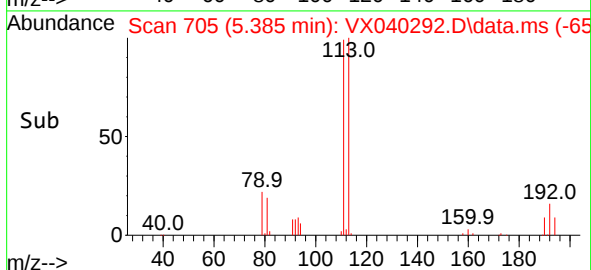
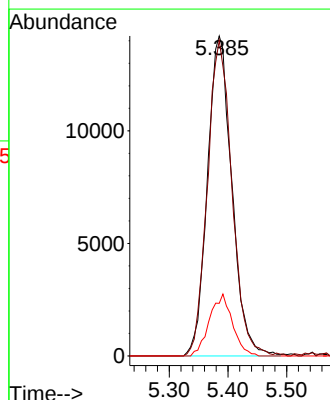
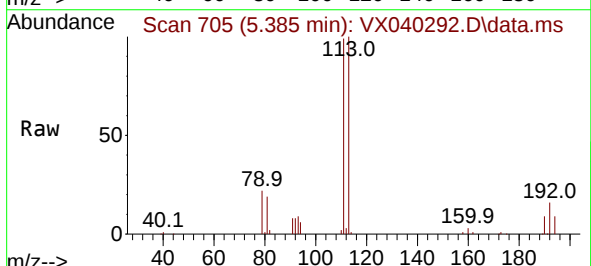
Tgt Ion:113 Resp: 41154

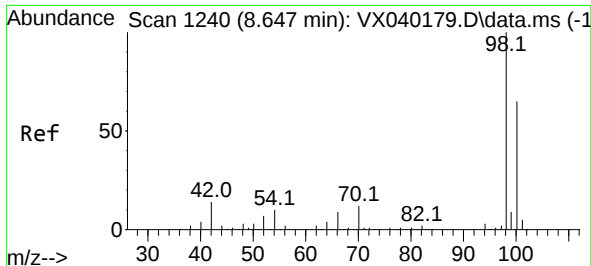
Ion Ratio Lower Upper

113 100

111 98.9 82.9 124.3

192 18.2 13.3 19.9

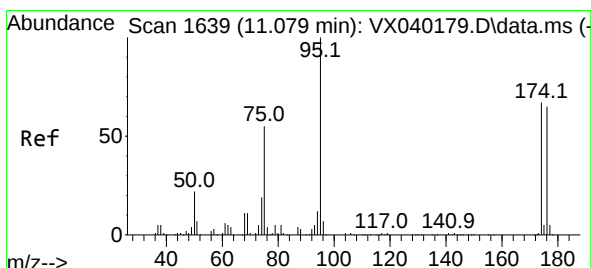
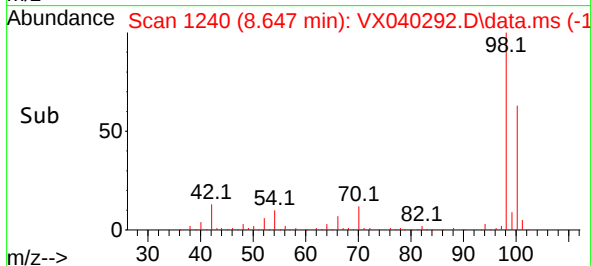
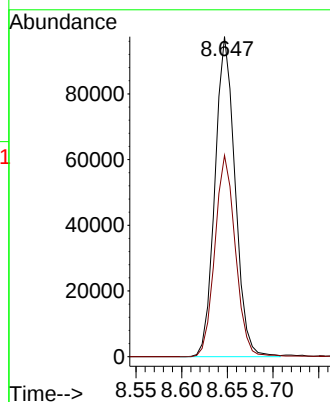
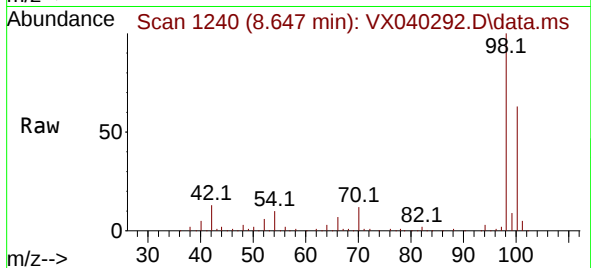




#50
Toluene-d8
Concen: 46.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

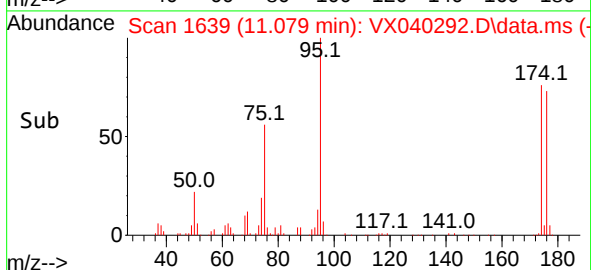
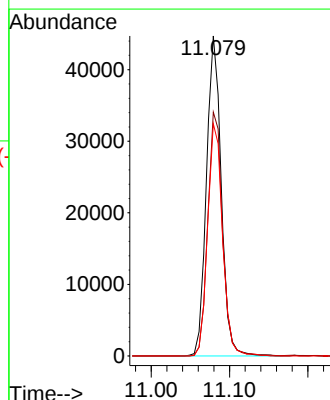
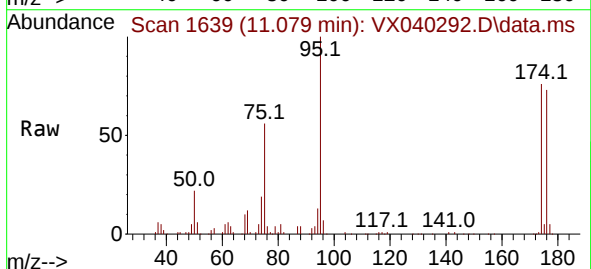
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

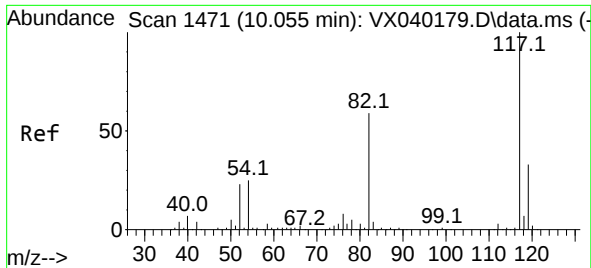
Tgt Ion: 98 Resp: 149382
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

Tgt Ion: 95 Resp: 58358
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 73.3 0.0 131.0

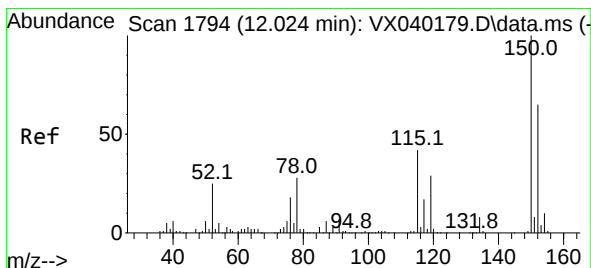
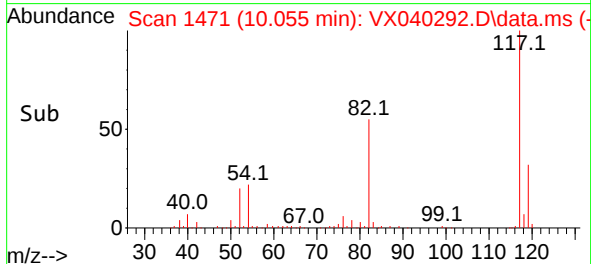
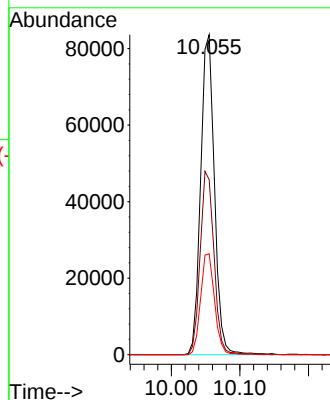
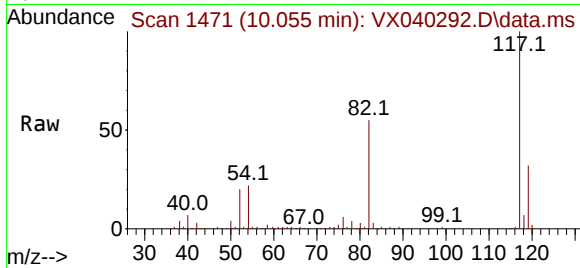




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

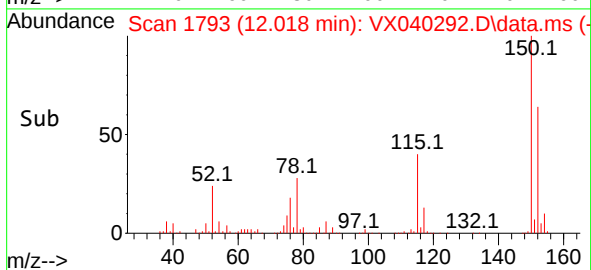
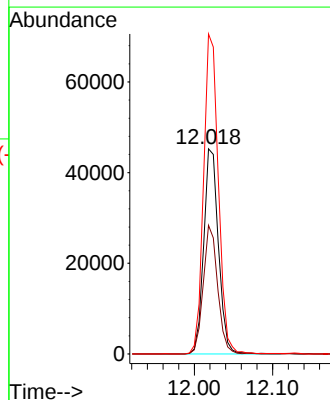
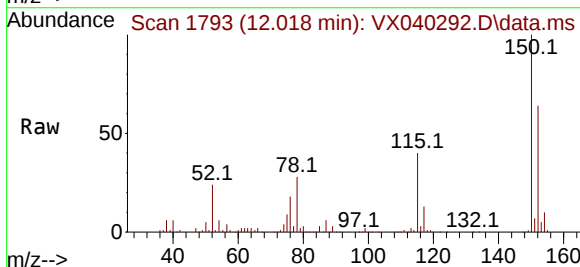
Instrument :
MSVOA_X
ClientSampleId :
VX0217WBL01

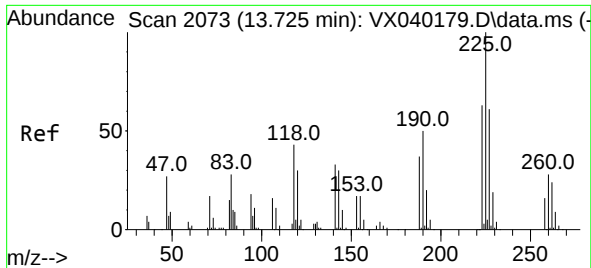
Tgt Ion:117 Resp: 117663
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040292.D
Acq: 17 Feb 2024 11:18

Tgt Ion:152 Resp: 59058
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.2 0.0 345.0





#94
 Hexachlorobutadiene
 Concen: 1.359 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX040292.D
 Acq: 17 Feb 2024 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBL01

Tgt Ion:	225	Resp:	700
Ion	Ratio	Lower	Upper
225	100		
223	68.3	31.1	93.2
227	66.0	32.5	97.5

