

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037800.D
 Acq On : 19 Sep 2023 12:57
 Operator : JC/MD
 Sample : 04465-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWC

Quant Time: Sep 20 01:01:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

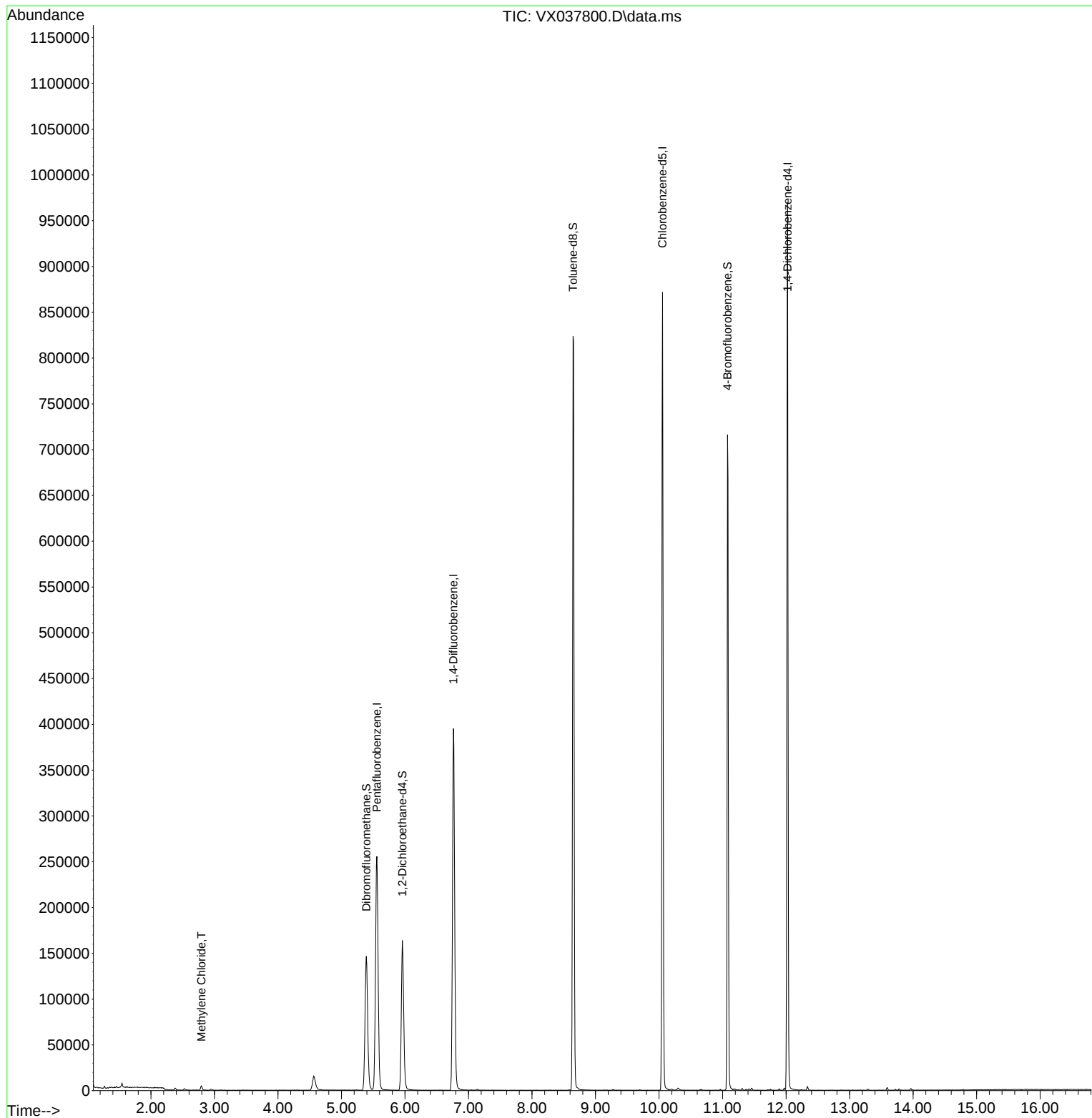
Internal Standards						
1) Pentafluorobenzene	5.556	168	246838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148592	45.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.640%
35) Dibromofluoromethane	5.391	113	127352	45.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	507492	49.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	192664	51.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.840%
Target Compounds						
20) Methylene Chloride	2.794	84	2387	0.803	ug/l	# 81

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

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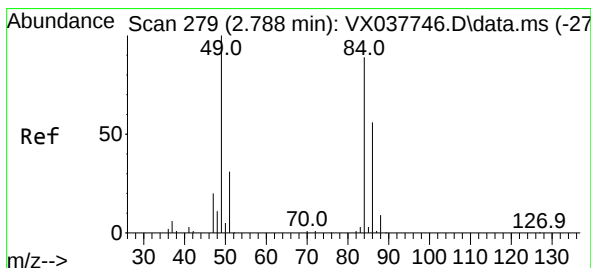
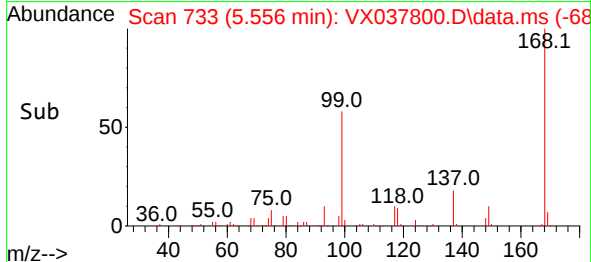
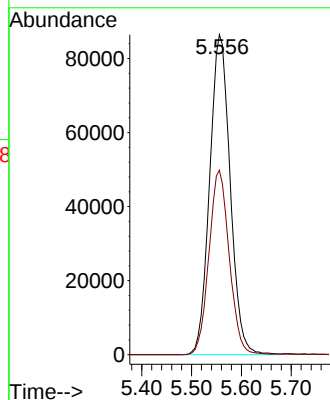
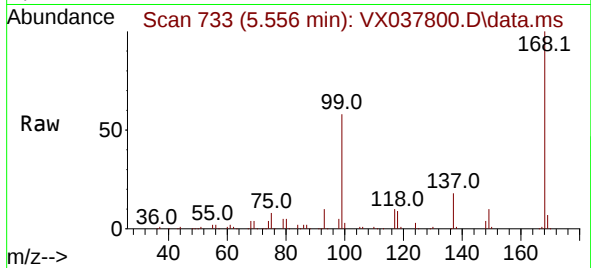




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

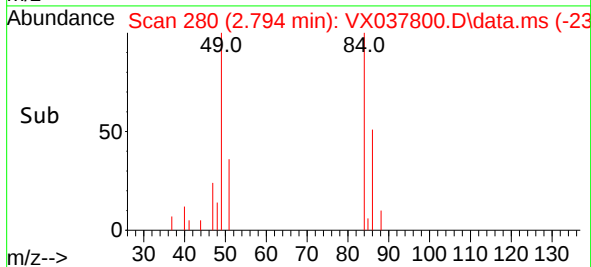
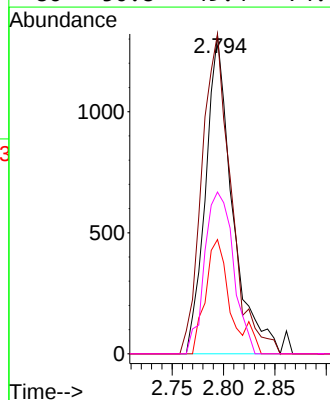
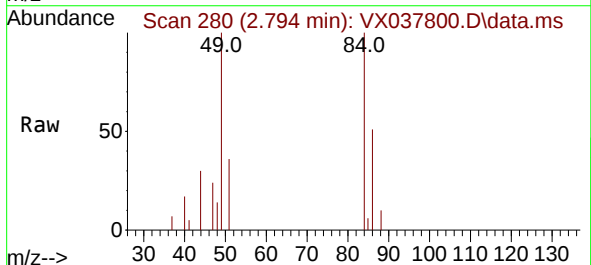
Instrument :
MSVOA_X
ClientSampleId :
MWC

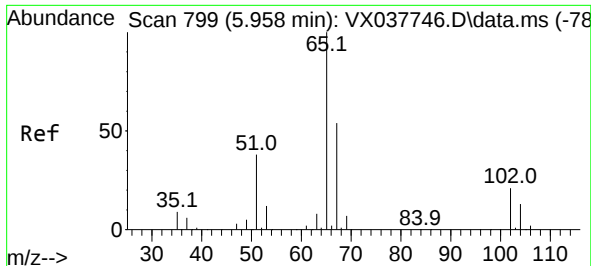
Tgt Ion:168 Resp: 246838
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#20
Methylene Chloride
Concen: 0.803 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 84 Resp: 2387
Ion Ratio Lower Upper
84 100
49 100.4 103.6 155.4#
51 35.9 33.8 50.6
86 50.8 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 45.818 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037800.D

Acq: 19 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

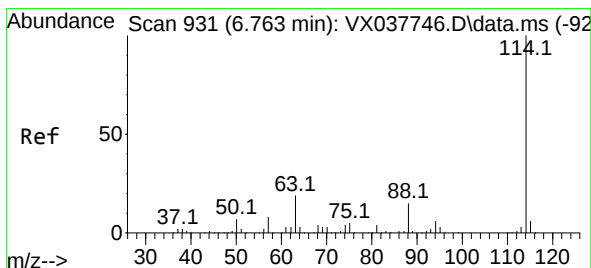
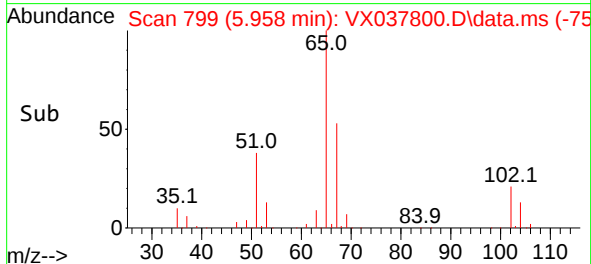
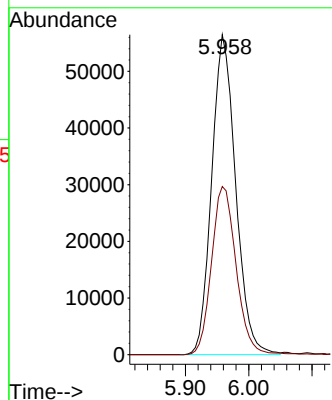
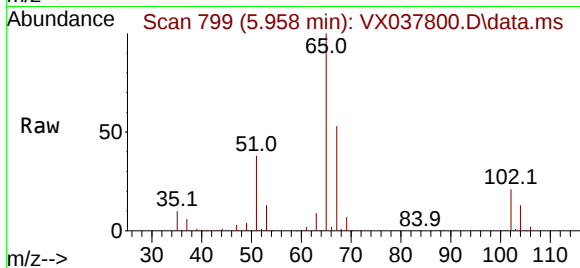
MWC

Tgt Ion: 65 Resp: 148592

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037800.D

Acq: 19 Sep 2023 12:57

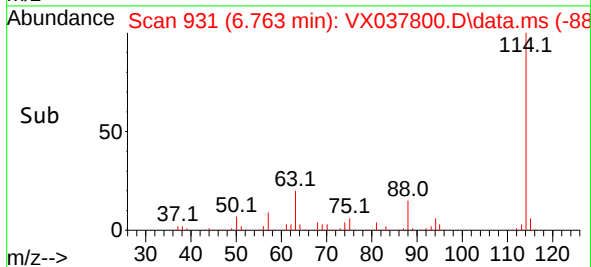
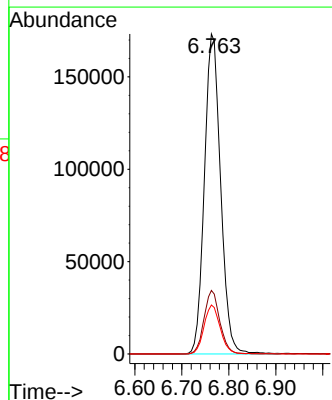
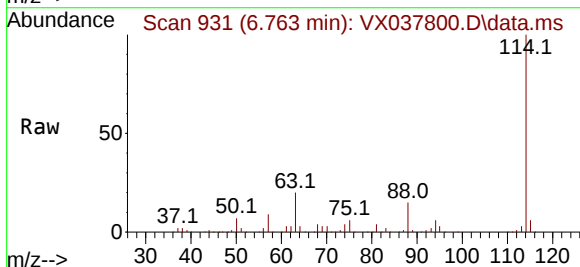
Tgt Ion: 114 Resp: 414755

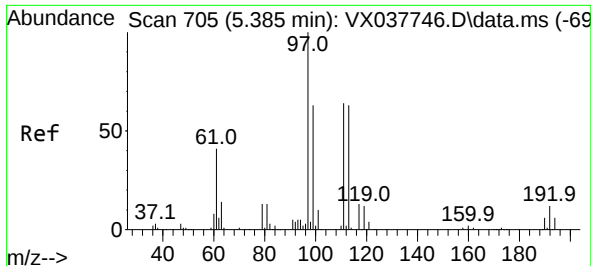
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.3 0.0 36.6

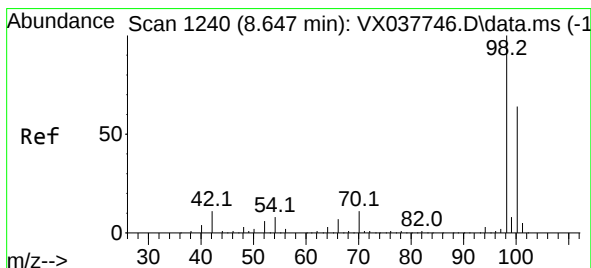
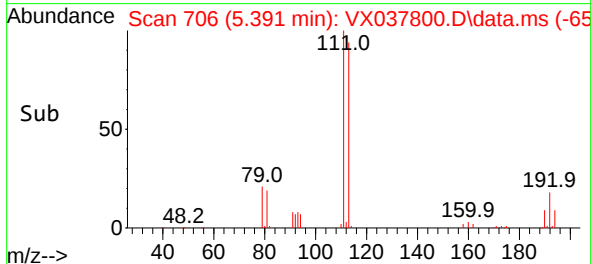
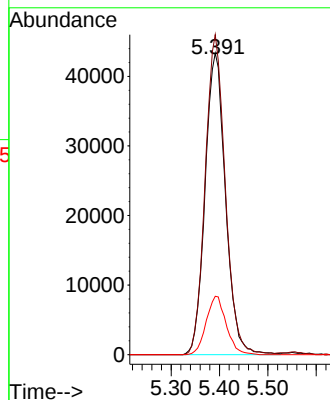
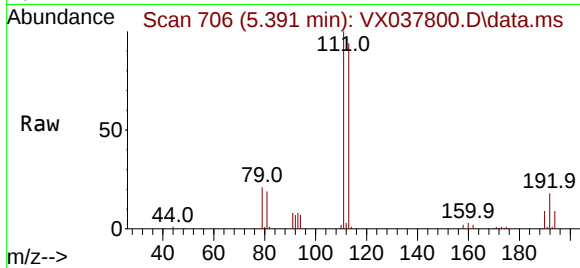




#35
 Dibromofluoromethane
 Concen: 45.890 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX037800.D
 Acq: 19 Sep 2023 12:57

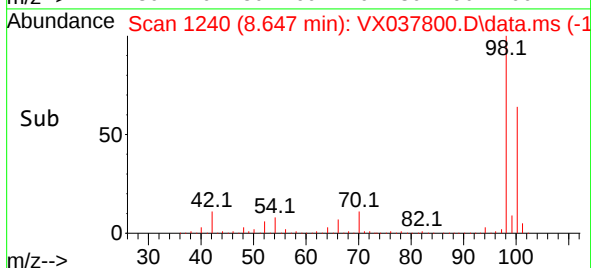
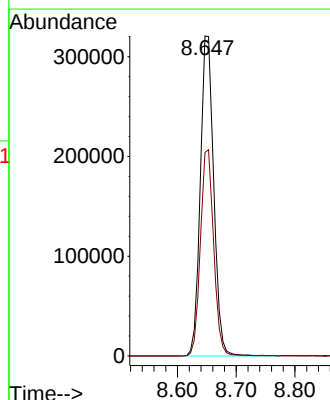
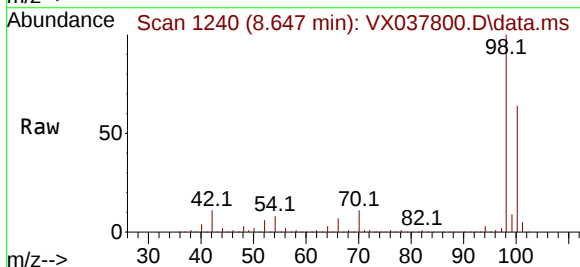
Instrument :
 MSVOA_X
 ClientSampleId :
 MWC

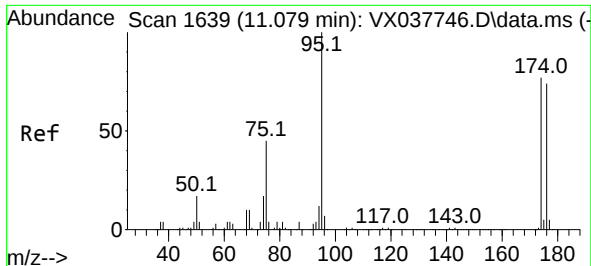
Tgt Ion:113 Resp: 127352
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 19.0 13.3 19.9



#50
 Toluene-d8
 Concen: 49.217 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037800.D
 Acq: 19 Sep 2023 12:57

Tgt Ion: 98 Resp: 507492
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.419 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037800.D

Acq: 19 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

MWC

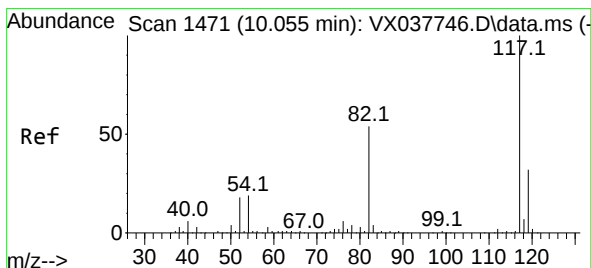
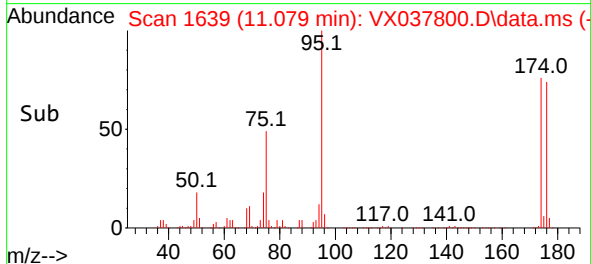
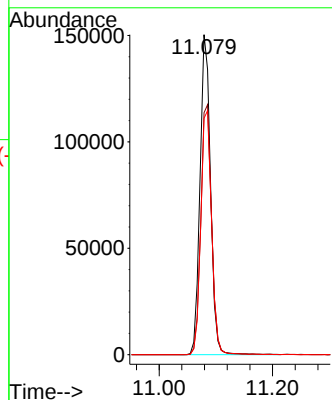
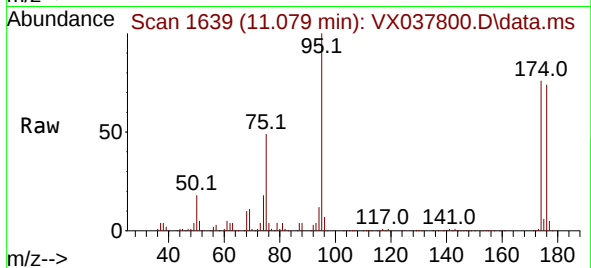
Tgt Ion: 95 Resp: 192664

Ion Ratio Lower Upper

95 100

174 79.9 0.0 135.6

176 78.7 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: VX037800.D

Acq: 19 Sep 2023 12:57

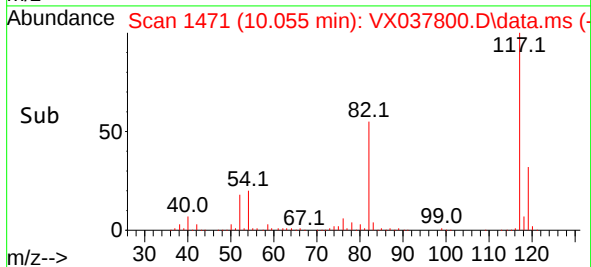
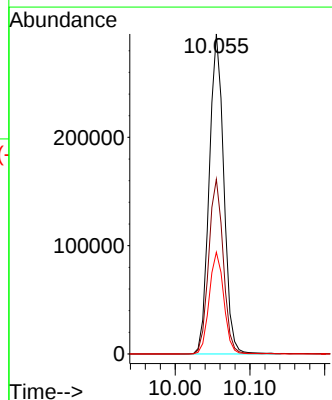
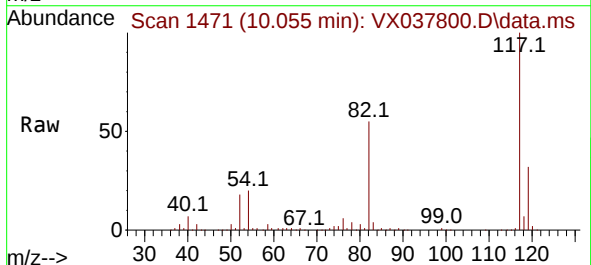
Tgt Ion: 117 Resp: 400468

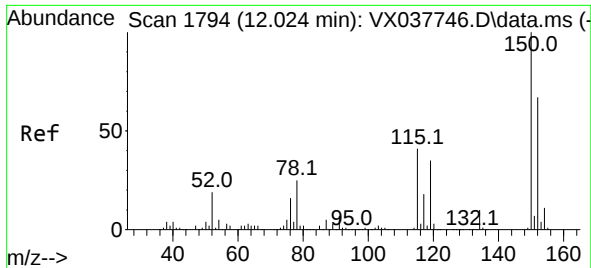
Ion Ratio Lower Upper

117 100

82 54.6 46.2 69.4

119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037800.D

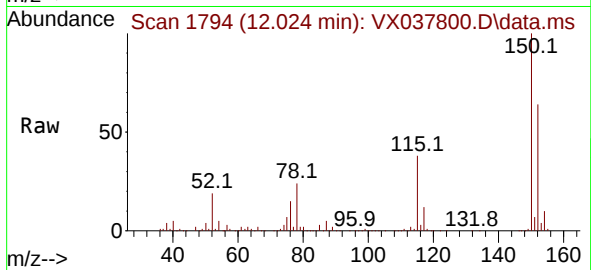
Acq: 19 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

MWC



Tgt Ion:152 Resp: 205597

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.5 0.0 345.0

