

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037907.D
 Acq On : 26 Sep 2023 14:20
 Operator : JC/MD
 Sample : 04590-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-1

Quant Time: Sep 27 01:15:24 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)

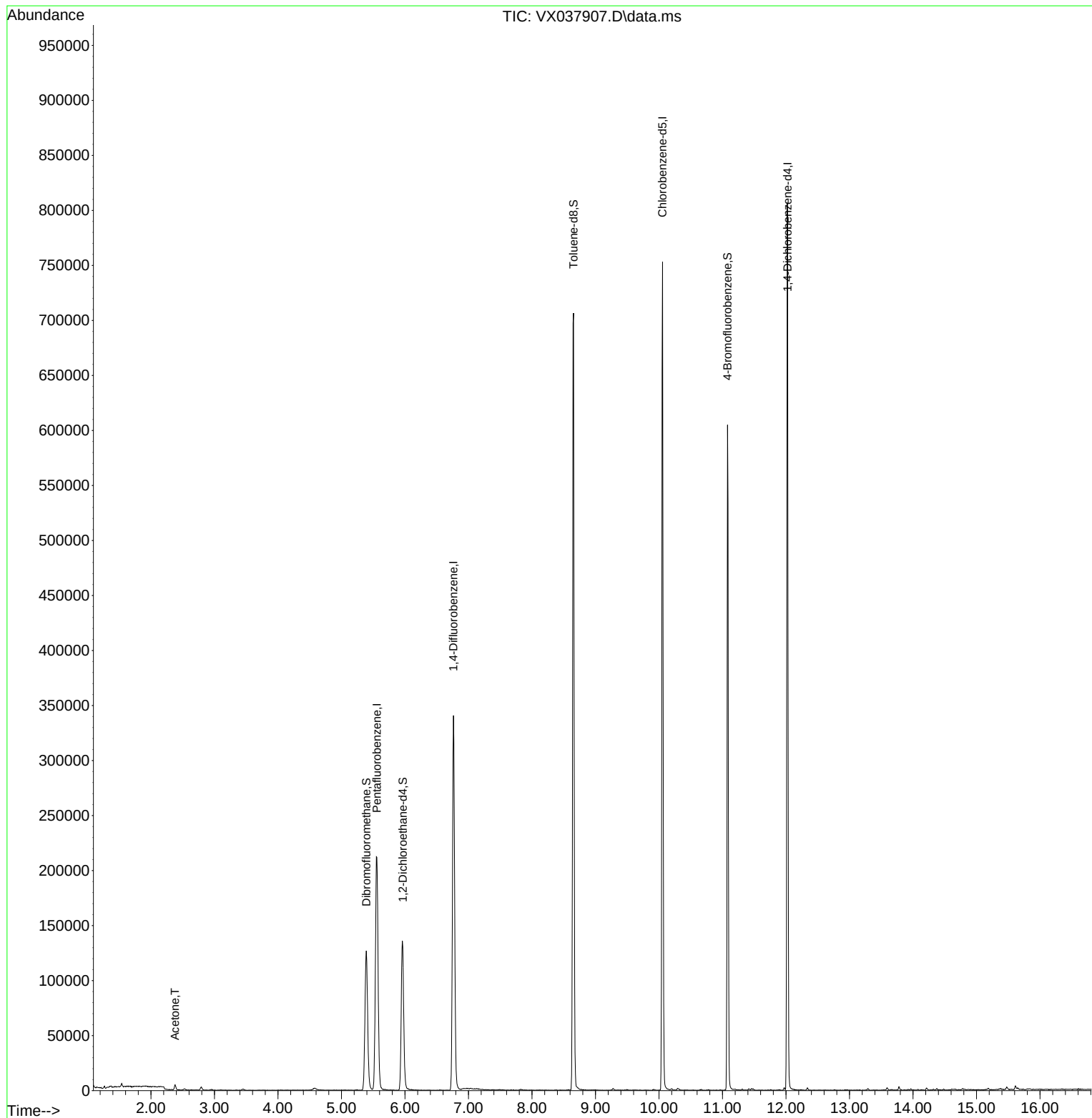
Internal Standards						
1) Pentafluorobenzene	5.556	168	209609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130768	47.484	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.960%
35) Dibromofluoromethane	5.391	113	111783	46.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.653	98	435646	49.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	157312	48.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.880%
Target Compounds						
16) Acetone	2.380	43	5170	3.902	ug/l	# 73

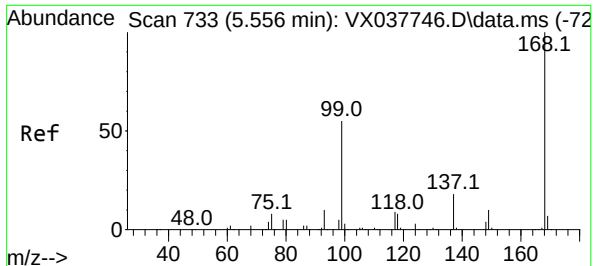
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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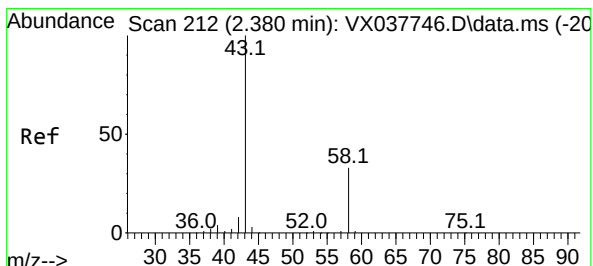
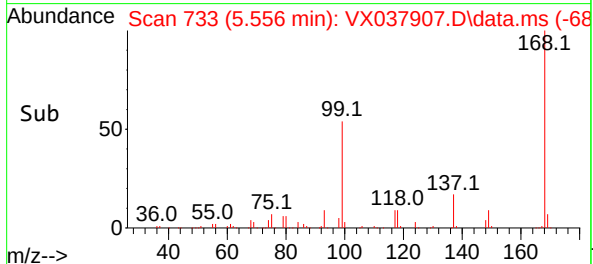
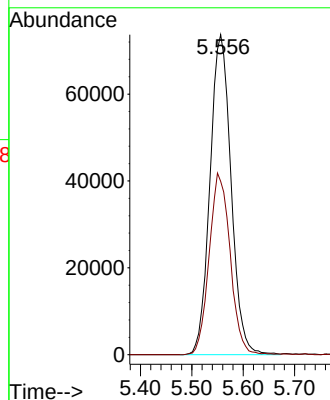
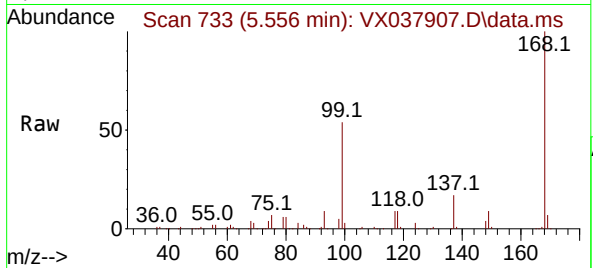




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

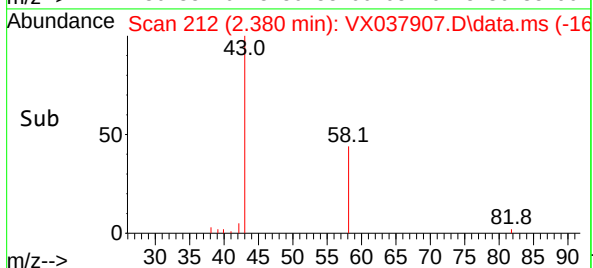
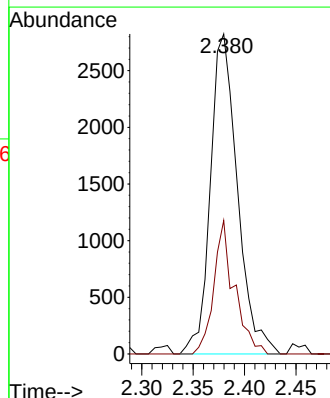
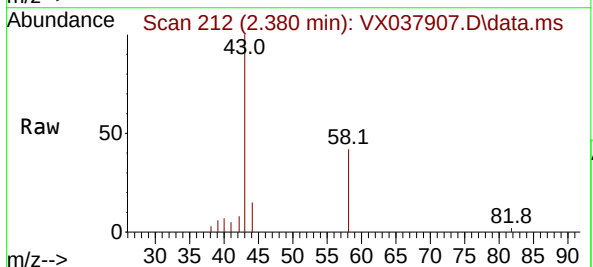
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-1

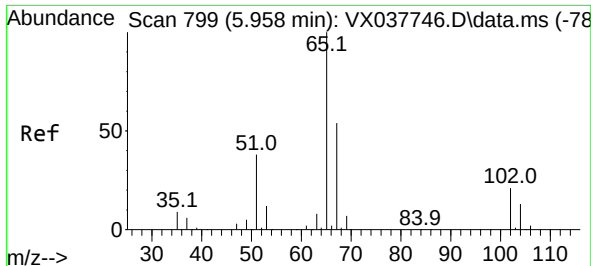
Tgt Ion:168 Resp: 209609
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#16
Acetone
Concen: 3.902 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 43 Resp: 5170
Ion Ratio Lower Upper
43 100
58 41.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 47.484 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

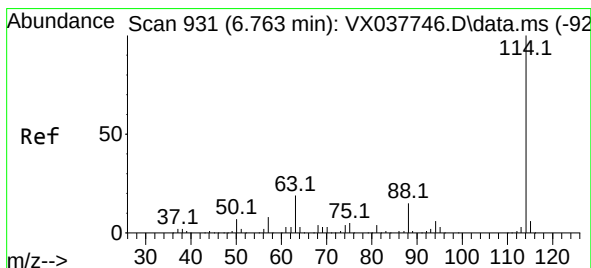
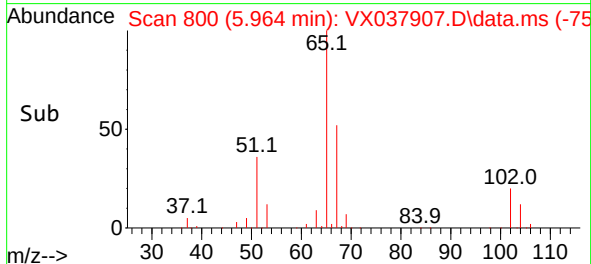
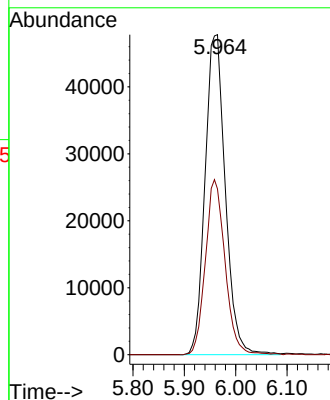
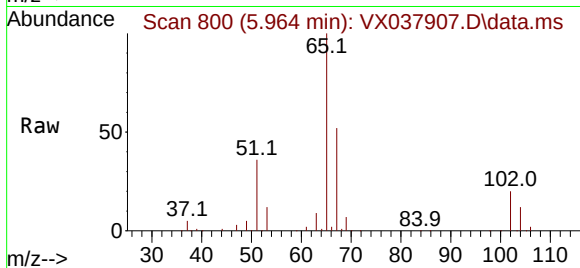
SAMPLE-1

Tgt Ion: 65 Resp: 130768

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037907.D

Acq: 26 Sep 2023 14:20

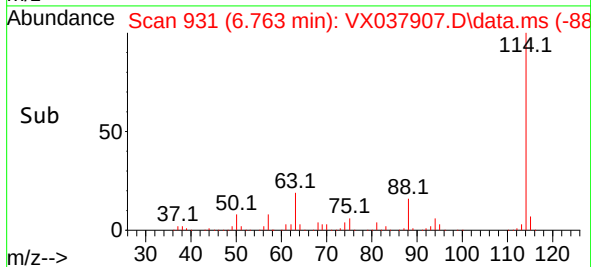
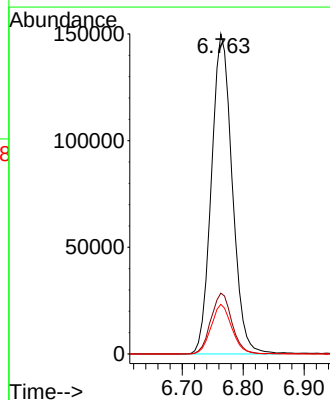
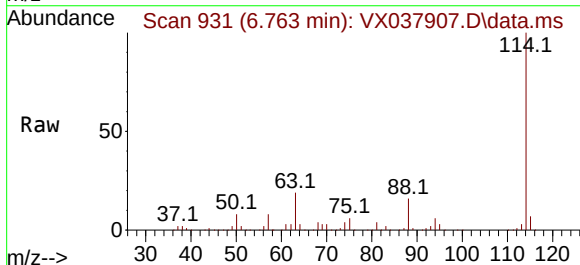
Tgt Ion: 114 Resp: 355834

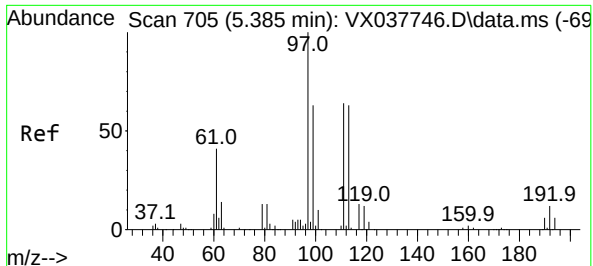
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.5 0.0 36.6

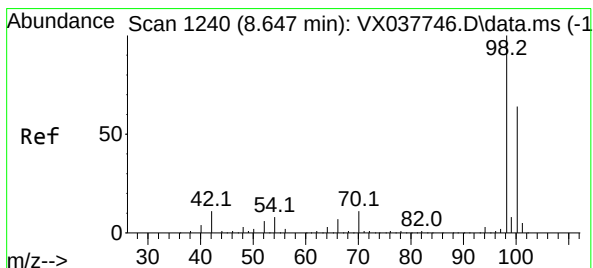
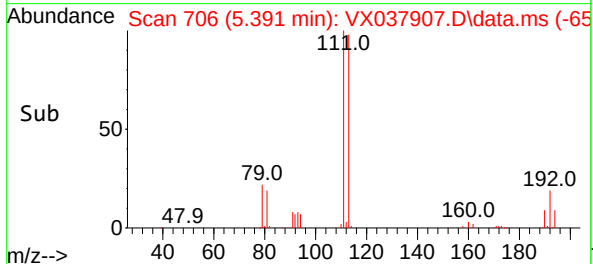
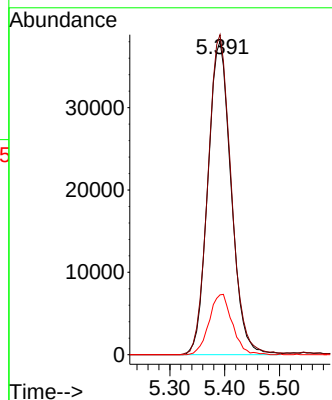
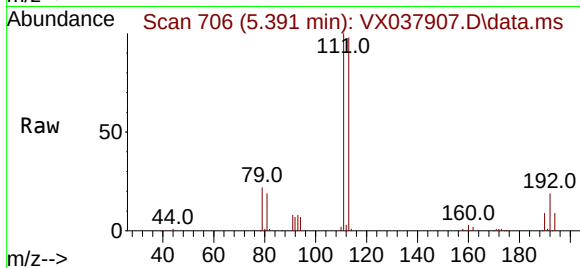




#35
Dibromofluoromethane
Concen: 46.950 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

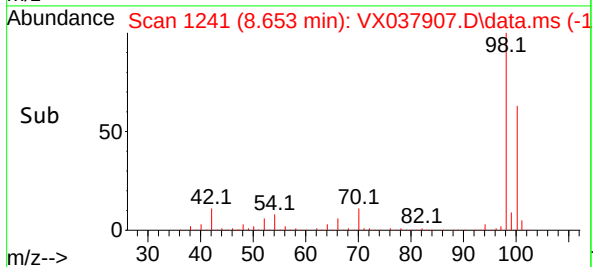
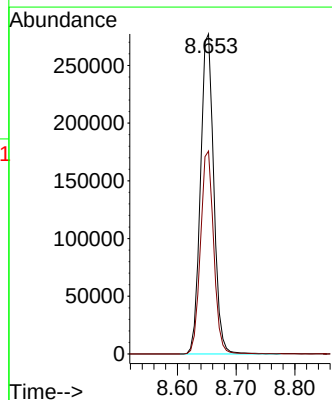
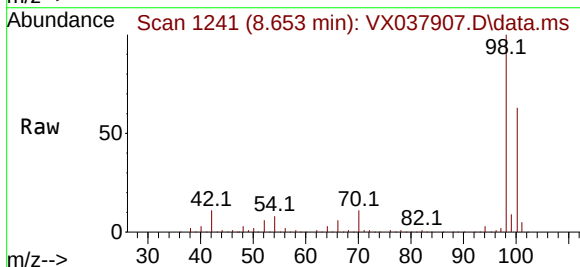
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-1

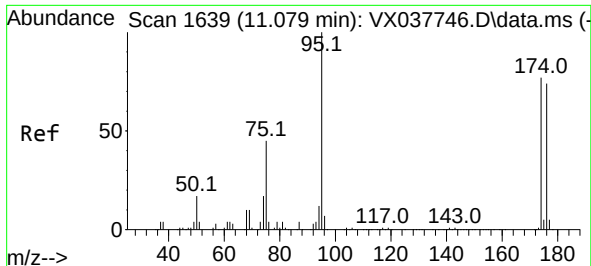
Tgt Ion:113 Resp: 111783
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.2 13.3 19.9



#50
Toluene-d8
Concen: 49.245 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037907.D
Acq: 26 Sep 2023 14:20

Tgt Ion: 98 Resp: 435646
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.936 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037907.D

Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-1

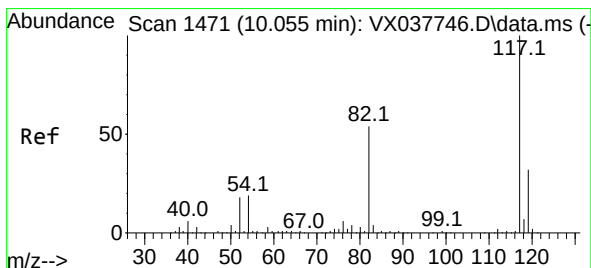
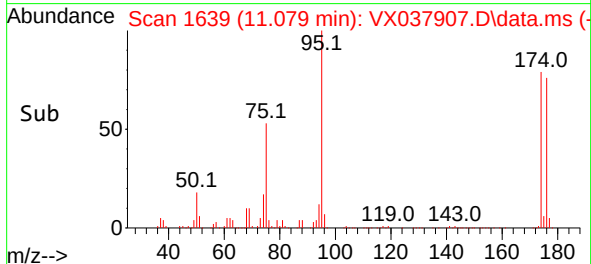
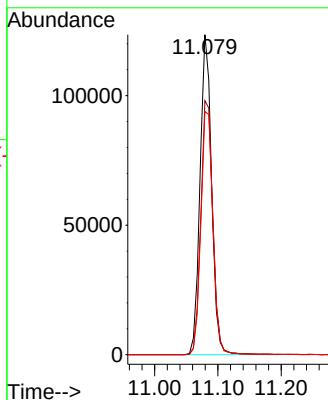
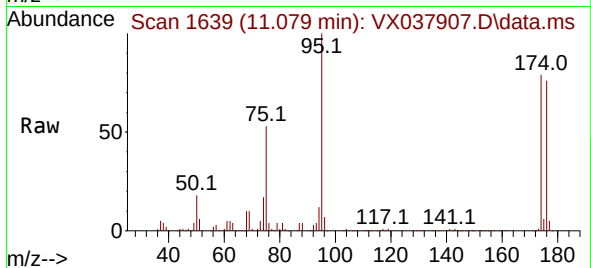
Tgt Ion: 95 Resp: 157312

Ion Ratio Lower Upper

95 100

174 82.9 0.0 135.6

176 79.8 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: VX037907.D

Acq: 26 Sep 2023 14:20

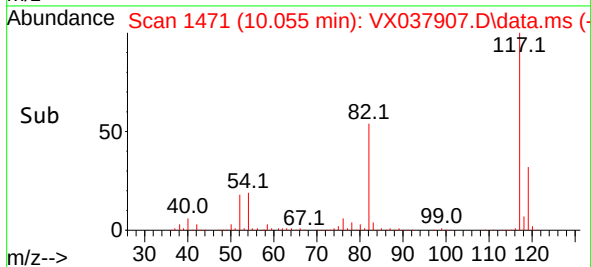
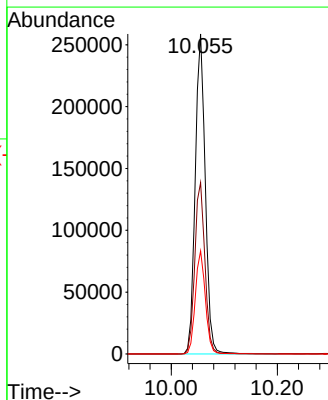
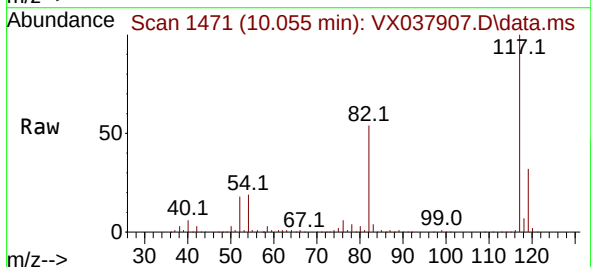
Tgt Ion: 117 Resp: 341098

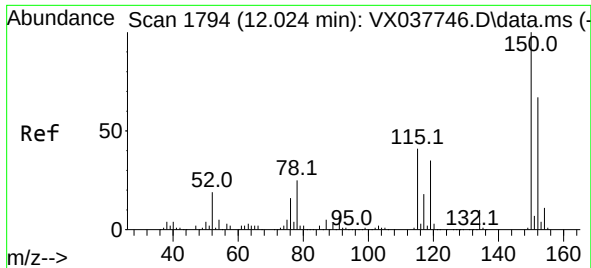
Ion Ratio Lower Upper

117 100

82 53.6 46.2 69.4

119 32.2 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: VX037907.D

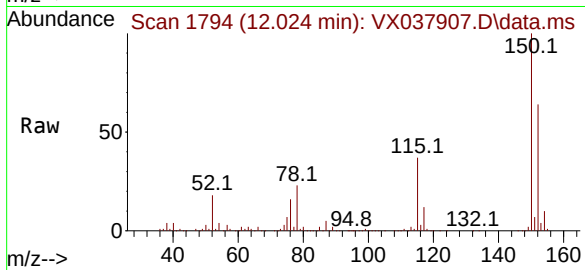
Acq: 26 Sep 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-1



Tgt Ion:152 Resp: 174156

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 155.9 0.0 345.0

