

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036781.D
 Acq On : 02 Aug 2023 19:29
 Operator : JC/MD
 Sample : 03872-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50107

Quant Time: Aug 03 07:31:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

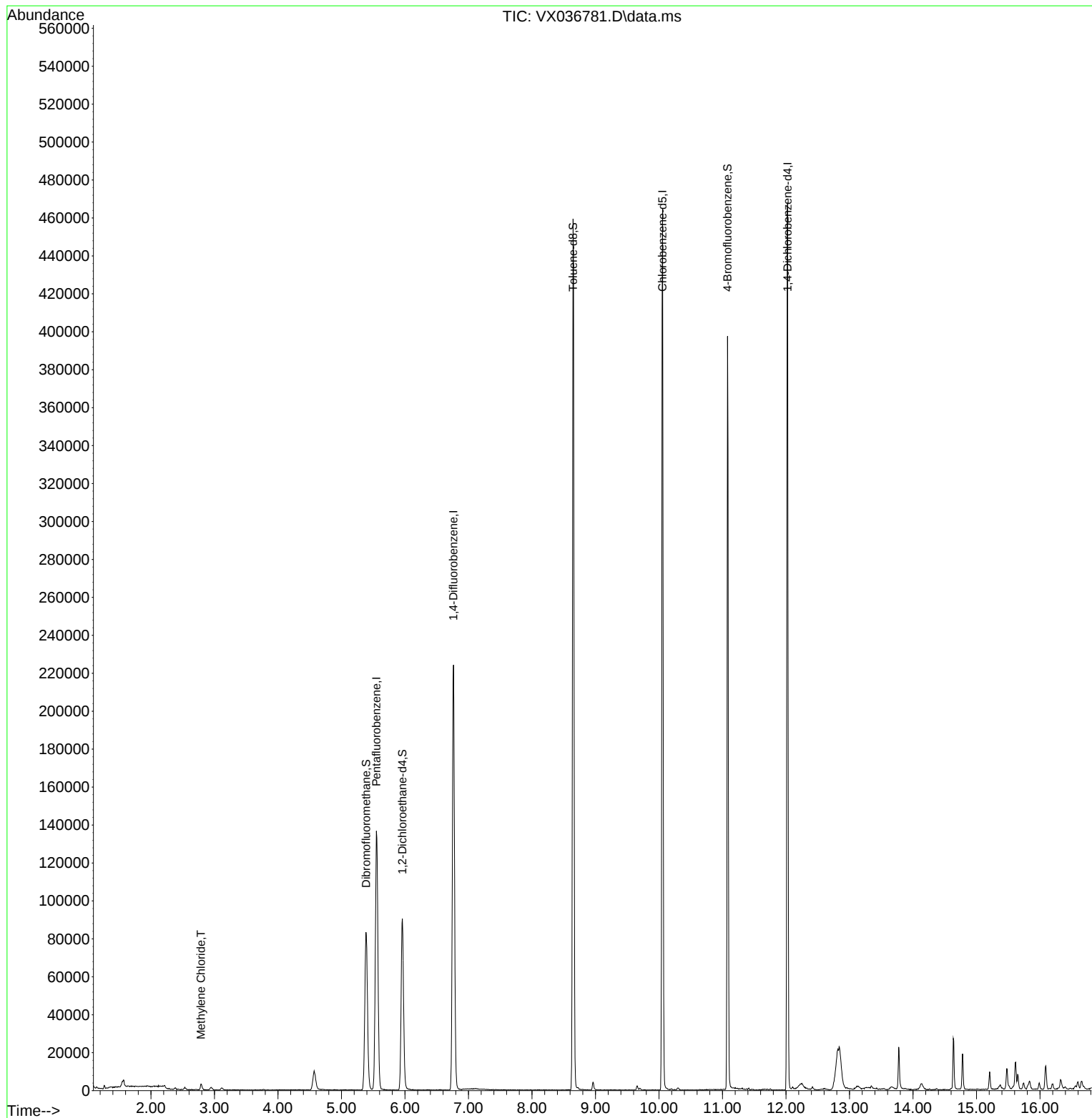
Internal Standards						
1) Pentafluorobenzene	5.550	168	126414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88393	47.257	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	73362	46.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	276548	49.191	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	103612	48.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.700%
Target Compounds						
20) Methylene Chloride	2.788	84	1581	0.916	ug/l	Qvalue 89

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

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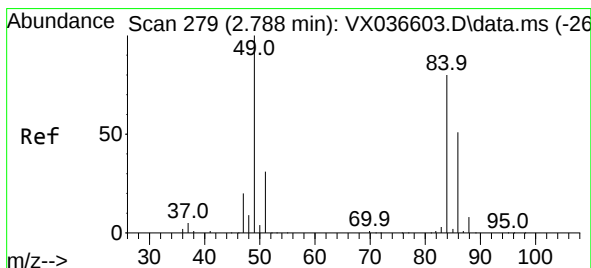
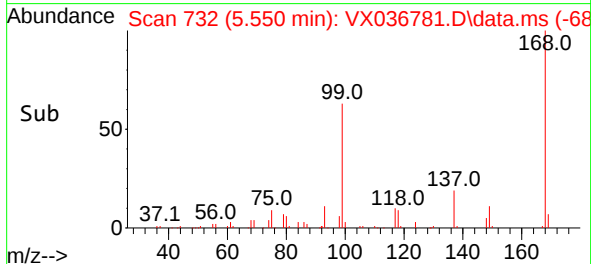
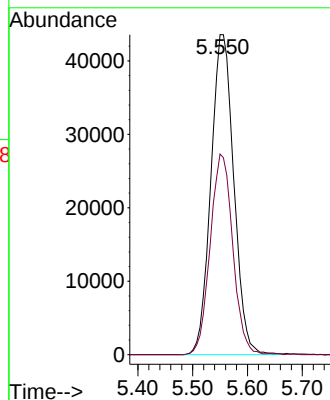
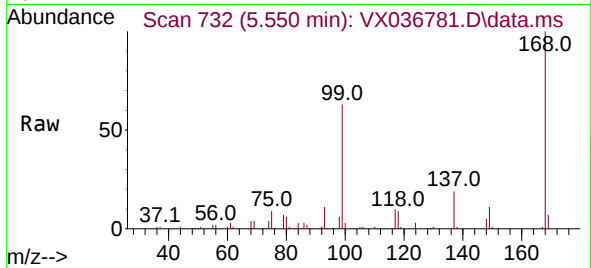




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036781.D
Acq: 02 Aug 2023 19:29

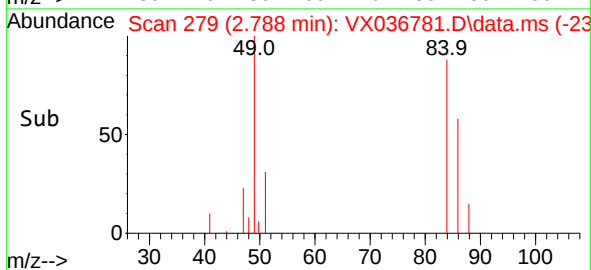
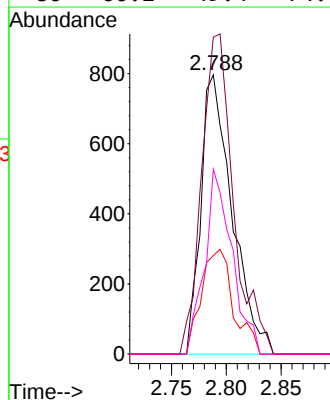
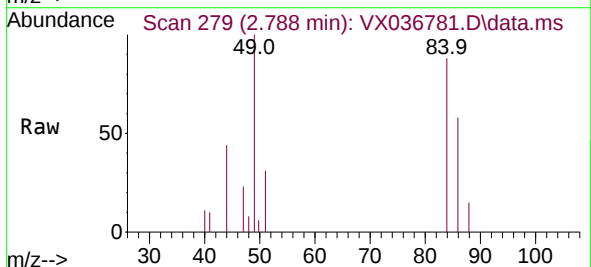
Instrument :
MSVOA_X
ClientSampleId :
50107

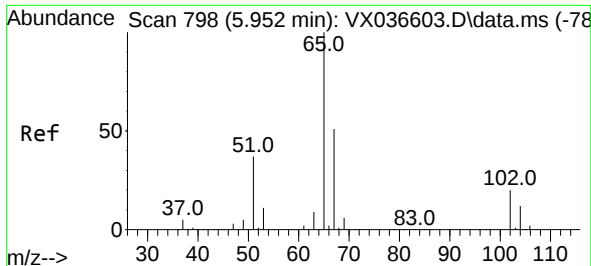
Tgt Ion:168 Resp: 126414
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#20
Methylene Chloride
Concen: 0.916 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036781.D
Acq: 02 Aug 2023 19:29

Tgt Ion: 84 Resp: 1581
Ion Ratio Lower Upper
84 100
49 113.6 103.6 155.4
51 35.3 33.8 50.6
86 66.2 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.257 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036781.D

Acq: 02 Aug 2023 19:29

Instrument :

MSVOA_X

ClientSampleId :

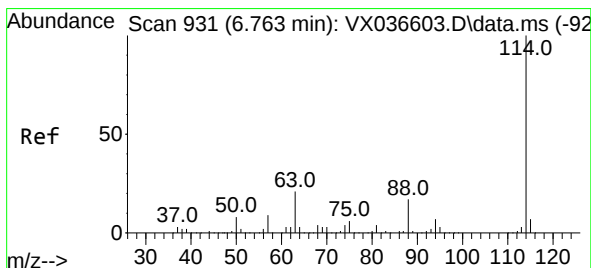
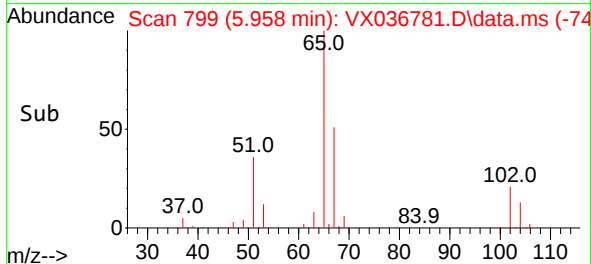
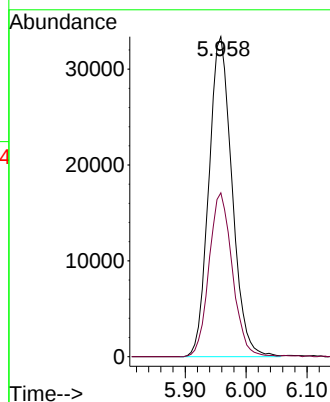
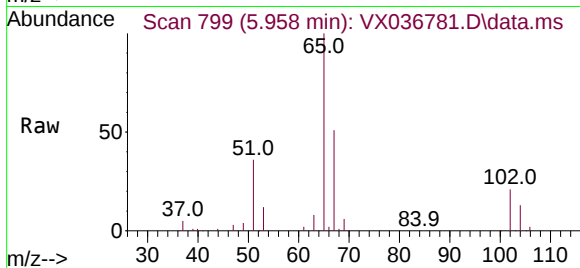
50107

Tgt Ion: 65 Resp: 88393

Ion Ratio Lower Upper

65 100

67 51.4 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: VX036781.D

Acq: 02 Aug 2023 19:29

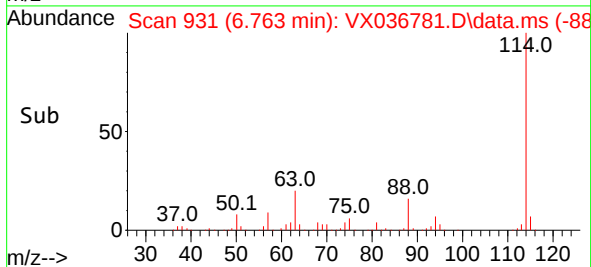
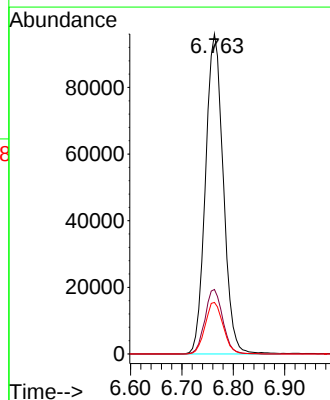
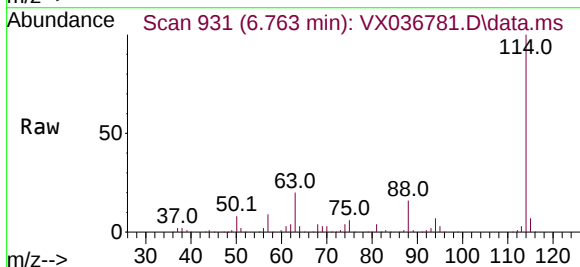
Tgt Ion: 114 Resp: 230644

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.276 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036781.D

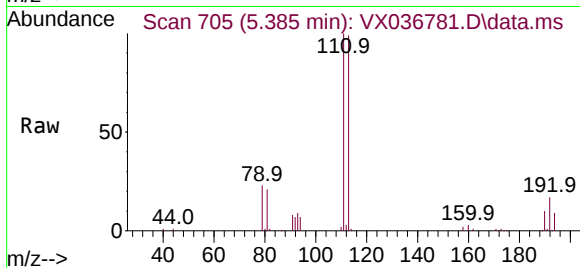
Acq: 02 Aug 2023 19:29

Instrument :

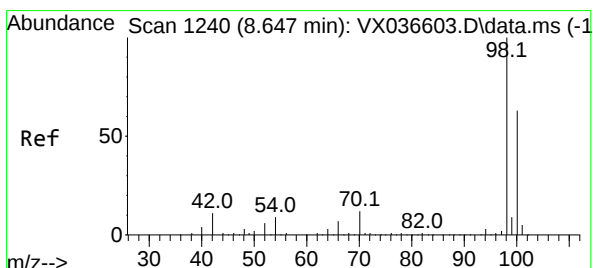
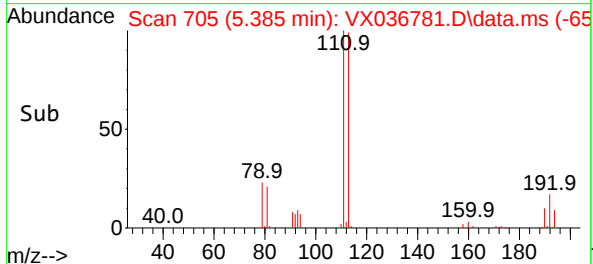
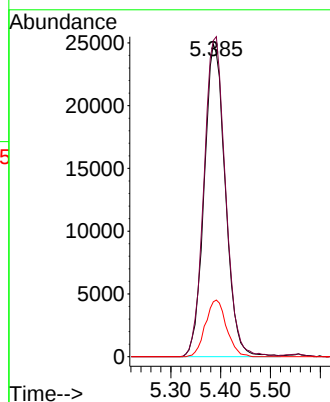
MSVOA_X

ClientSampleId :

50107



Tgt Ion:	113	Resp:	73362
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	18.0	13.3	19.9



#50

Toluene-d8

Concen: 49.191 ug/l

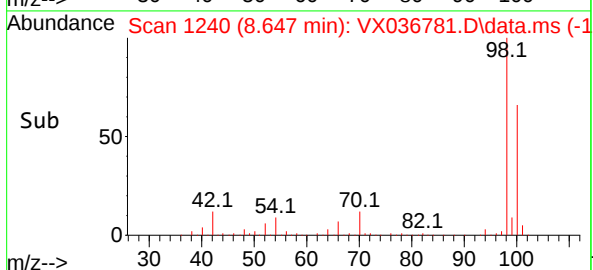
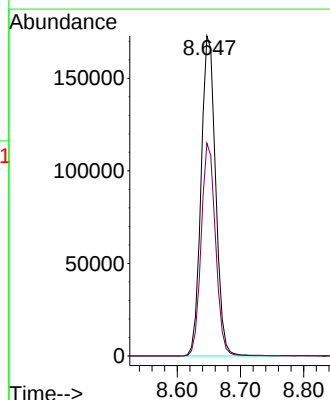
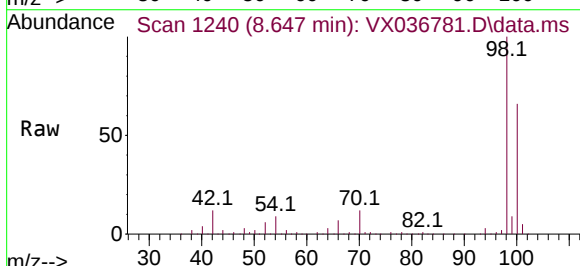
RT: 8.647 min Scan# 1240

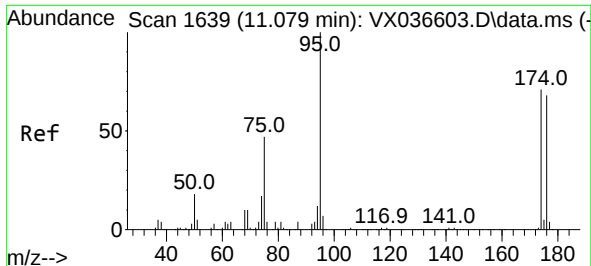
Delta R.T. 0.000 min

Lab File: VX036781.D

Acq: 02 Aug 2023 19:29

Tgt Ion:	98	Resp:	276548
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 48.849 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036781.D

Acq: 02 Aug 2023 19:29

Instrument :

MSVOA_X

ClientSampleId :

50107

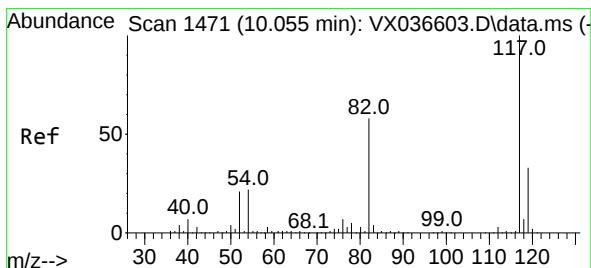
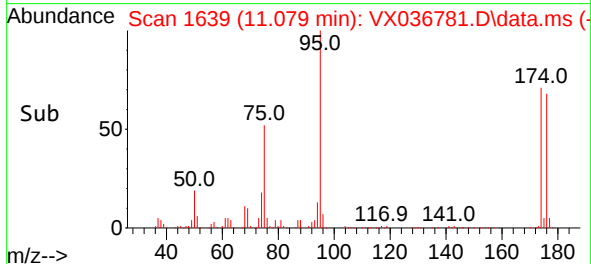
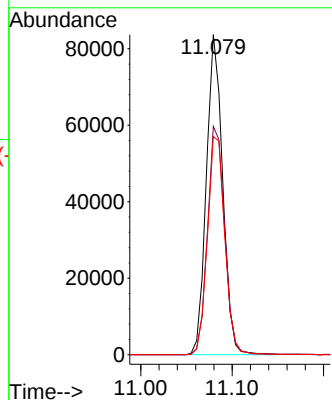
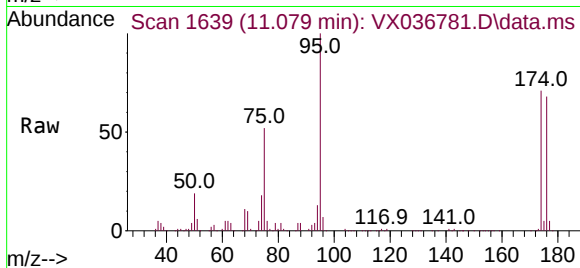
Tgt Ion: 95 Resp: 103612

Ion Ratio Lower Upper

95 100

174 75.0 0.0 135.6

176 72.5 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: VX036781.D

Acq: 02 Aug 2023 19:29

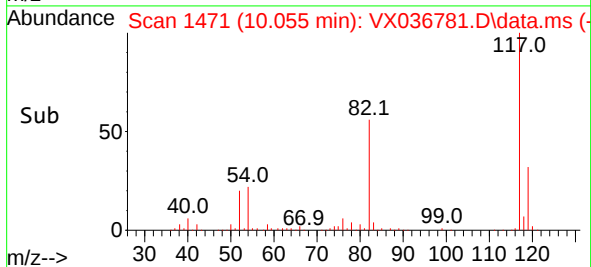
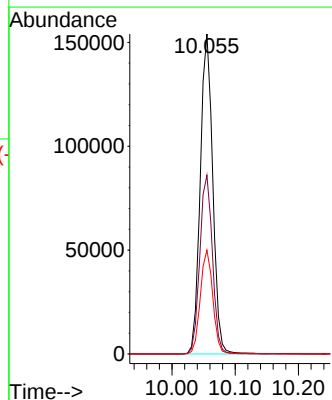
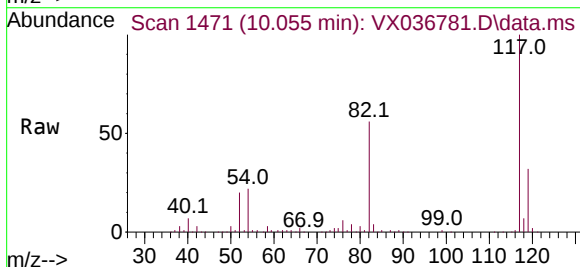
Tgt Ion: 117 Resp: 211908

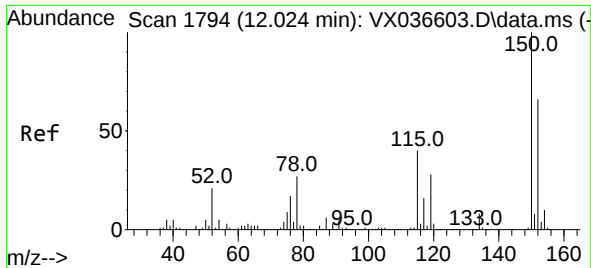
Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 32.4 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: VX036781.D

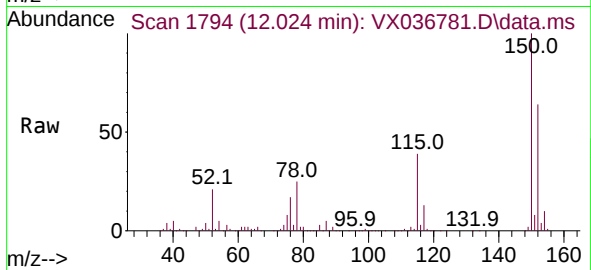
Acq: 02 Aug 2023 19:29

Instrument :

MSVOA_X

ClientSampleId :

50107



Tgt Ion:152 Resp: 98700

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 156.4 0.0 345.0

