

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036466.D
 Acq On : 07 Jul 2023 17:27
 Operator : JC/MD
 Sample : 03525-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50054

Quant Time: Jul 07 23:08:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

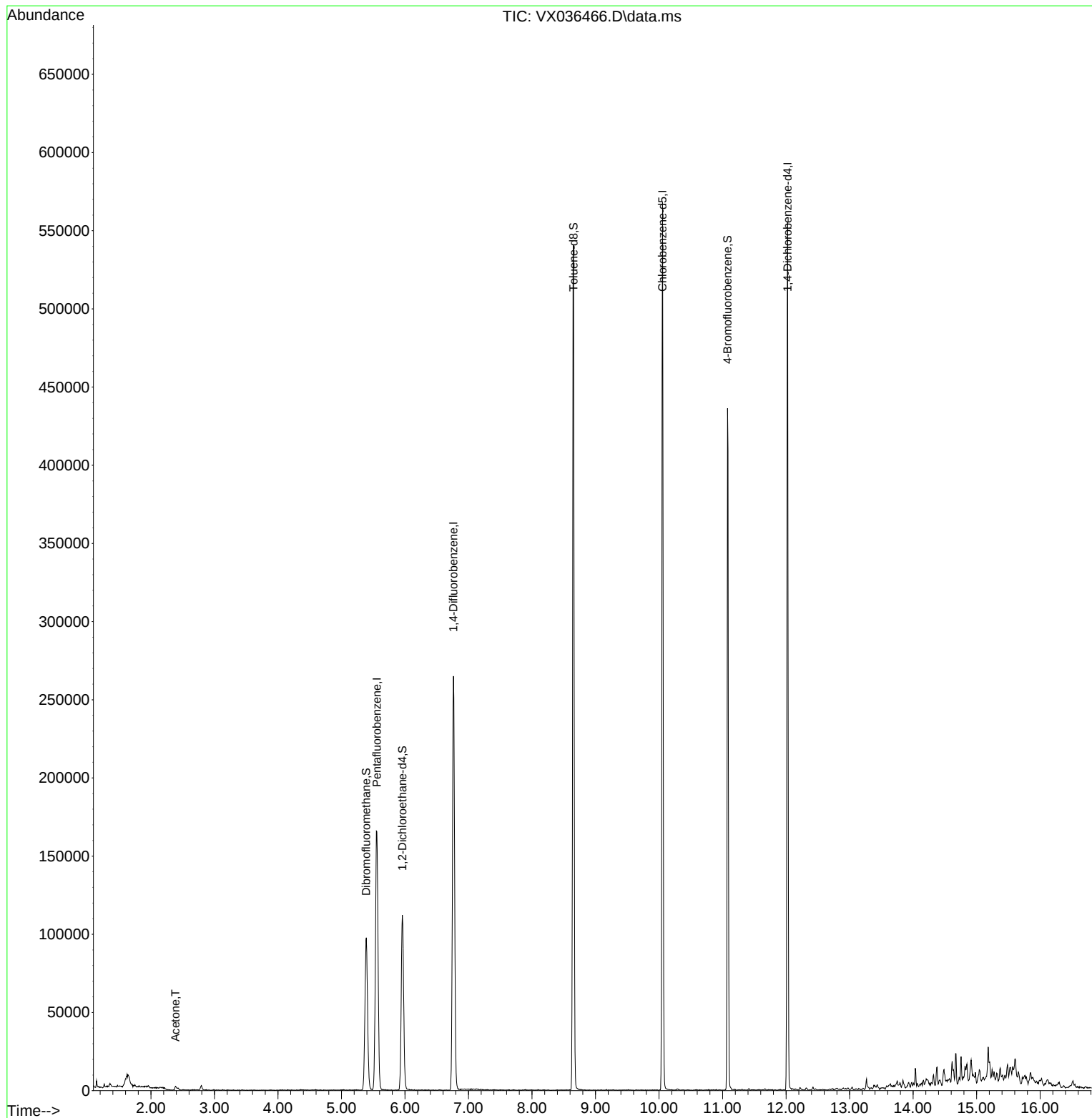
Internal Standards						
1) Pentafluorobenzene	5.556	168	158492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104057	45.802	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.385	113	83604	46.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.653	98	329349	49.360	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	113957	48.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
16) Acetone	2.386	43	3028	3.118	ug/l	Qvalue # 84

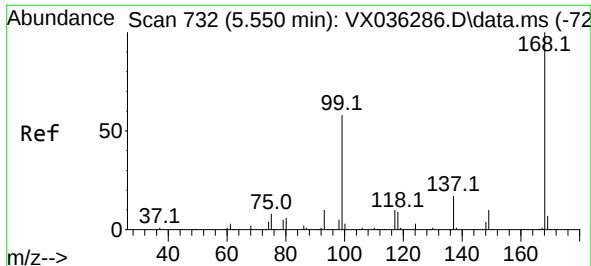
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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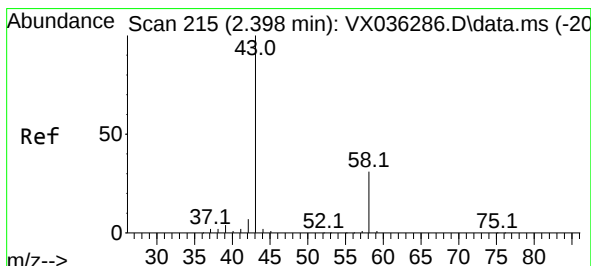
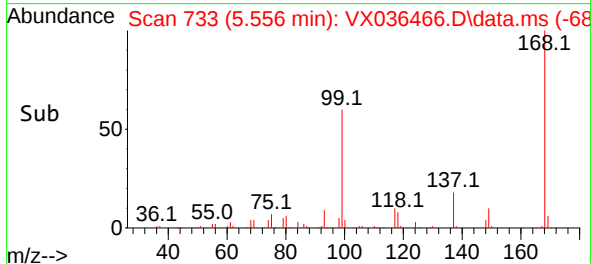
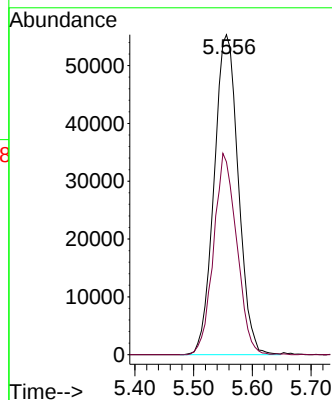
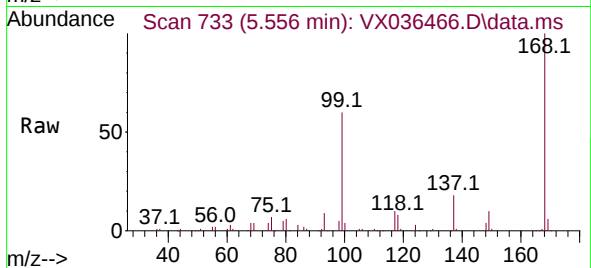




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

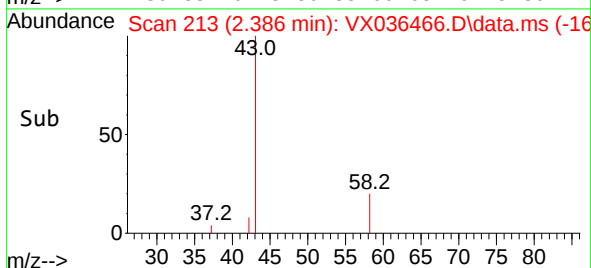
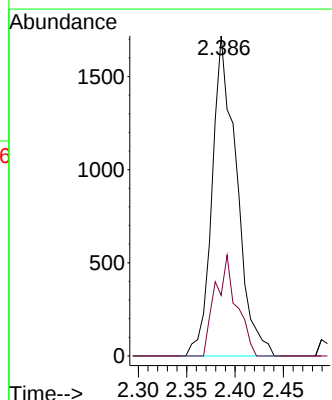
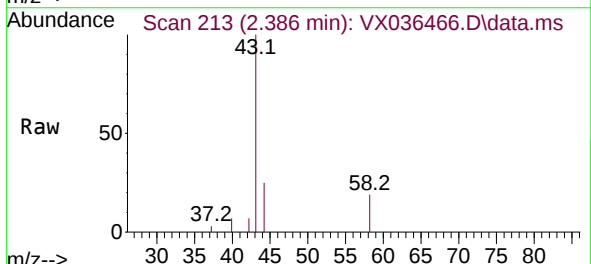
Instrument :
MSVOA_X
ClientSampleId :
50054

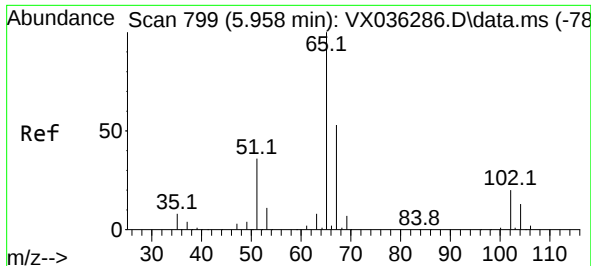
Tgt Ion:168 Resp: 158492
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#16
Acetone
Concen: 3.118 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036466.D
Acq: 07 Jul 2023 17:27

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
58 18.9 21.9 32.9#

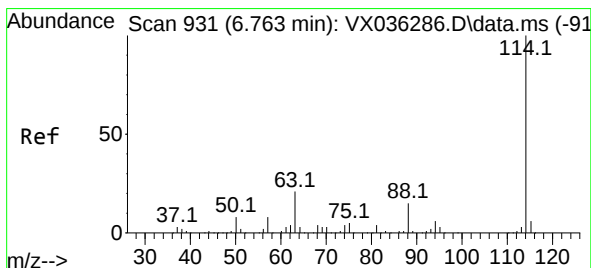
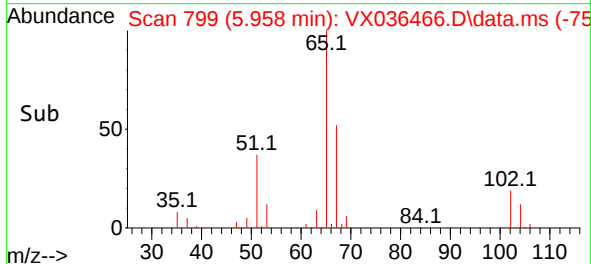
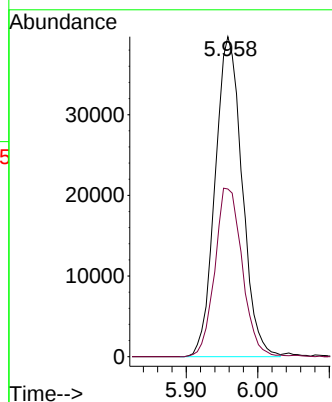
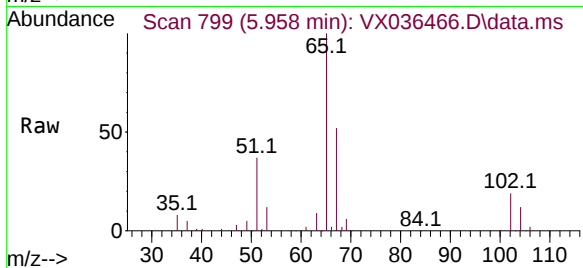




#33
 1,2-Dichloroethane-d4
 Concen: 45.802 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036466.D
 Acq: 07 Jul 2023 17:27

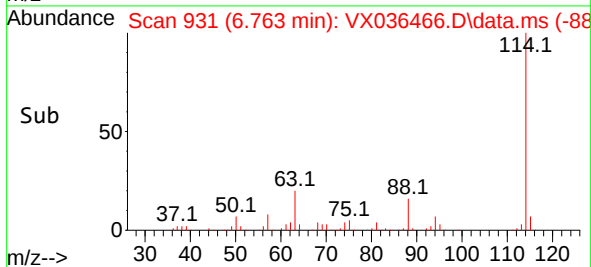
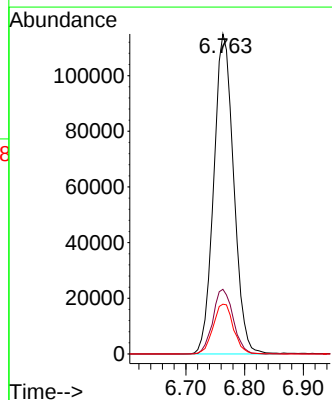
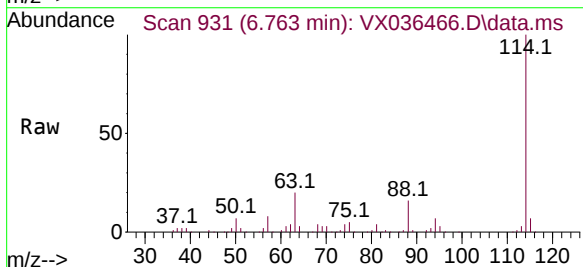
Instrument :
 MSVOA_X
 ClientSampleId :
 50054

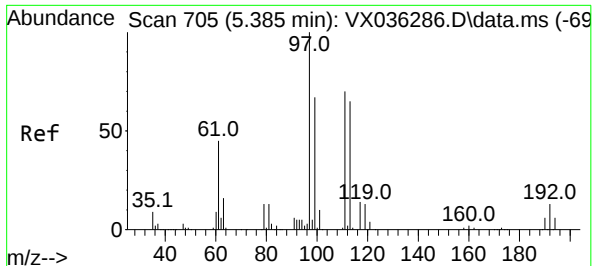
Tgt Ion: 65 Resp: 104057
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036466.D
 Acq: 07 Jul 2023 17:27

Tgt Ion: 114 Resp: 270931
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.799 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036466.D

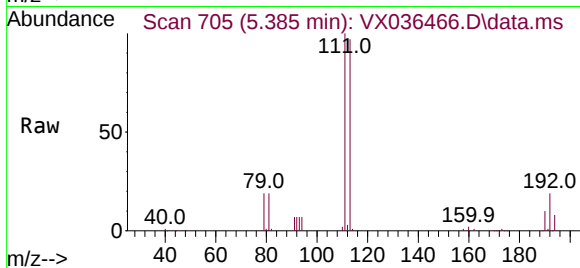
Acq: 07 Jul 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

50054



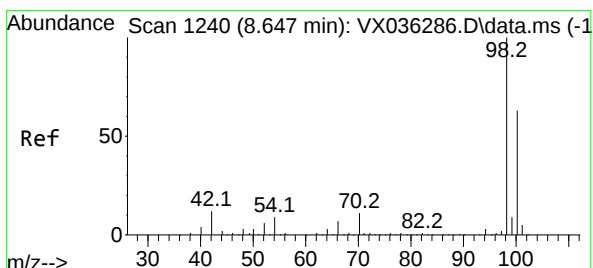
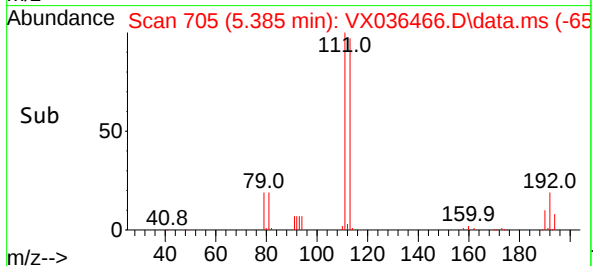
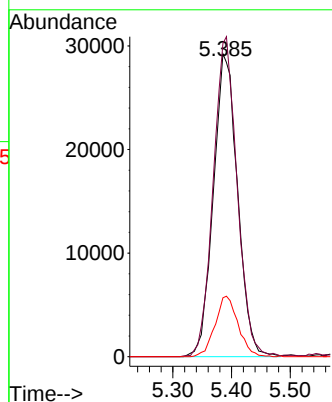
Tgt Ion:113 Resp: 83604

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 19.0 13.3 19.9



#50

Toluene-d8

Concen: 49.360 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX036466.D

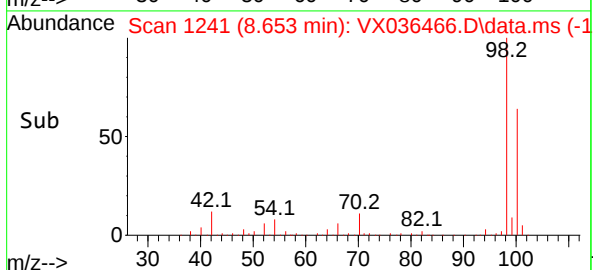
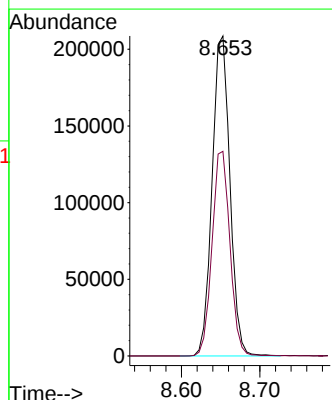
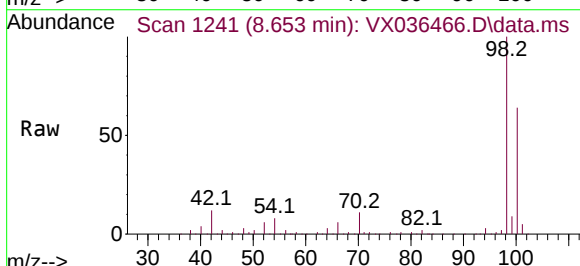
Acq: 07 Jul 2023 17:27

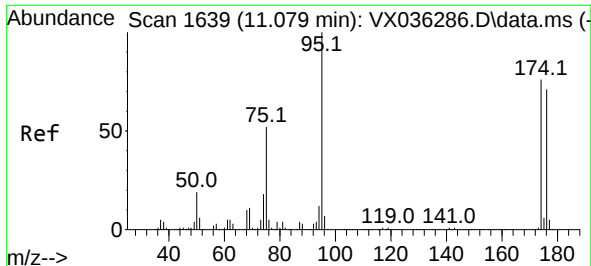
Tgt Ion: 98 Resp: 329349

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.488 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036466.D

Acq: 07 Jul 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

50054

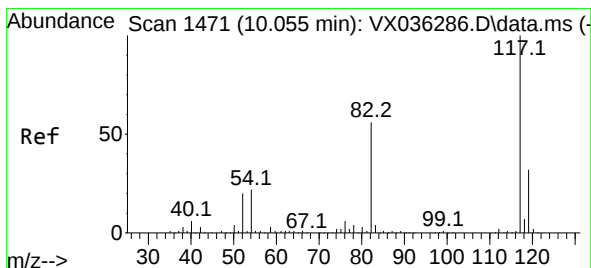
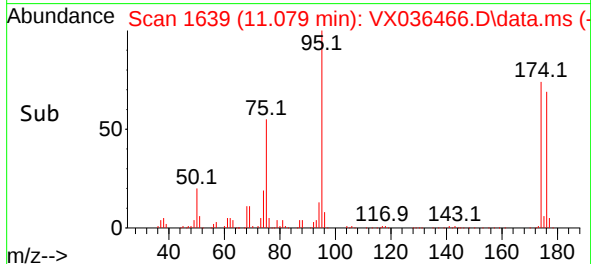
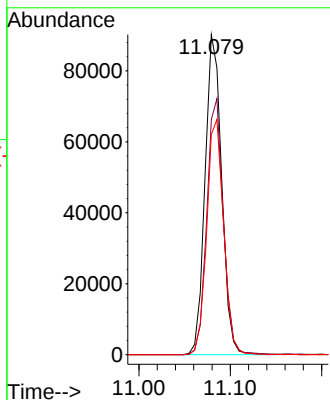
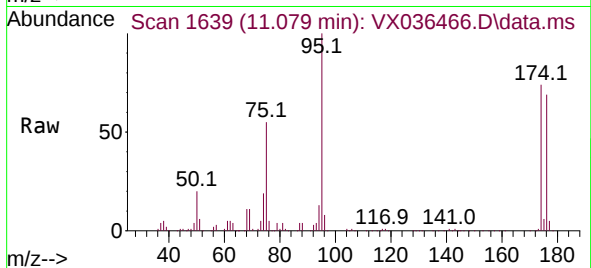
Tgt Ion: 95 Resp: 113957

Ion Ratio Lower Upper

95 100

174 79.2 0.0 135.6

176 74.6 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: VX036466.D

Acq: 07 Jul 2023 17:27

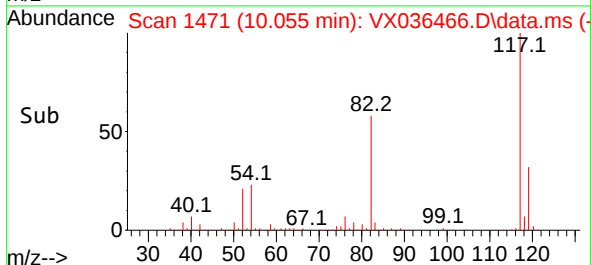
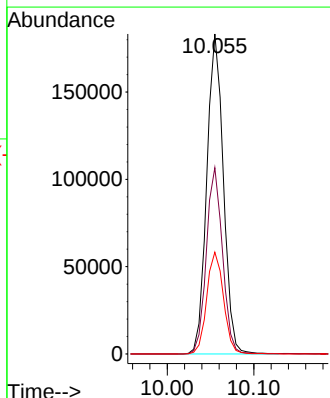
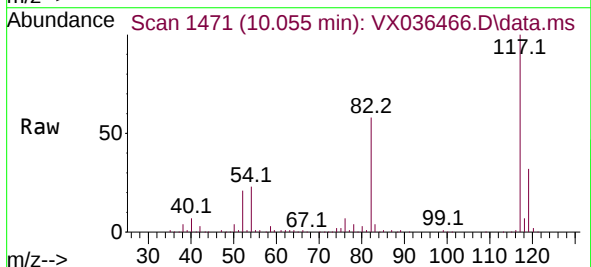
Tgt Ion: 117 Resp: 243979

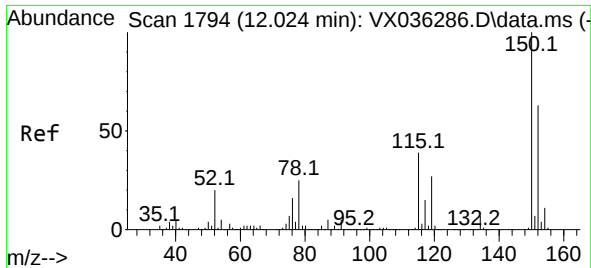
Ion Ratio Lower Upper

117 100

82 58.2 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: VX036466.D

Acq: 07 Jul 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

50054

Tgt Ion:152 Resp: 112491

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 155.1 0.0 345.0

