

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036377.D
 Acq On : 29 Jun 2023 14:47
 Operator : JC/MD
 Sample : 03451-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jun 30 01:31:18 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	5.550	168	214927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136679	44.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.720%
35) Dibromofluoromethane	5.385	113	111076	46.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	423803	48.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	149243	47.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%

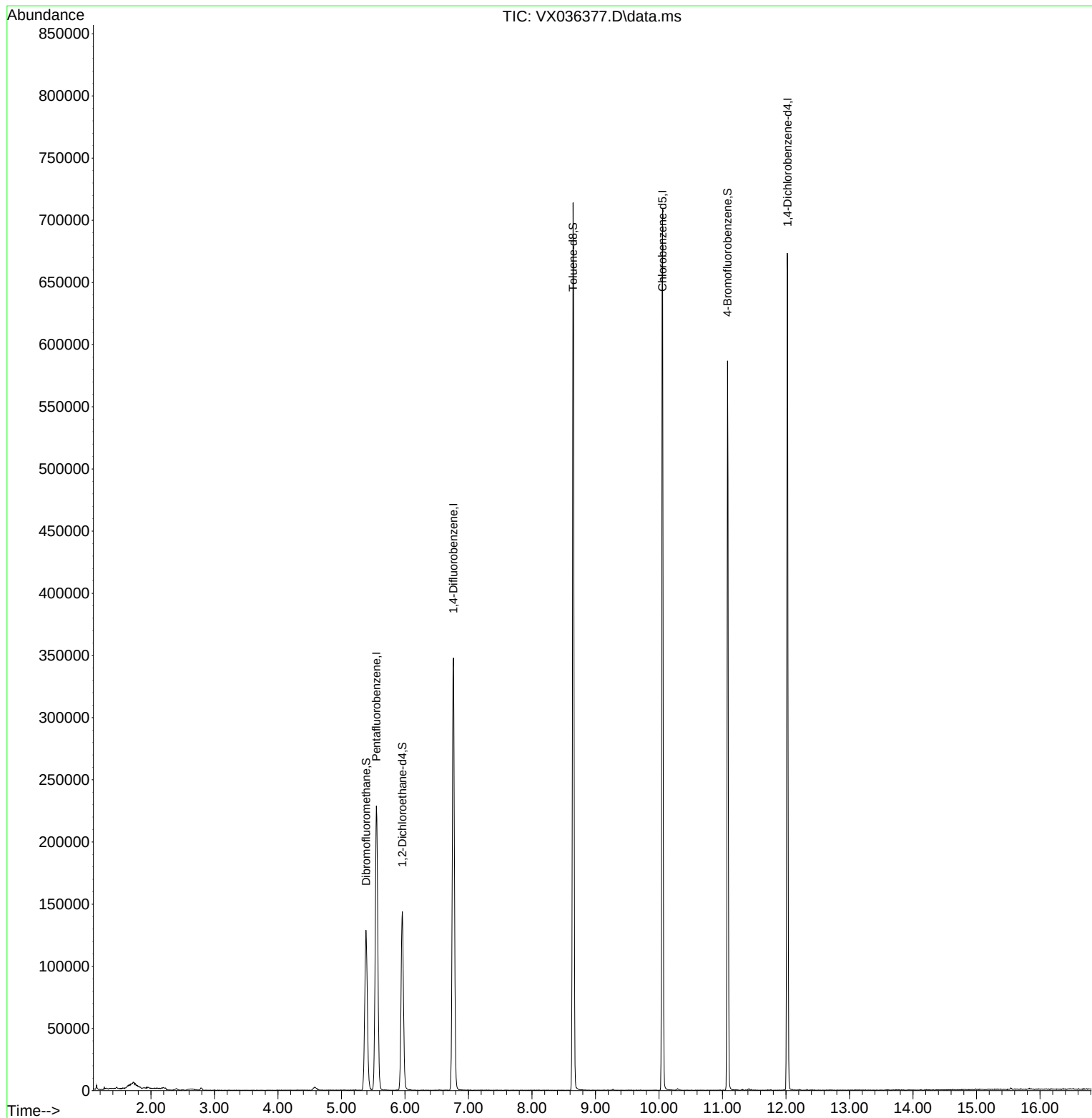
Target Compounds	Qvalue

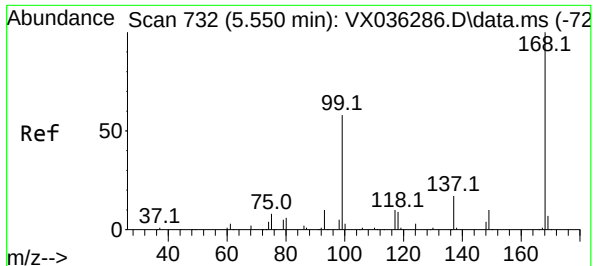
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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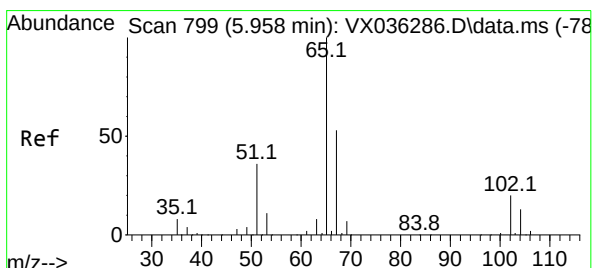
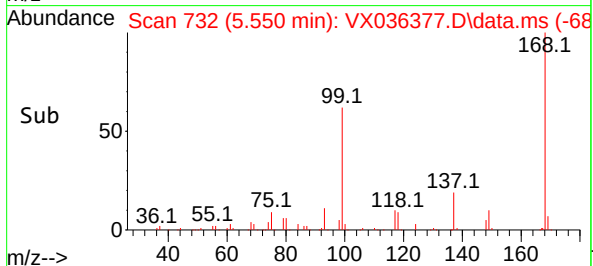
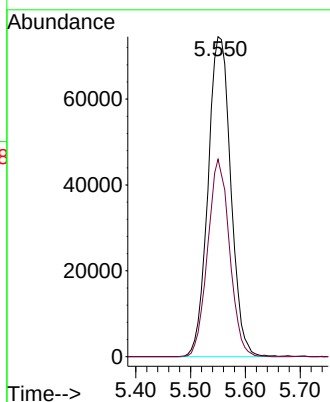
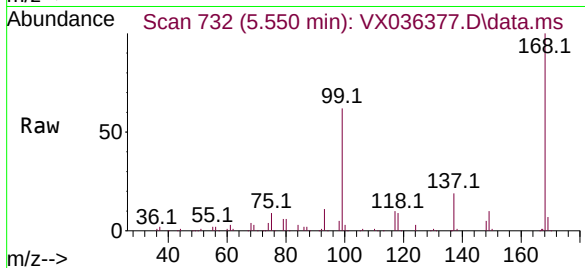




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

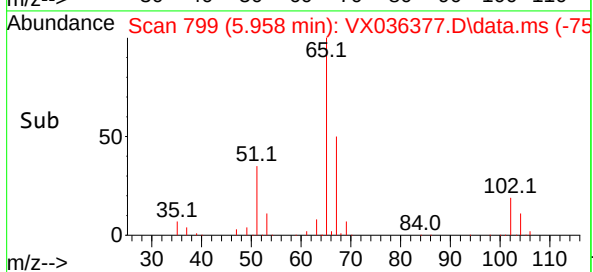
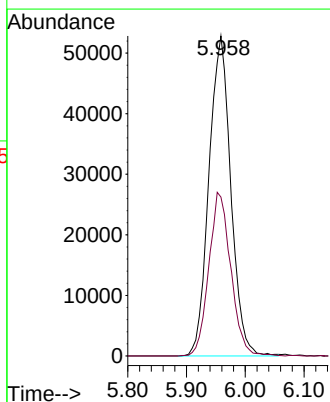
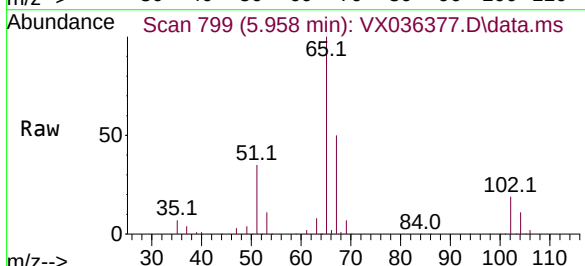
Instrument :
MSVOA_X
ClientSampleId :
TB

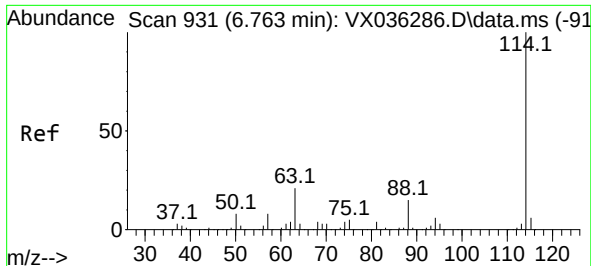
Tgt Ion:168 Resp: 214927
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.364 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 65 Resp: 136679
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

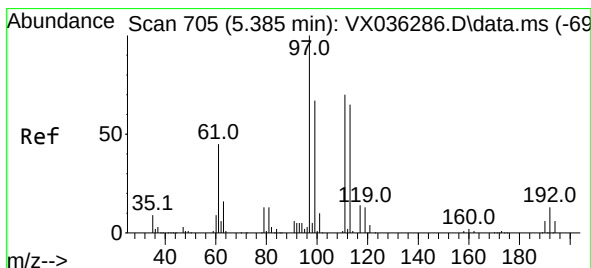
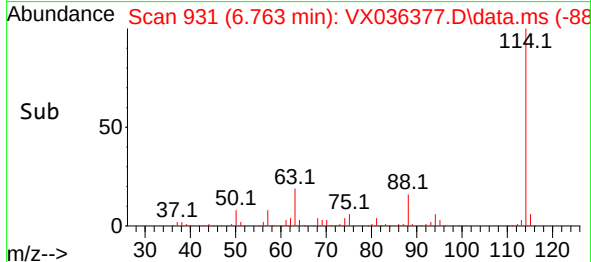
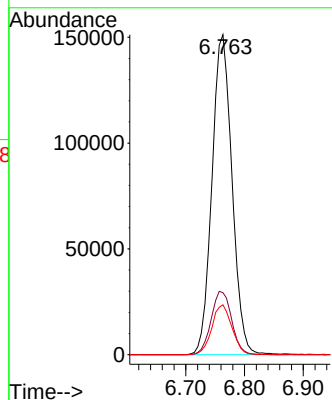
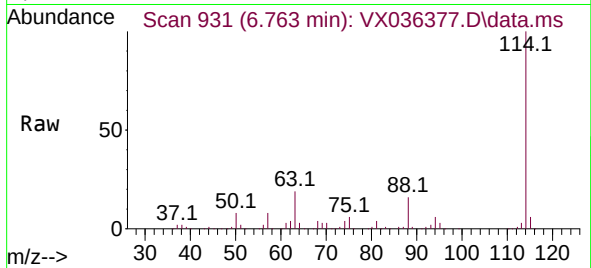




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

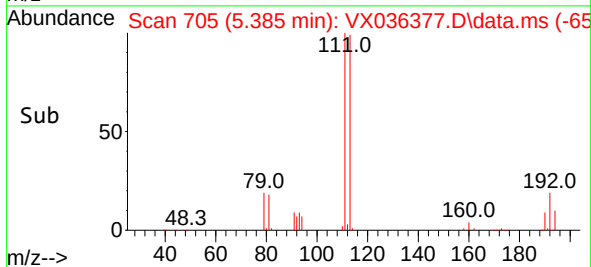
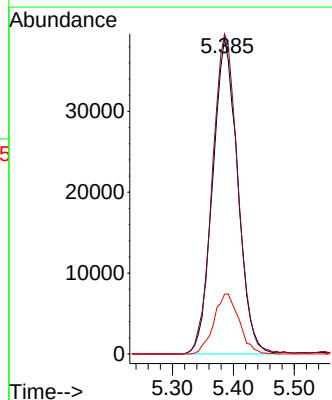
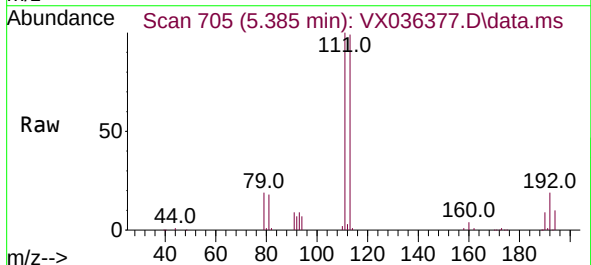
Instrument :
MSVOA_X
ClientSampleId :
TB

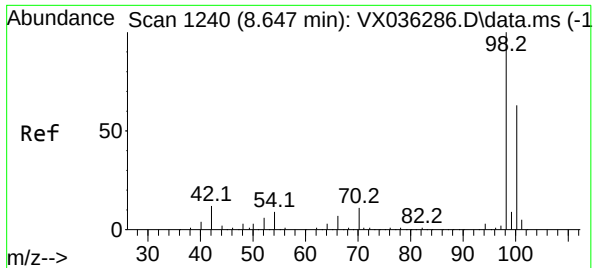
Tgt Ion:114 Resp: 358452
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.996 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion:113 Resp: 111076
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.2 13.3 19.9

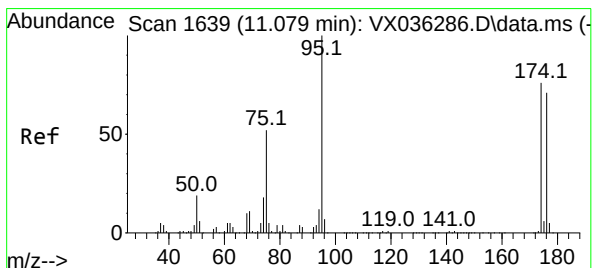
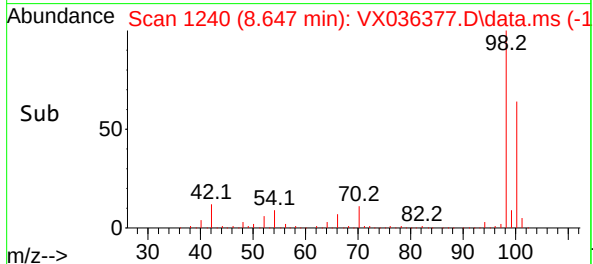
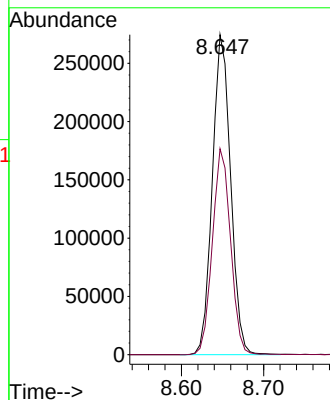
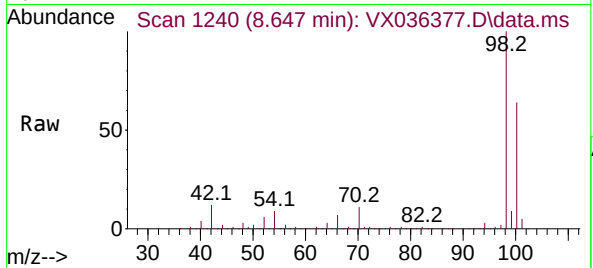




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

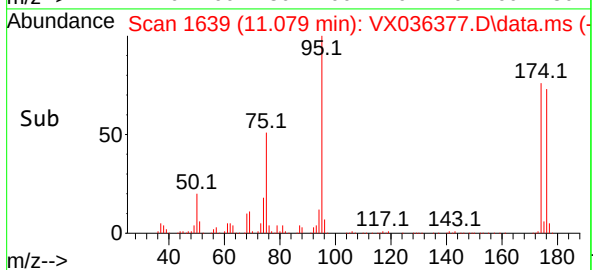
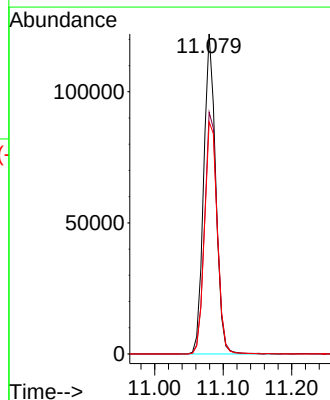
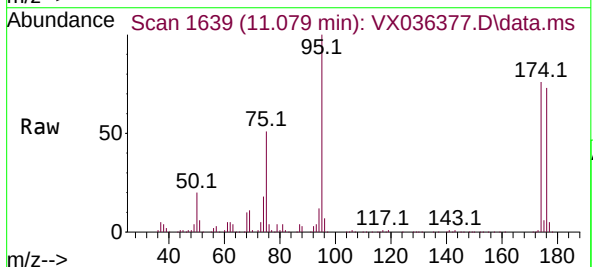
Instrument :
MSVOA_X
ClientSampleId :
TB

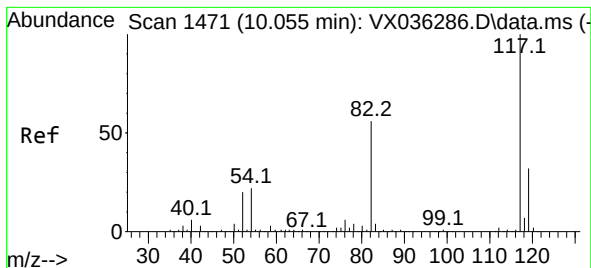
Tgt Ion: 98 Resp: 423803
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 95 Resp: 149243
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 77.0 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: VX036377.D

Acq: 29 Jun 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

TB

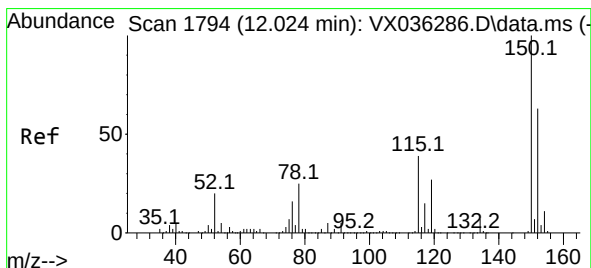
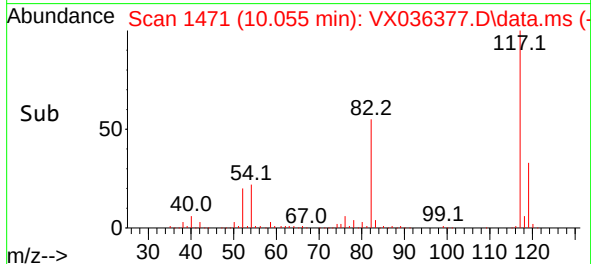
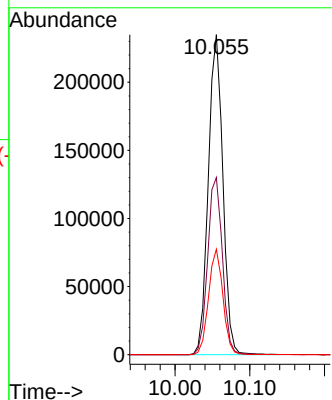
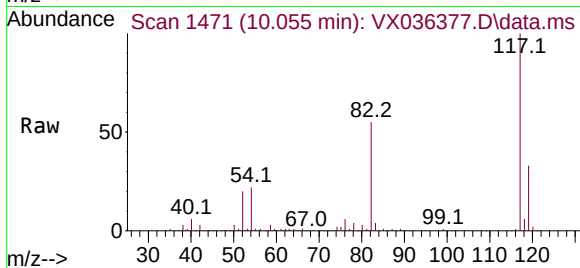
Tgt Ion:117 Resp: 317654

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036377.D

Acq: 29 Jun 2023 14:47

Tgt Ion:152 Resp: 141980

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 157.9 0.0 345.0

