

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038869.D
 Acq On : 17 Nov 2023 10:23
 Operator : JC/MD
 Sample : VX1117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBL01

Quant Time: Nov 17 22:46:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

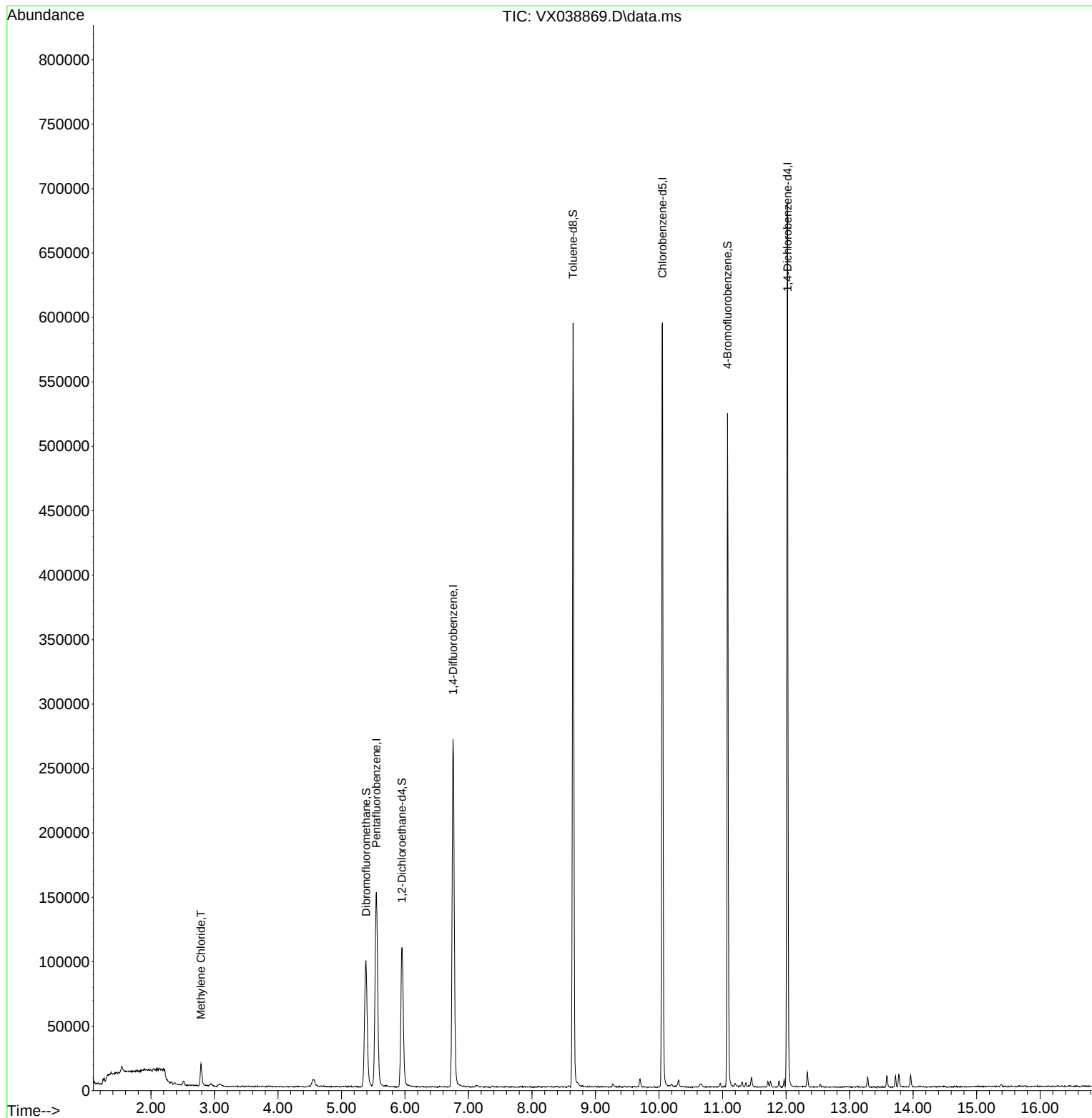
Internal Standards						
1) Pentafluorobenzene	5.550	168	138796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100343	44.866	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.740%
35) Dibromofluoromethane	5.385	113	89019	44.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	350799	45.855	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.720%#
62) 4-Bromofluorobenzene	11.079	95	146544	47.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	8107	3.777	ug/l	96

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

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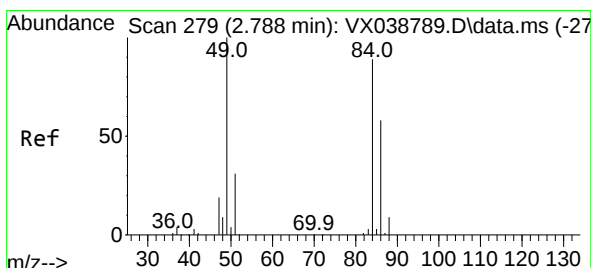
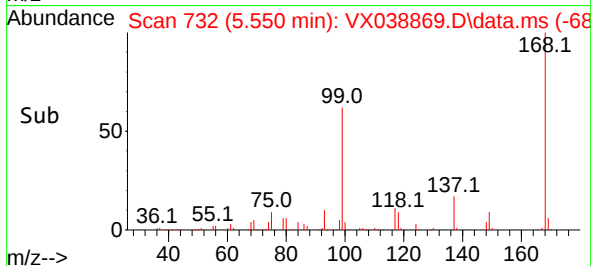
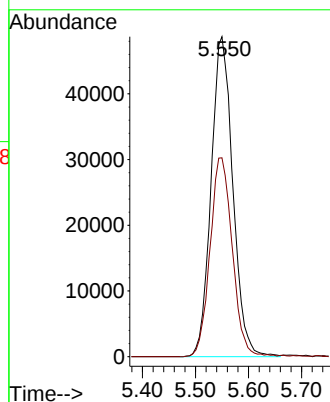
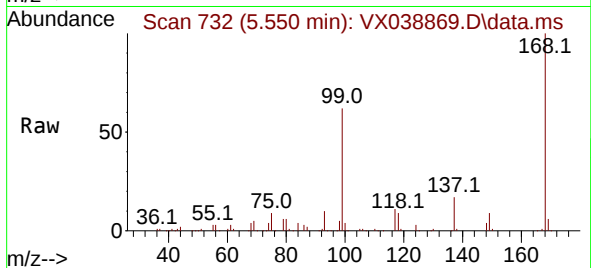




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038869.D
Acq: 17 Nov 2023 10:23

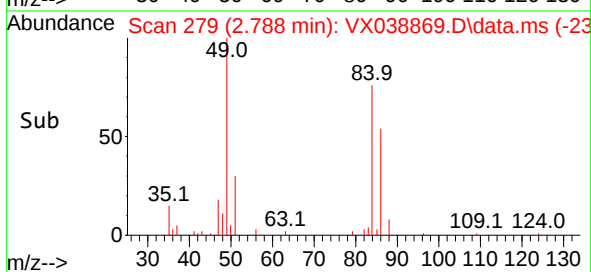
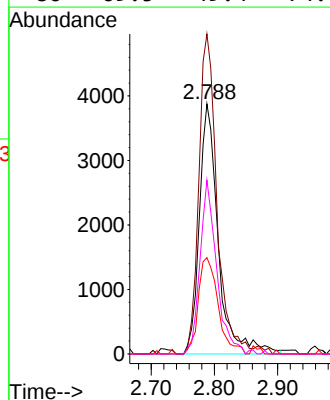
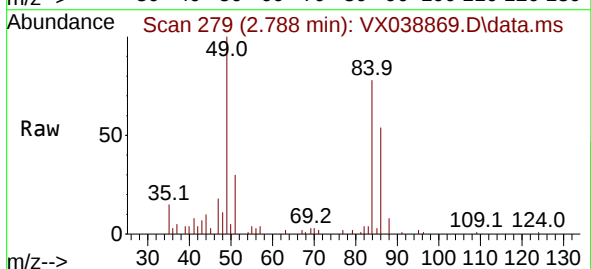
Instrument :
MSVOA_X
ClientSampleId :
VX1117MBL01

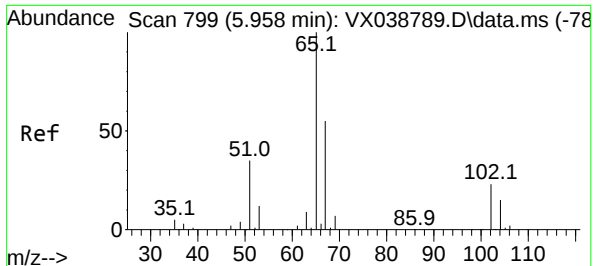
Tgt Ion:168 Resp: 138796
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#20
Methylene Chloride
Concen: 3.777 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038869.D
Acq: 17 Nov 2023 10:23

Tgt Ion: 84 Resp: 8107
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 38.5 33.8 50.6
86 69.5 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 44.866 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038869.D

Acq: 17 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

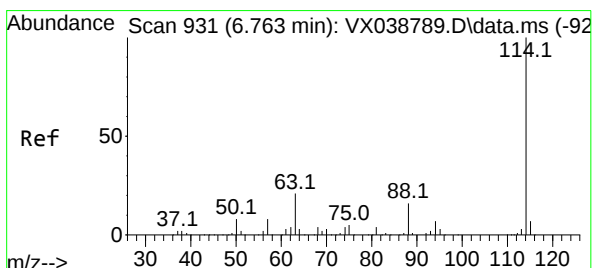
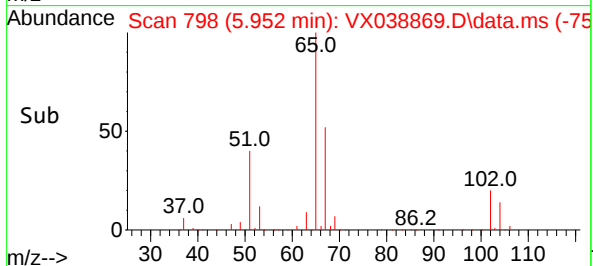
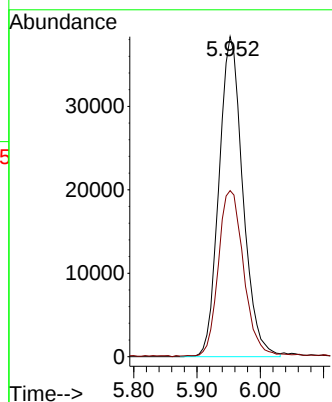
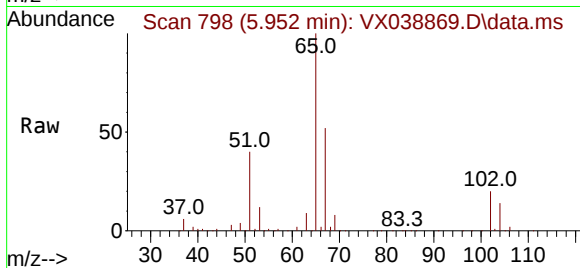
VX1117MBL01

Tgt Ion: 65 Resp: 100343

Ion Ratio Lower Upper

65 100

67 55.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038869.D

Acq: 17 Nov 2023 10:23

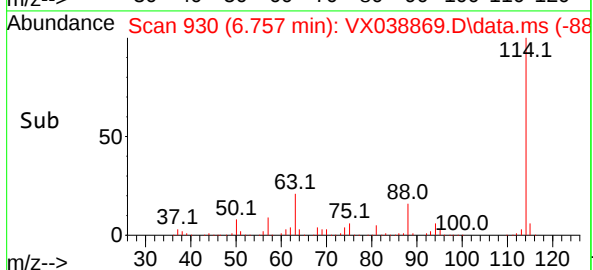
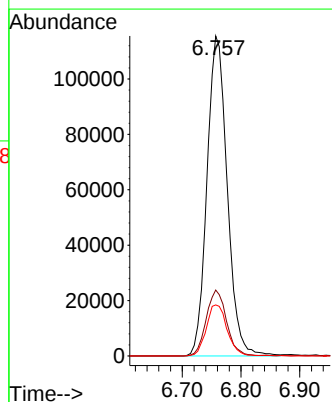
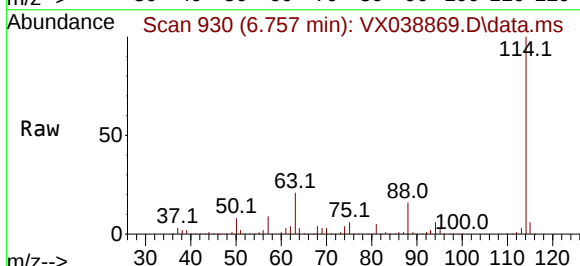
Tgt Ion: 114 Resp: 276853

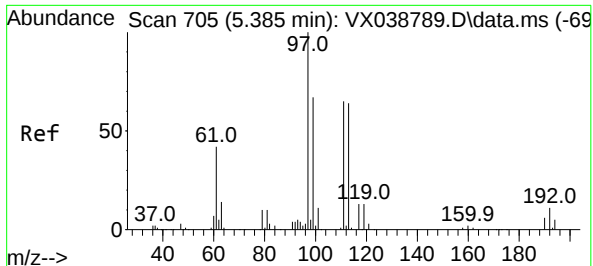
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.521 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038869.D

Acq: 17 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBL01

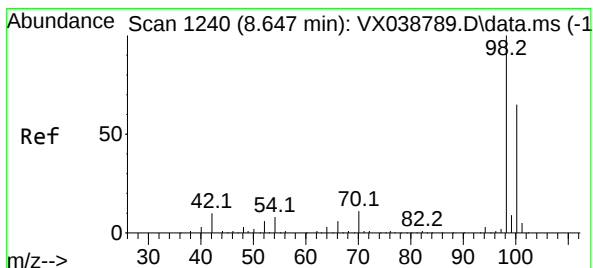
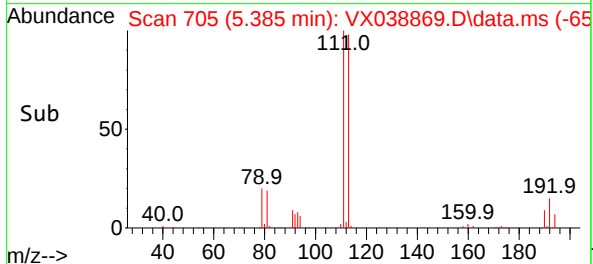
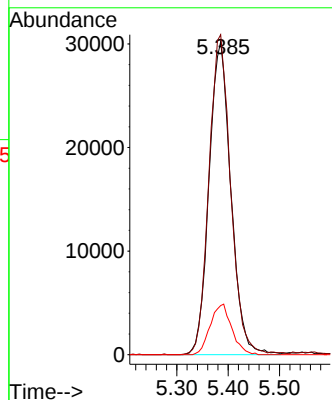
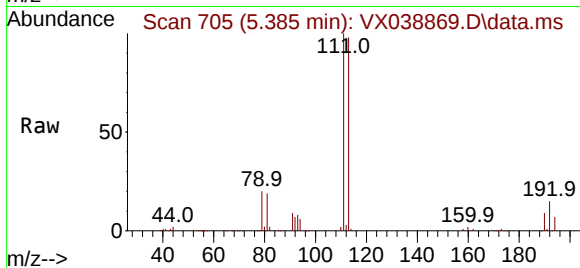
Tgt Ion:113 Resp: 89019

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 15.9 13.3 19.9



#50

Toluene-d8

Concen: 45.855 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038869.D

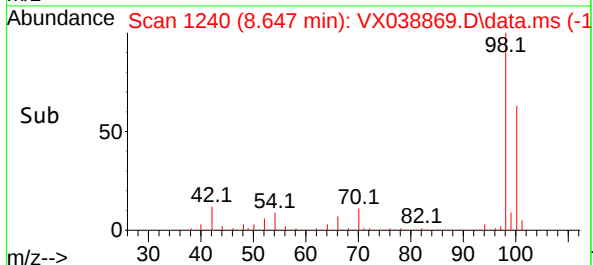
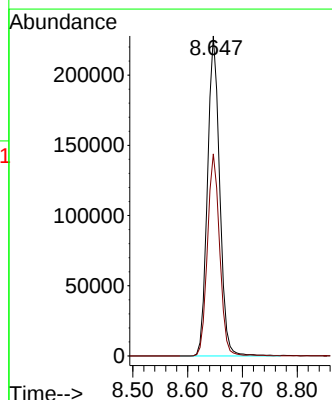
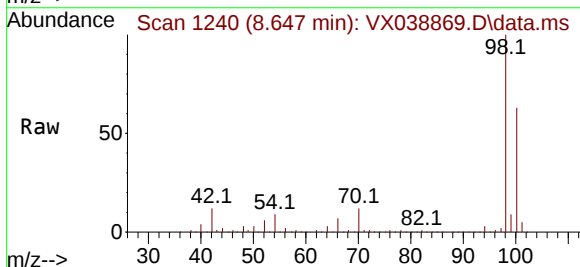
Acq: 17 Nov 2023 10:23

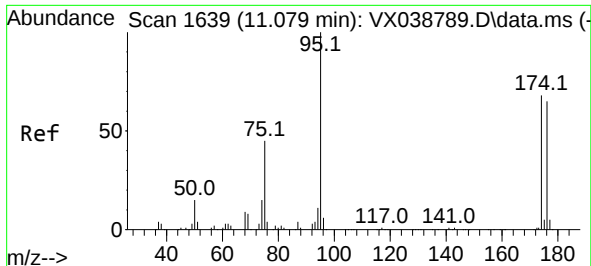
Tgt Ion: 98 Resp: 350799

Ion Ratio Lower Upper

98 100

100 62.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.852 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038869.D

Acq: 17 Nov 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX1117MBL01

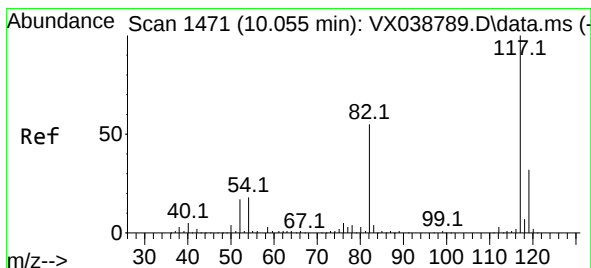
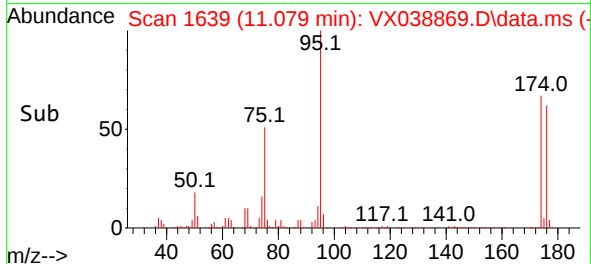
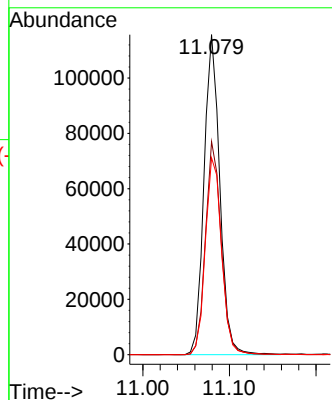
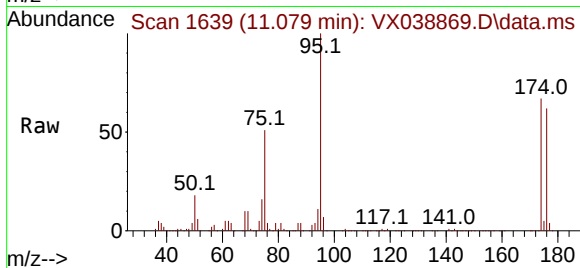
Tgt Ion: 95 Resp: 146544

Ion Ratio Lower Upper

95 100

174 66.5 0.0 135.6

176 63.5 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: VX038869.D

Acq: 17 Nov 2023 10:23

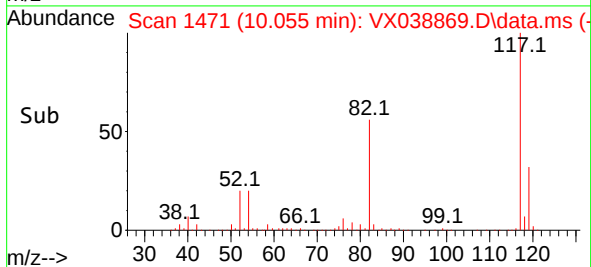
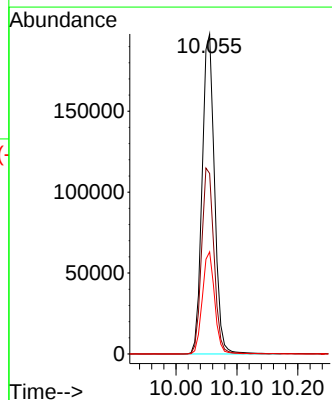
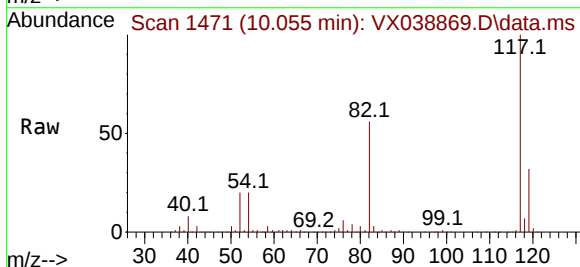
Tgt Ion: 117 Resp: 279707

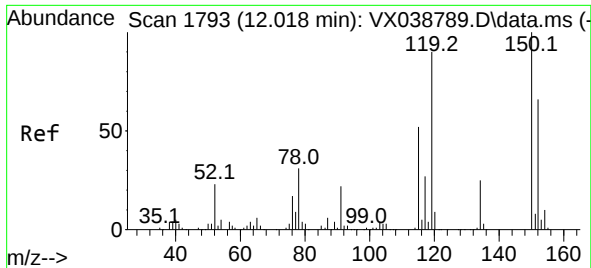
Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

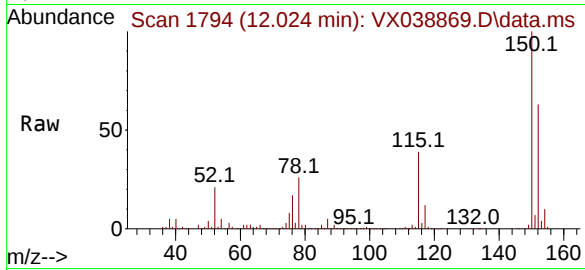
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038869.D
 Acq: 17 Nov 2023 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117MBL01



Tgt Ion:152 Resp: 136517
 Ion Ratio Lower Upper
 152 100
 115 64.5 43.3 129.9
 150 157.8 0.0 345.0

