

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039576.D
 Acq On : 02 Jan 2024 16:54
 Operator : JC/MD
 Sample : P1002-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1209

Quant Time: Jan 03 04:15:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

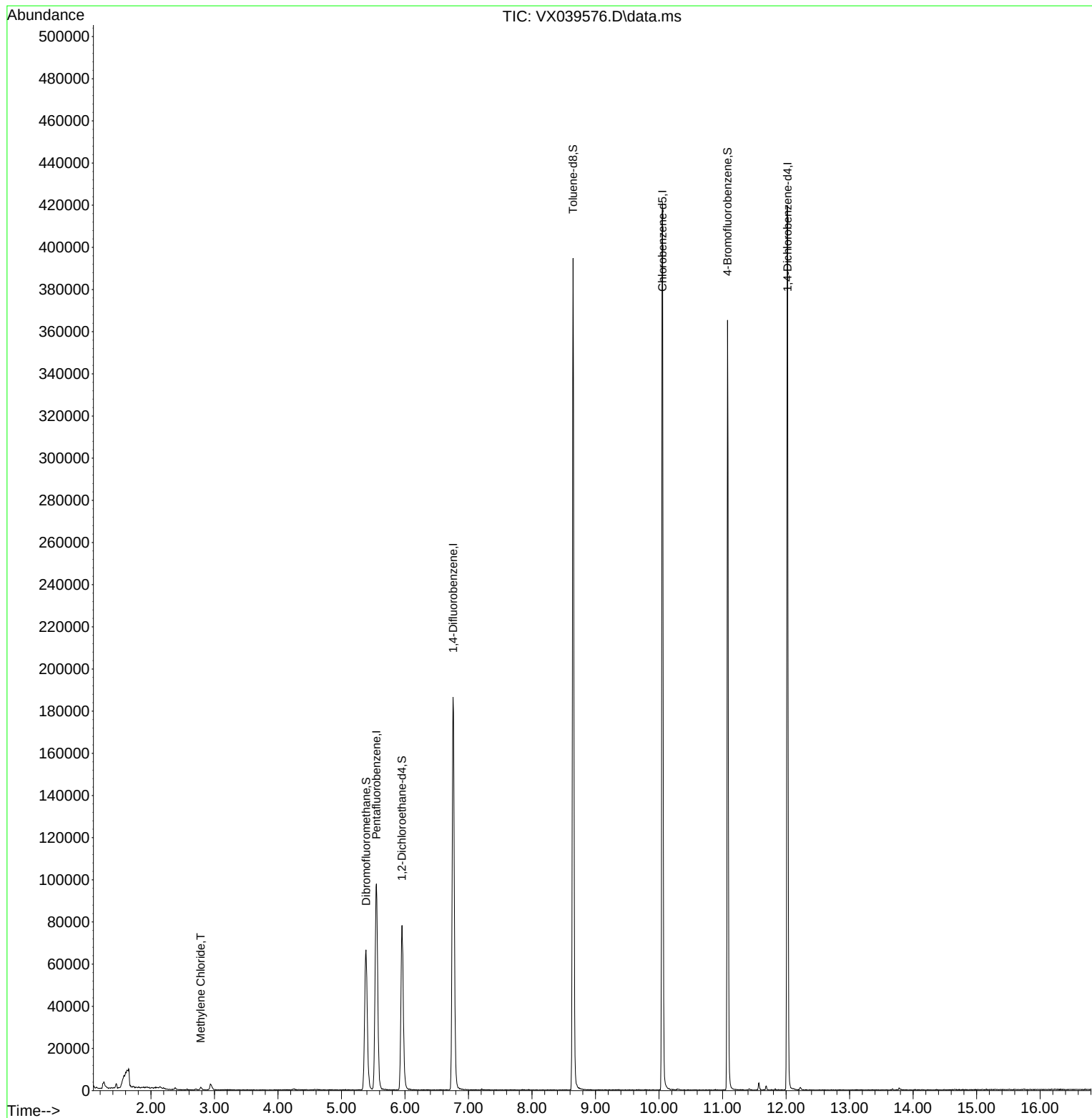
Internal Standards						
1) Pentafluorobenzene	5.549	168	86083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74222	47.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.385	113	59257	47.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.646	98	231179	49.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	97277	50.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%
Target Compounds						Qvalue
20) Methylene Chloride	2.782	84	667	0.507	ug/l	# 75

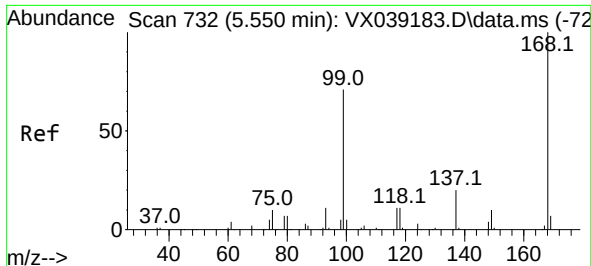
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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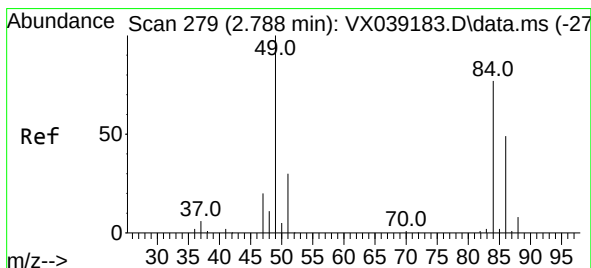
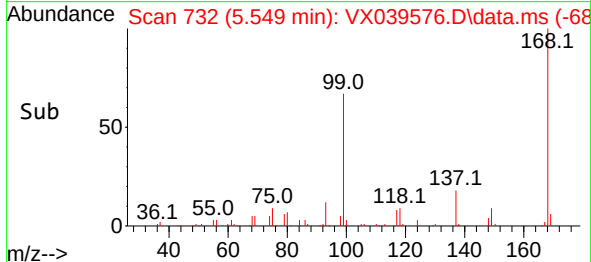
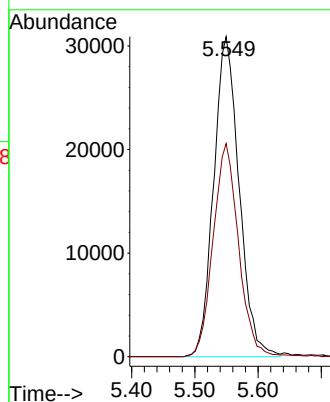
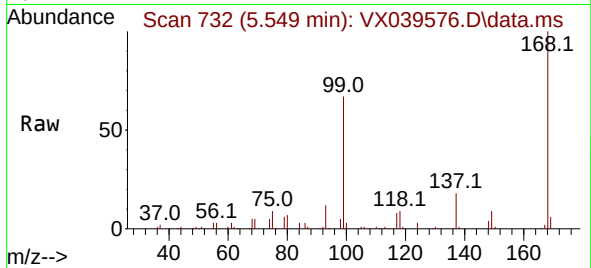




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

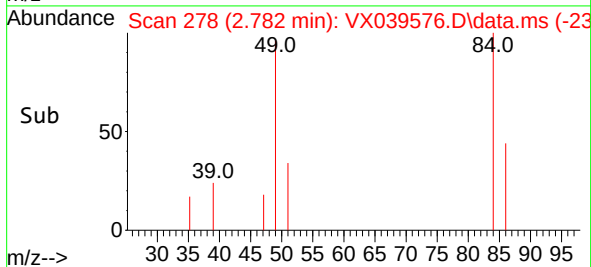
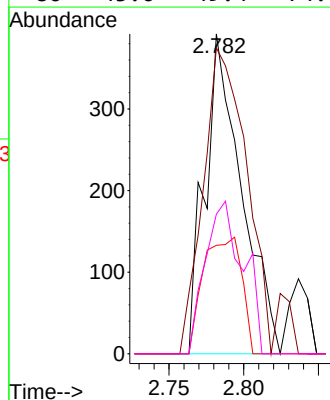
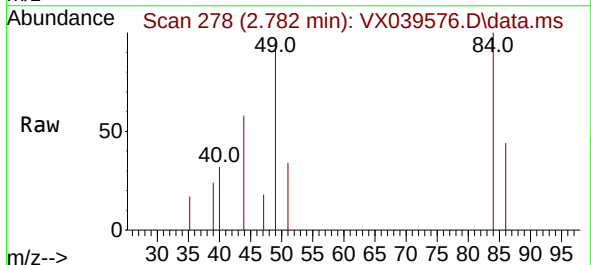
Instrument :
MSVOA_X
ClientSampleId :
1209

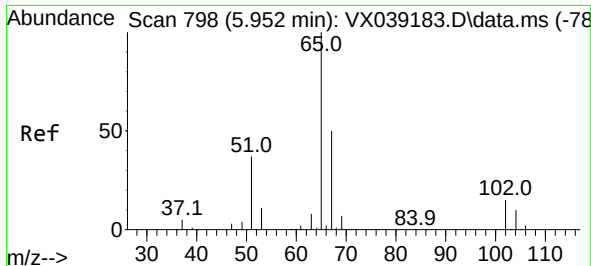
Tgt Ion:168 Resp: 86083
Ion Ratio Lower Upper
168 100
99 66.6 56.6 85.0



#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 95.7 103.6 155.4#
51 33.9 33.8 50.6
86 43.6 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 47.066 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039576.D

Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

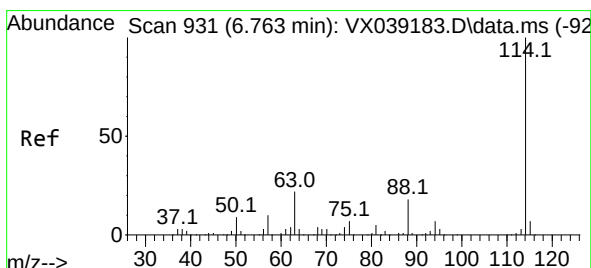
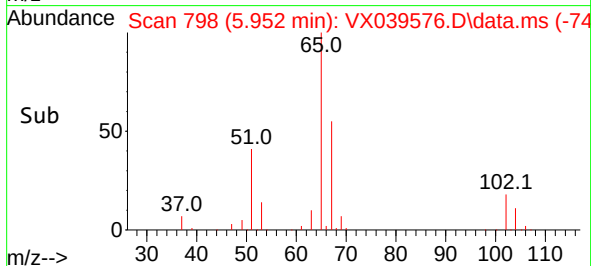
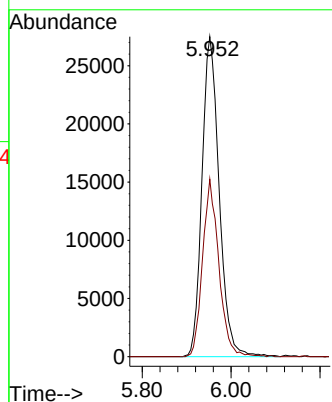
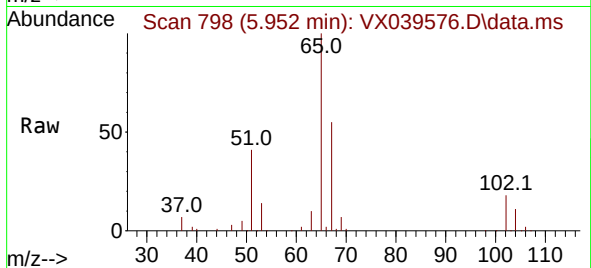
1209

Tgt Ion: 65 Resp: 74222

Ion Ratio Lower Upper

65 100

67 52.5 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: VX039576.D

Acq: 02 Jan 2024 16:54

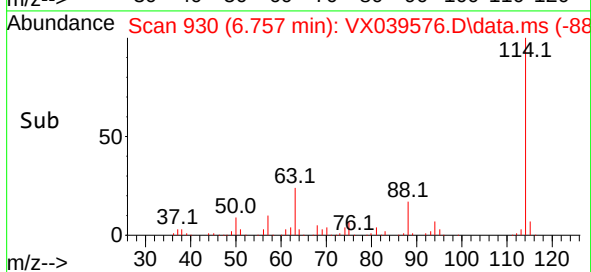
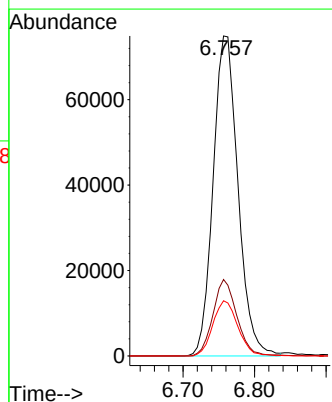
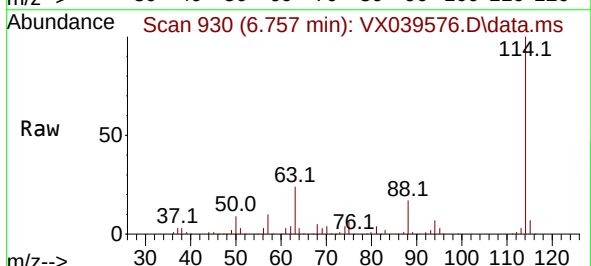
Tgt Ion: 114 Resp: 181063

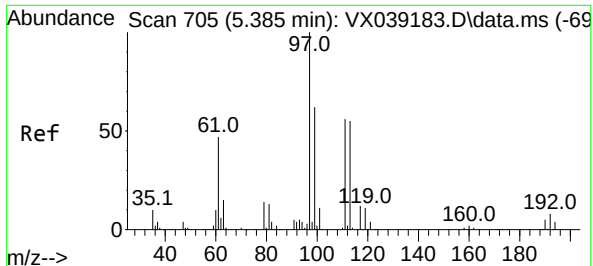
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.373 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039576.D

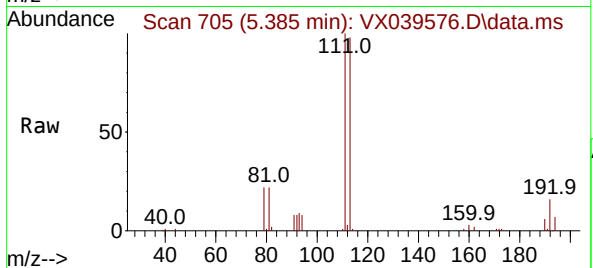
Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

1209



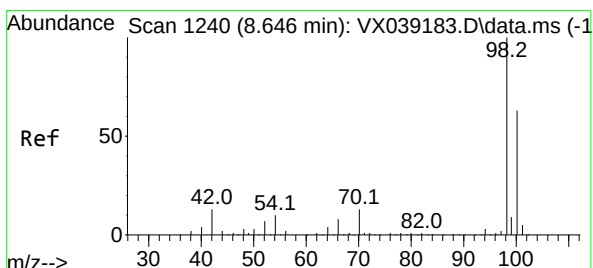
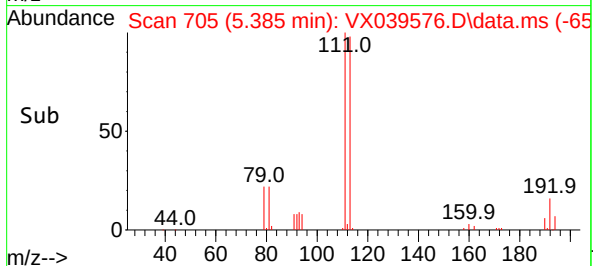
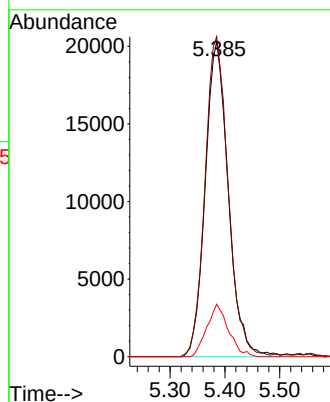
Tgt Ion:113 Resp: 59257

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 15.6 13.3 19.9



#50

Toluene-d8

Concen: 49.781 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039576.D

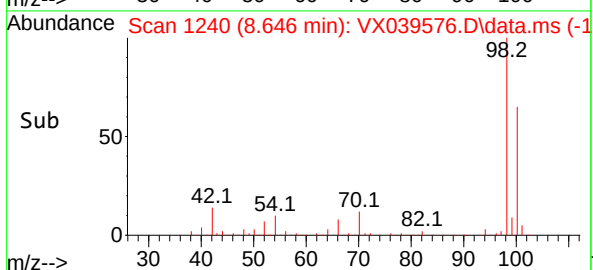
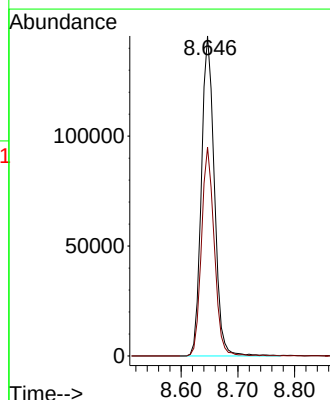
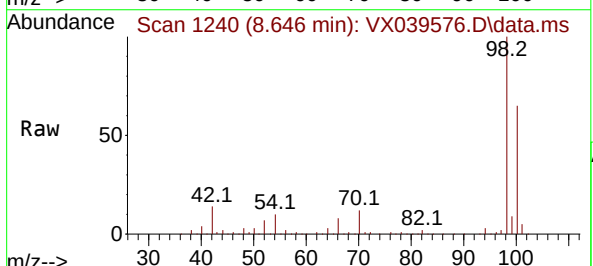
Acq: 02 Jan 2024 16:54

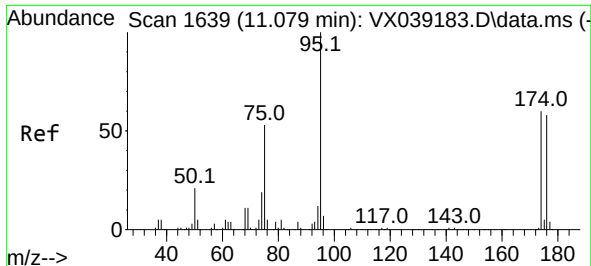
Tgt Ion: 98 Resp: 231179

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.769 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039576.D

Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

1209

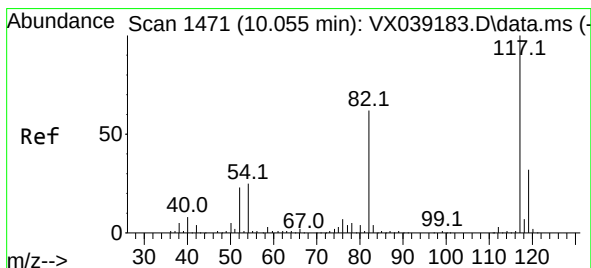
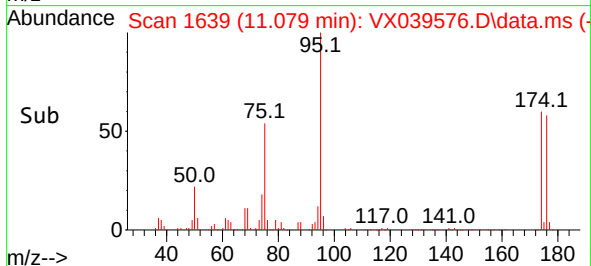
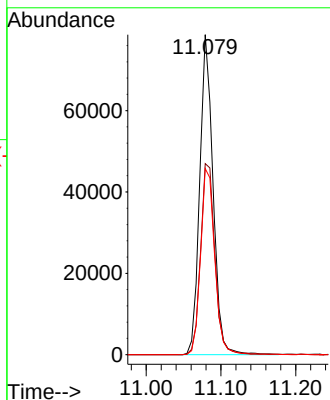
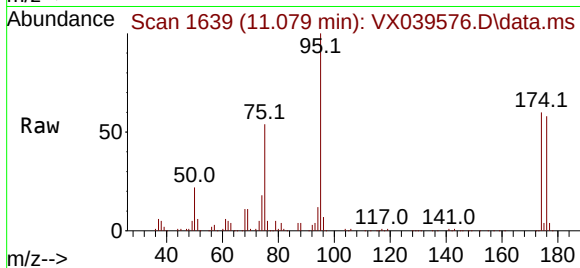
Tgt Ion: 95 Resp: 97277

Ion Ratio Lower Upper

95 100

174 64.5 0.0 135.6

176 62.0 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: VX039576.D

Acq: 02 Jan 2024 16:54

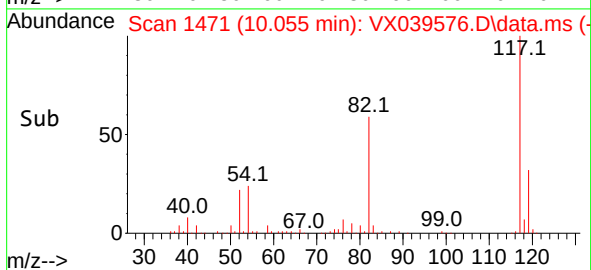
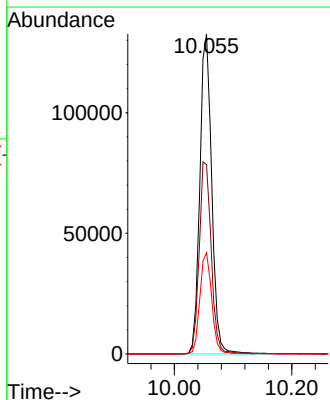
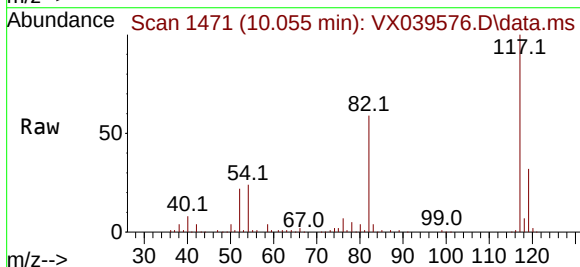
Tgt Ion: 117 Resp: 186555

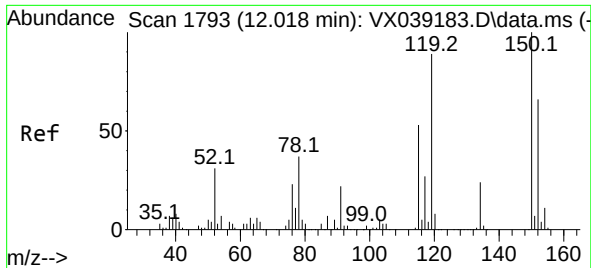
Ion Ratio Lower Upper

117 100

82 59.1 46.2 69.4

119 31.6 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: VX039576.D

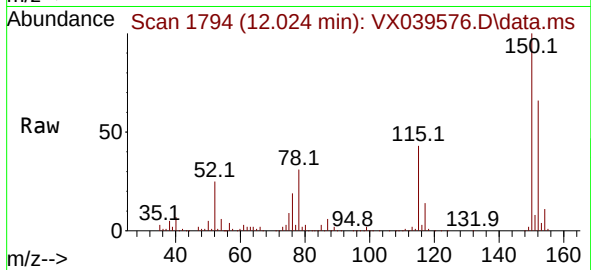
Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_X

ClientSampleId :

1209



Tgt Ion:152 Resp: 80515

Ion Ratio Lower Upper

152 100

115 66.8 43.3 129.9

150 156.9 0.0 345.0

