

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039572.D
 Acq On : 02 Jan 2024 15:23
 Operator : JC/MD
 Sample : P1002-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1215

Quant Time: Jan 03 04:14:06 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)

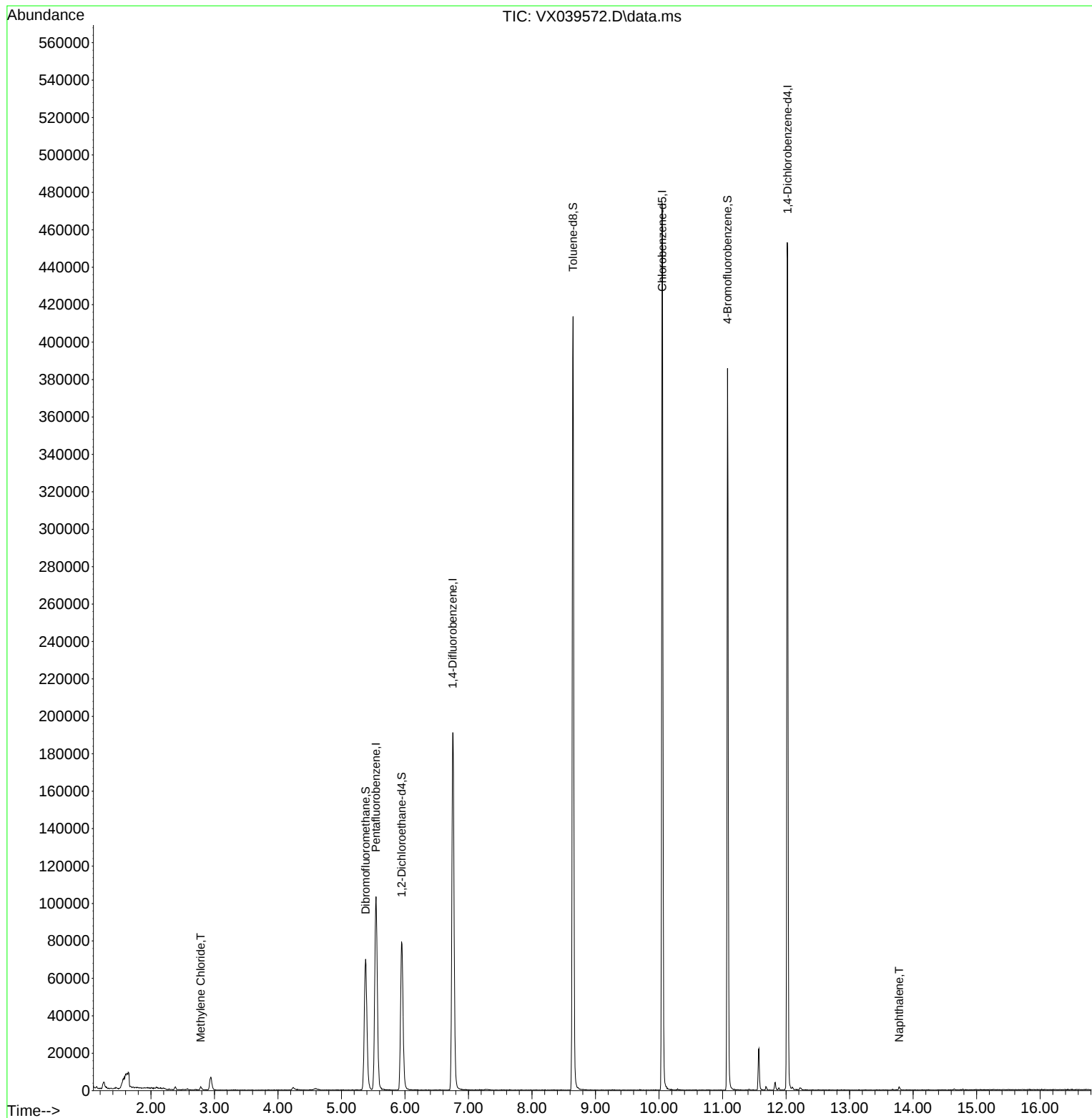
Internal Standards						
1) Pentafluorobenzene	5.544	168	91160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	193344	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	199295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78210	46.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.379	113	61755	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.647	98	247349	49.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	106465	52.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.080%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.782	84	906	0.651	ug/l #	92
95) Naphthalene	13.780	128	1810	0.277	ug/l #	86

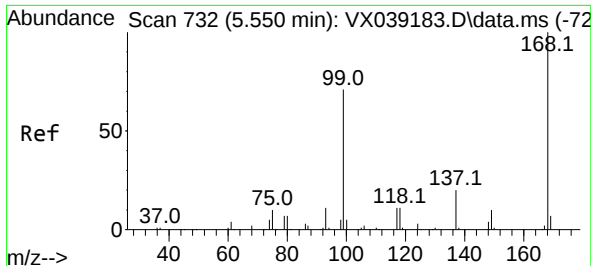
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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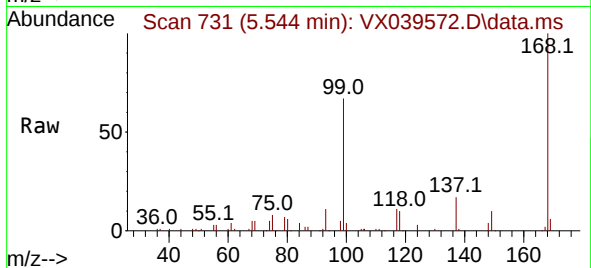
Quant Time: Jan 03 04:14:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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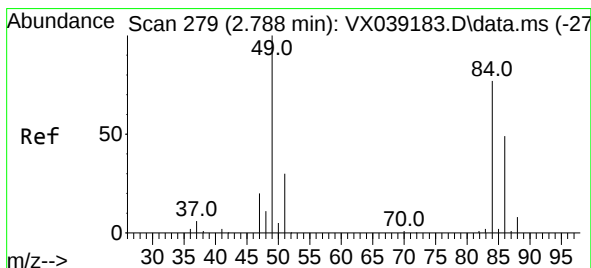
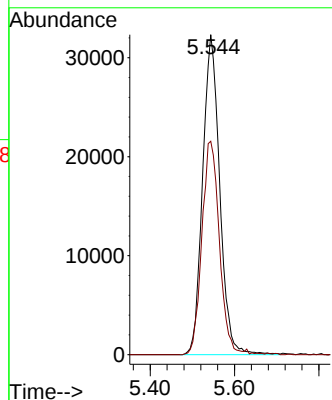
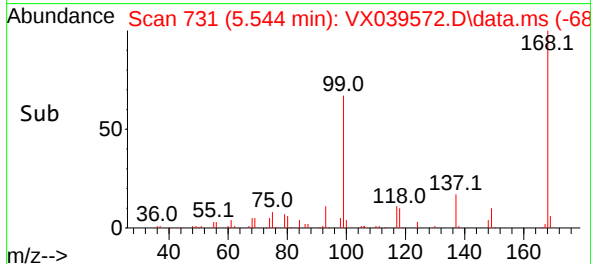


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :
1215

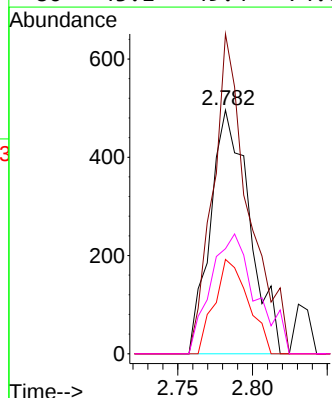
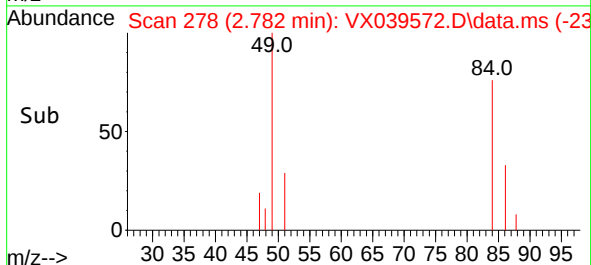
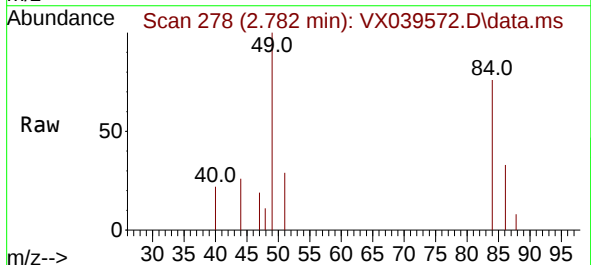


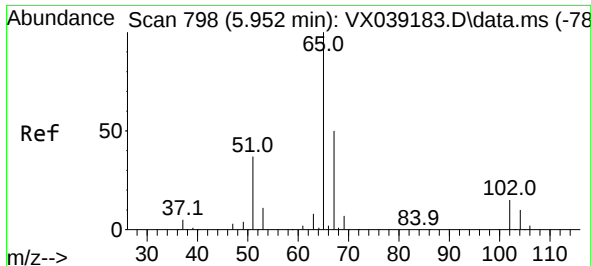
Tgt Ion:168 Resp: 91160
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039572.D
Acq: 02 Jan 2024 15:23

Tgt Ion: 84 Resp: 906
Ion Ratio Lower Upper
84 100
49 131.3 103.6 155.4
51 38.7 33.8 50.6
86 43.1 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 46.833 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

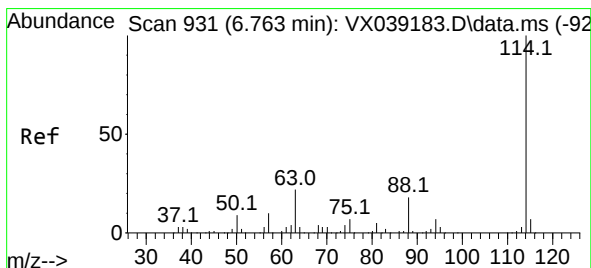
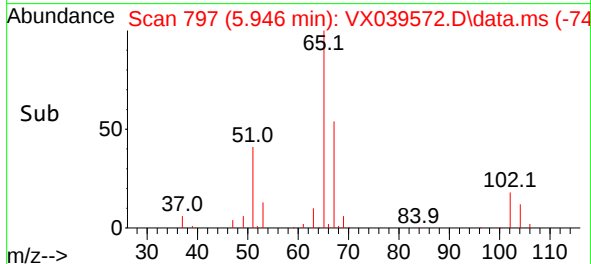
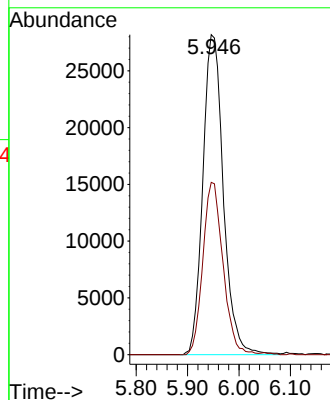
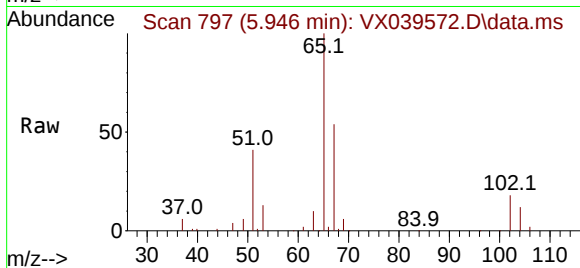
1215

Tgt Ion: 65 Resp: 78210

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

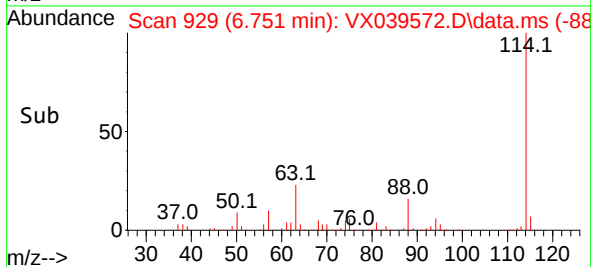
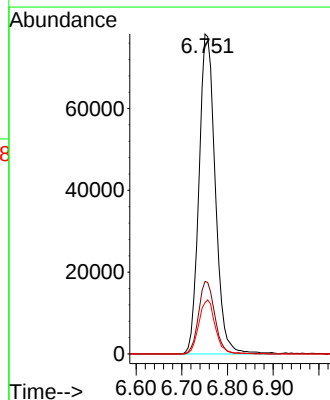
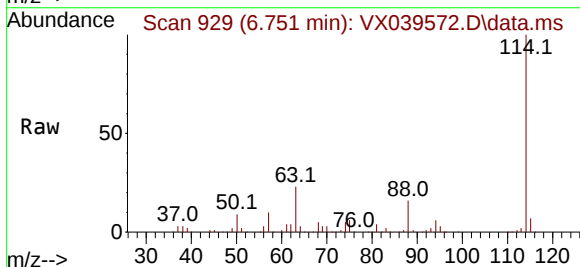
Tgt Ion: 114 Resp: 193344

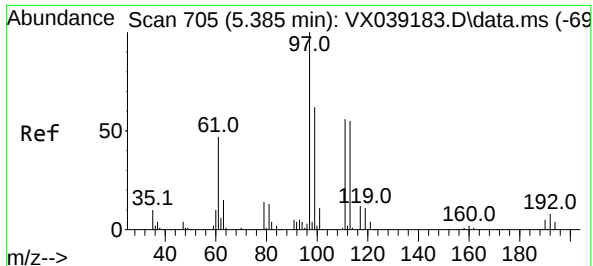
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.234 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039572.D

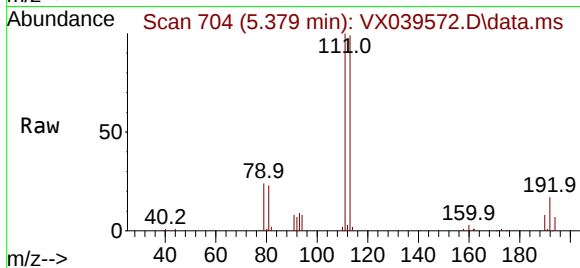
Acq: 02 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

1215



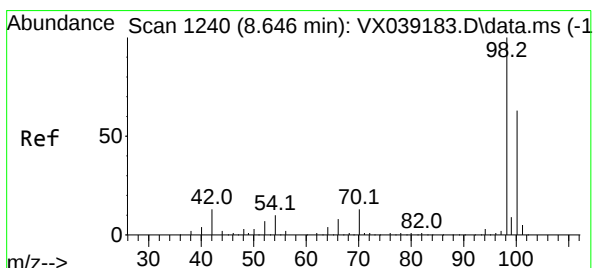
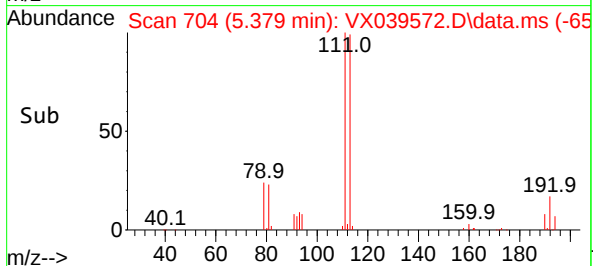
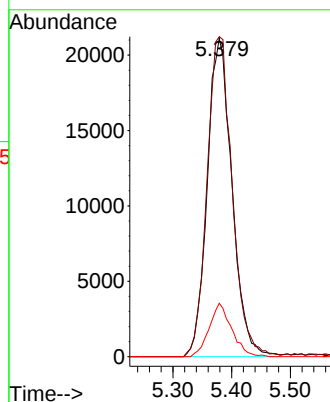
Tgt Ion:113 Resp: 61755

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 15.3 13.3 19.9



#50

Toluene-d8

Concen: 49.880 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039572.D

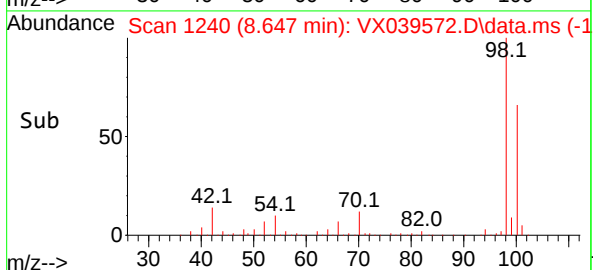
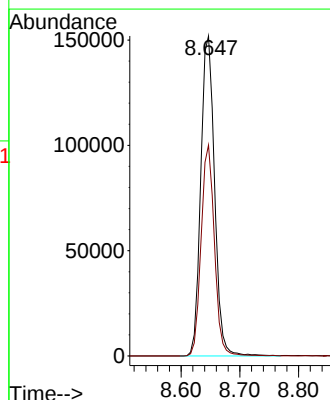
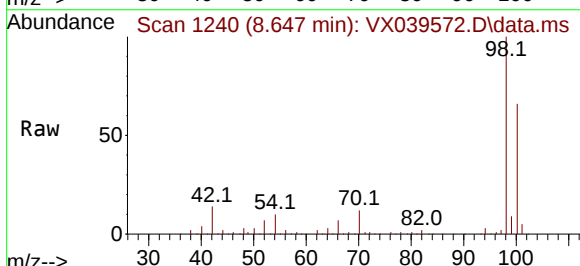
Acq: 02 Jan 2024 15:23

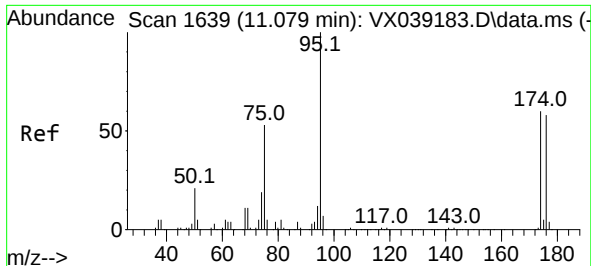
Tgt Ion: 98 Resp: 247349

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 52.035 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

1215

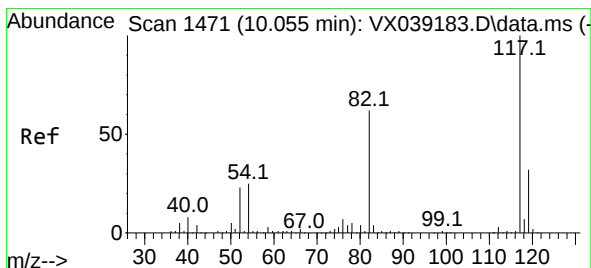
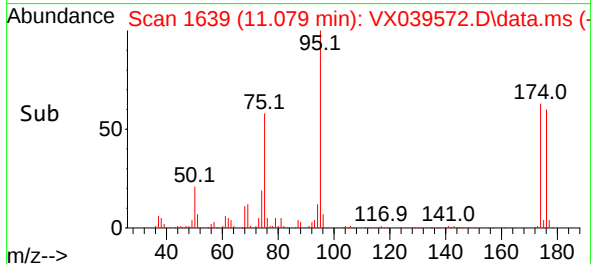
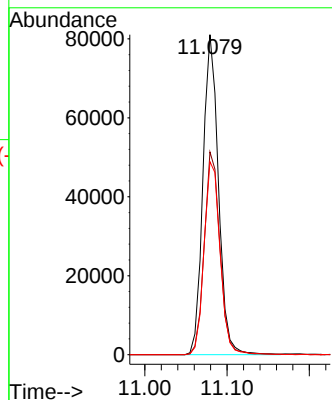
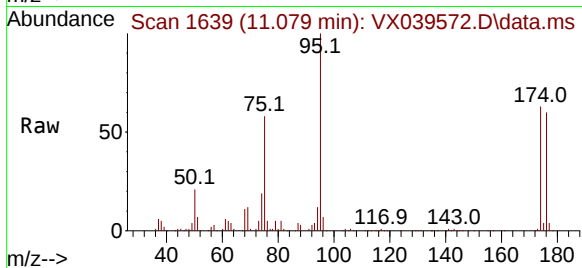
Tgt Ion: 95 Resp: 106465

Ion Ratio Lower Upper

95 100

174 64.3 0.0 135.6

176 62.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039572.D

Acq: 02 Jan 2024 15:23

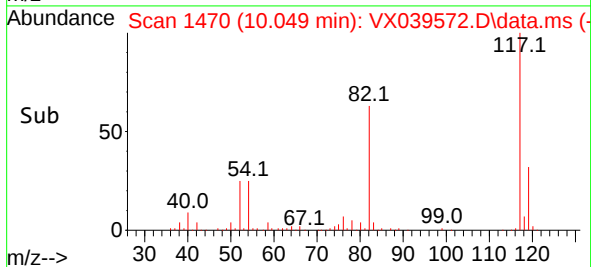
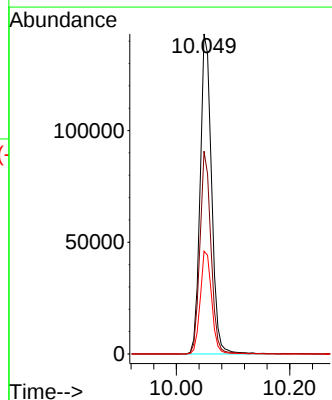
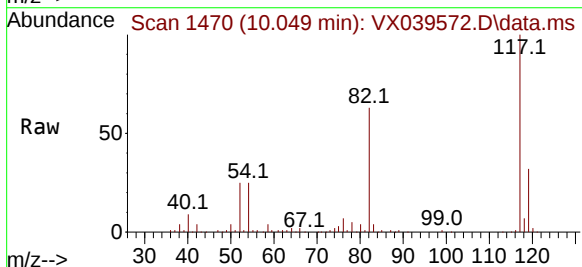
Tgt Ion: 117 Resp: 199295

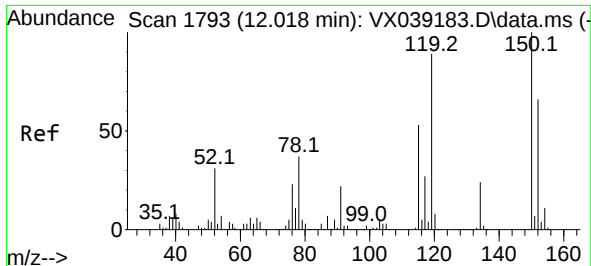
Ion Ratio Lower Upper

117 100

82 63.4 46.2 69.4

119 32.1 25.5 38.3

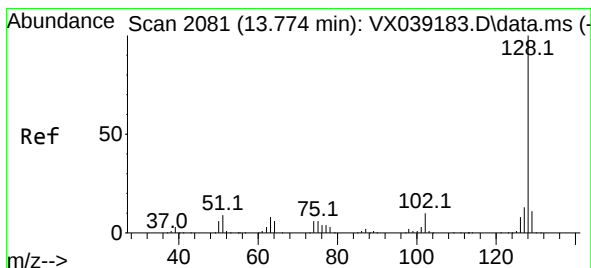
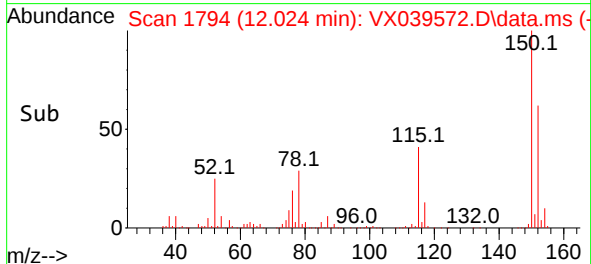
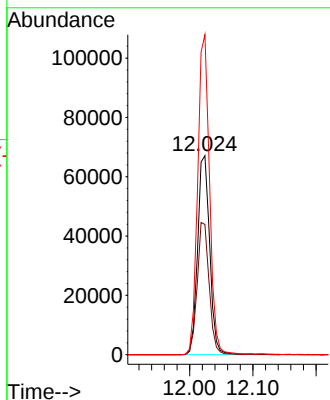
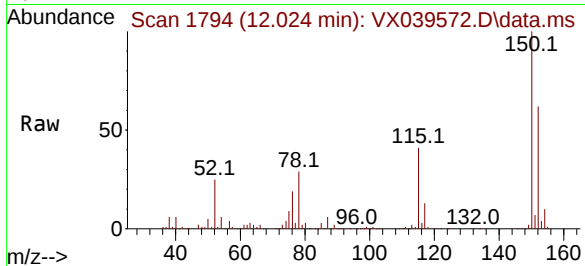




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039572.D
 Acq: 02 Jan 2024 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 1215

Tgt Ion:152 Resp: 89480
 Ion Ratio Lower Upper
 152 100
 115 65.7 43.3 129.9
 150 157.2 0.0 345.0



#95
 Naphthalene
 Concen: 0.277 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX039572.D
 Acq: 02 Jan 2024 15:23

Tgt Ion:128 Resp: 1810
 Ion Ratio Lower Upper
 128 100
 127 8.9 10.3 15.5#
 129 3.8 8.8 13.2#

