

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033044.D
 Acq On : 24 Nov 2022 07:13
 Operator : JC/MD
 Sample : N5741-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: Nov 25 06:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

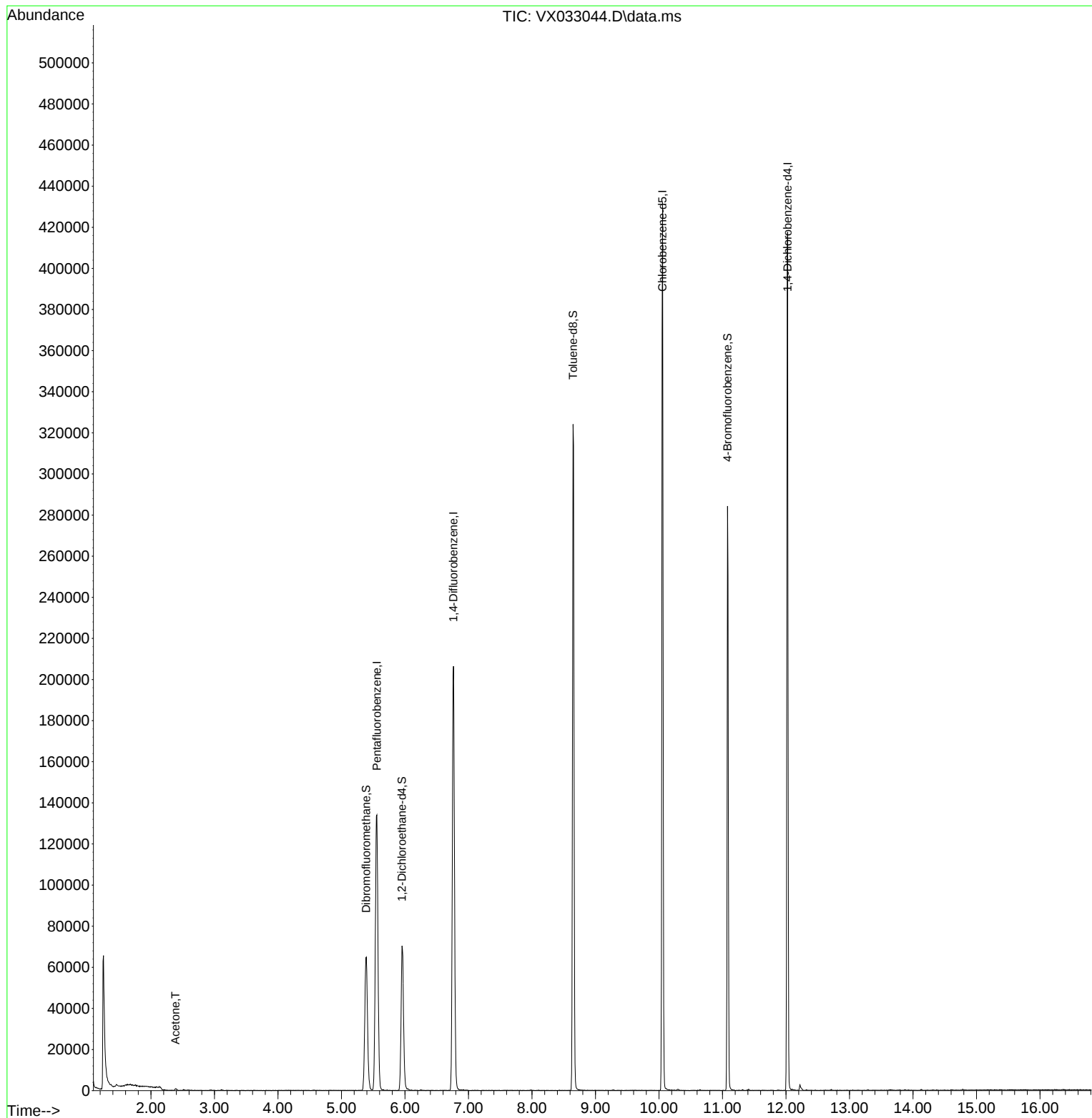
Internal Standards						
1) Pentafluorobenzene	5.556	168	128791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72388	58.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.040%
35) Dibromofluoromethane	5.385	113	57817	48.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	196525	54.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.960%
62) 4-Bromofluorobenzene	11.079	95	71011	45.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
16) Acetone	2.386	43	1215	2.074	ug/l	Qvalue # 84

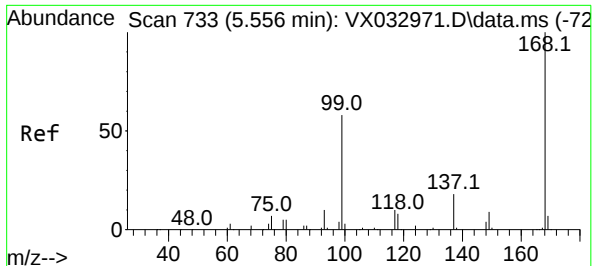
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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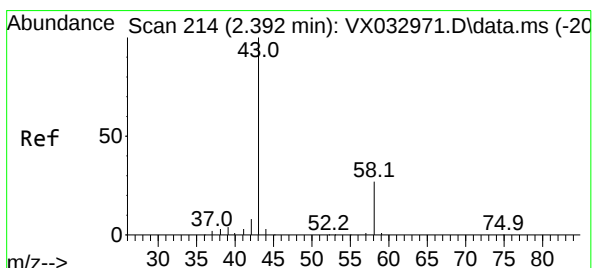
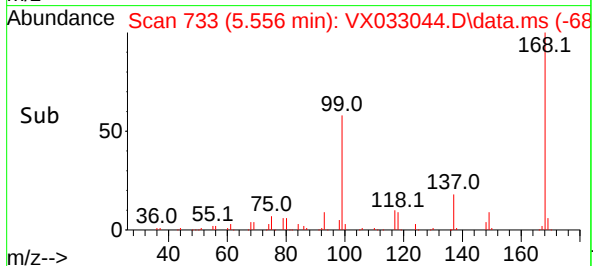
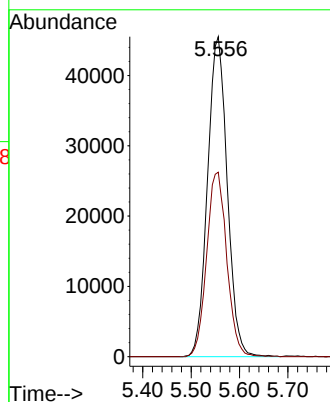
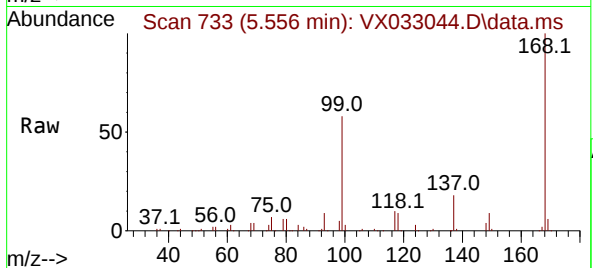




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

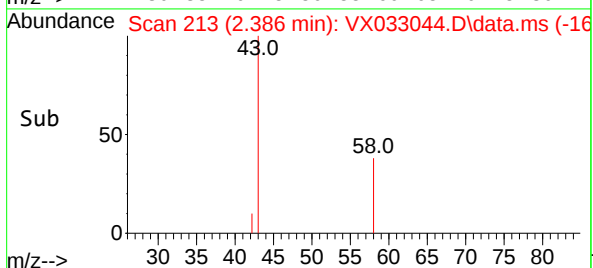
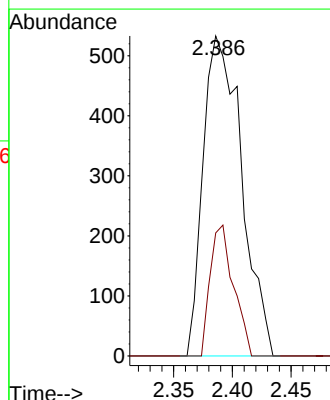
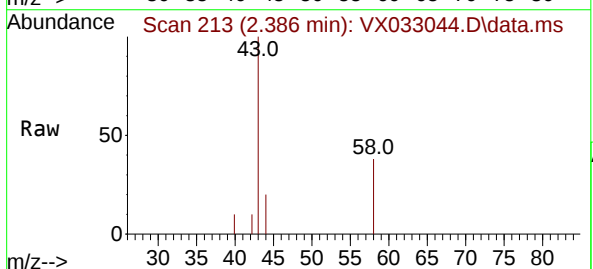
Instrument :
MSVOA_X
ClientSampleId :
MW-36

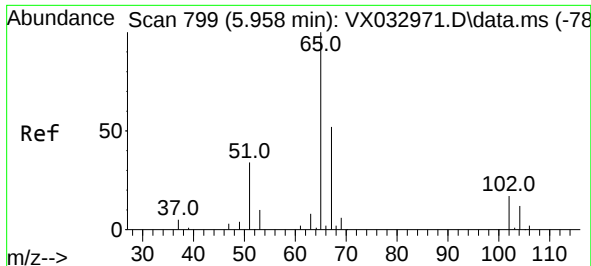
Tgt Ion:168 Resp: 128791
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#16
Acetone
Concen: 2.074 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX033044.D
Acq: 24 Nov 2022 07:13

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 38.5 23.8 35.8#





#33

1,2-Dichloroethane-d4

Concen: 58.023 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

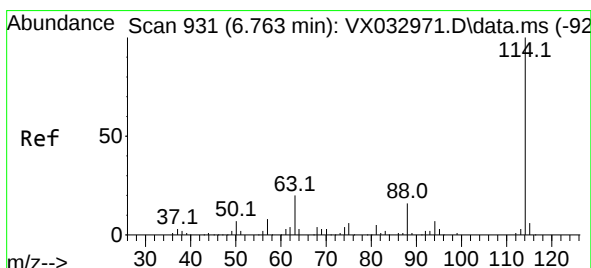
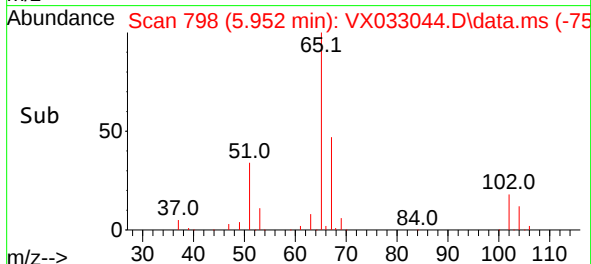
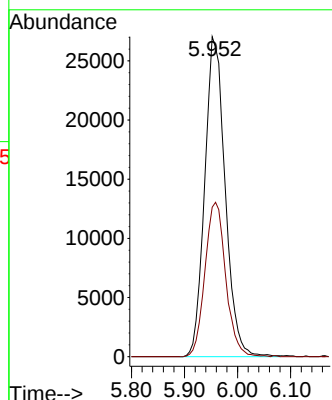
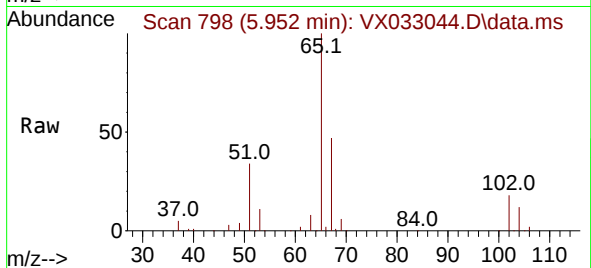
MW-36

Tgt Ion: 65 Resp: 72388

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

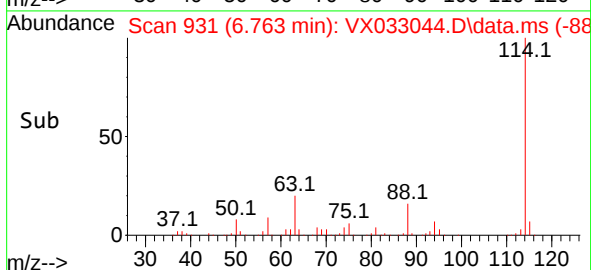
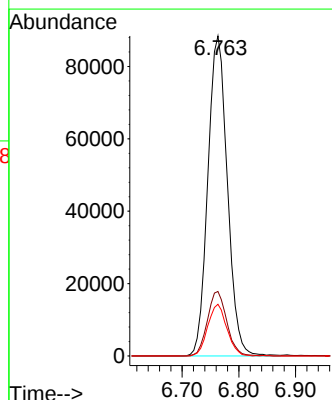
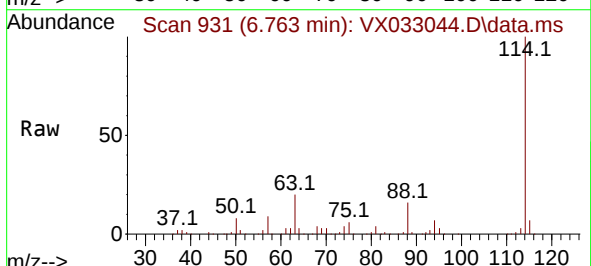
Tgt Ion: 114 Resp: 211550

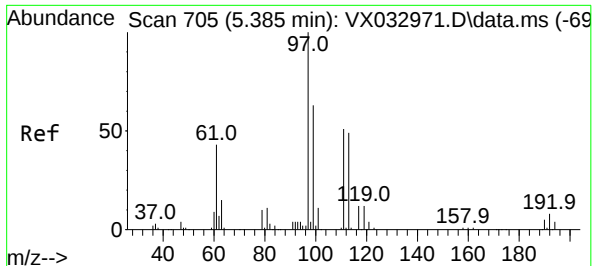
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.478 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

MW-36

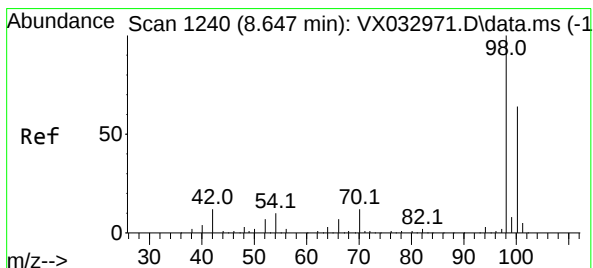
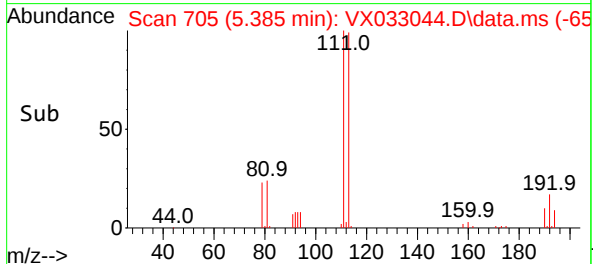
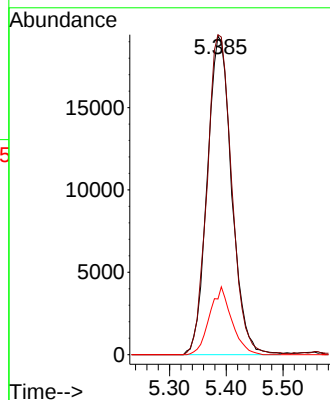
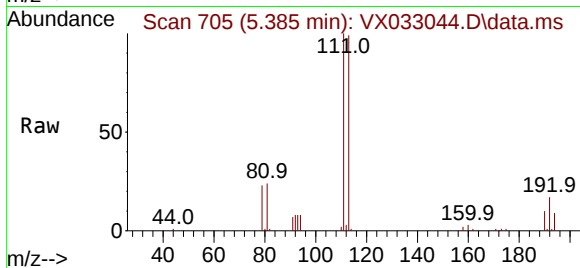
Tgt Ion:113 Resp: 57817

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 54.981 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033044.D

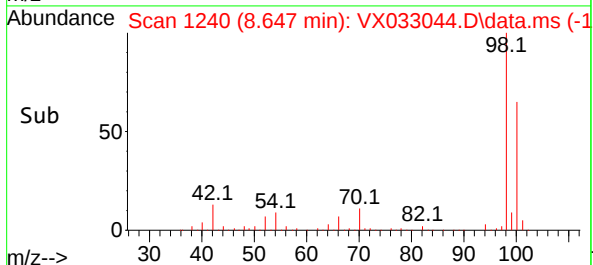
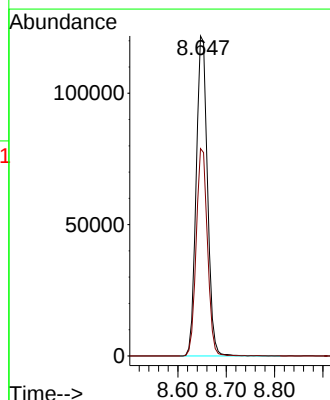
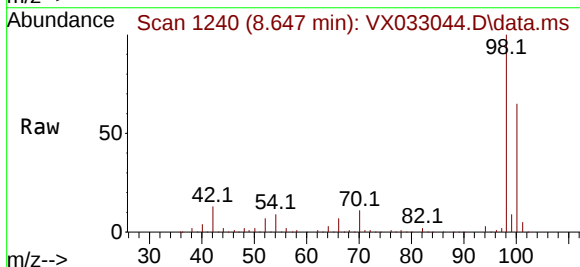
Acq: 24 Nov 2022 07:13

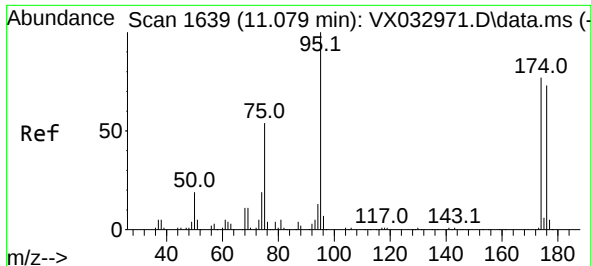
Tgt Ion: 98 Resp: 196525

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.326 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

MW-36

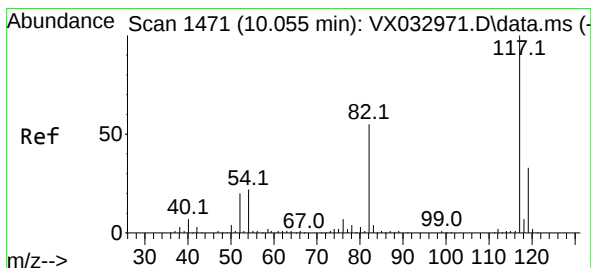
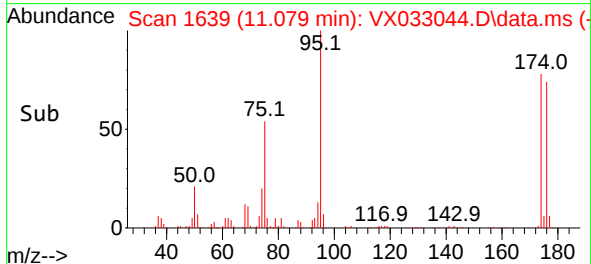
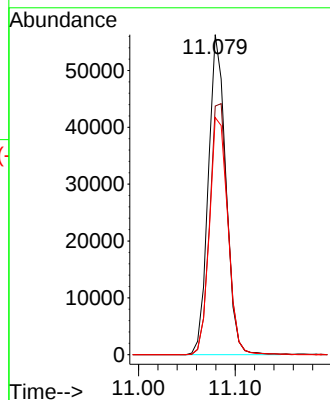
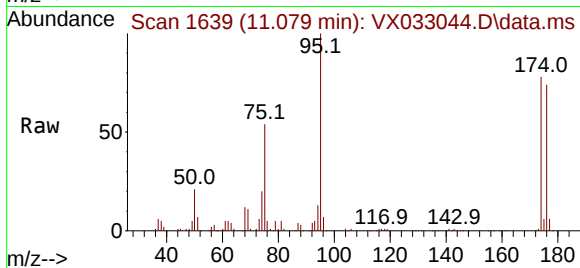
Tgt Ion: 95 Resp: 71011

Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 77.6 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033044.D

Acq: 24 Nov 2022 07:13

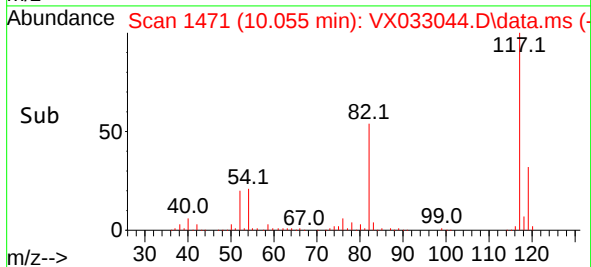
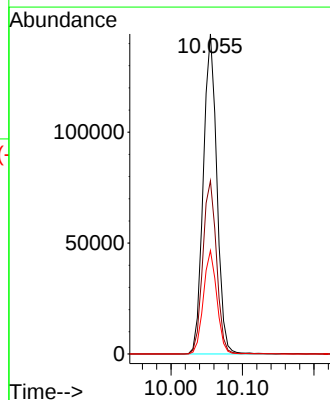
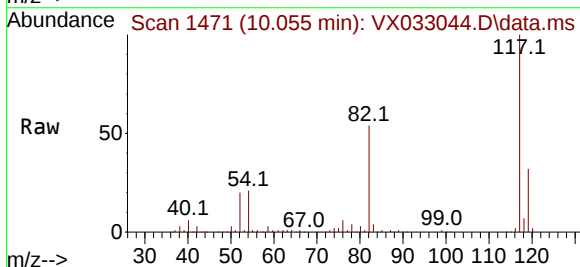
Tgt Ion: 117 Resp: 190206

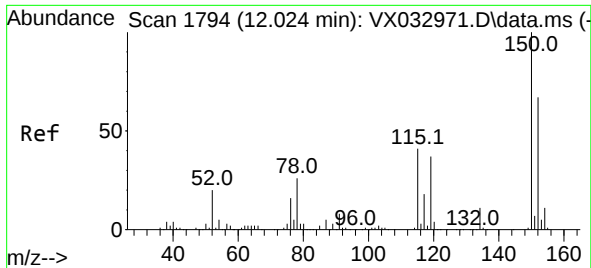
Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033044.D

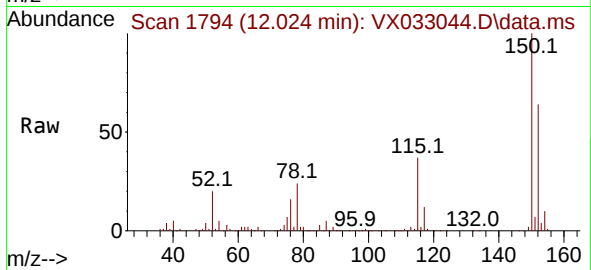
Acq: 24 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

MW-36



Tgt Ion:152 Resp: 87644

Ion Ratio Lower Upper

152 100

115 58.9 44.0 132.0

150 156.2 0.0 351.8

