

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035918.D
 Acq On : 30 May 2023 19:55
 Operator : JC/MD
 Sample : 02955-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07RE

Quant Time: May 31 05:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

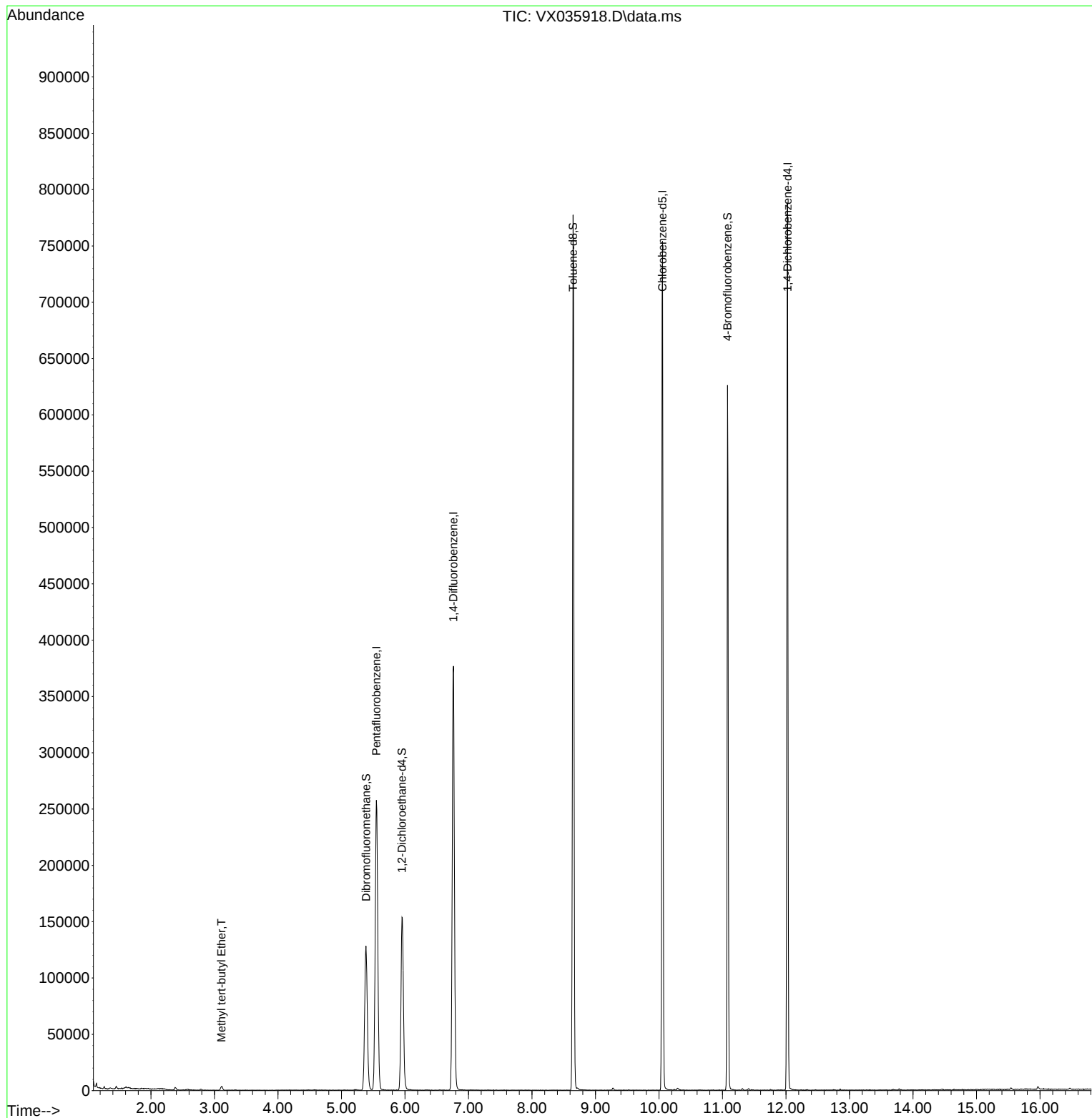
Internal Standards						
1) Pentafluorobenzene	5.550	168	235125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152272	36.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	72.880%#
35) Dibromofluoromethane	5.385	113	114352	43.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.840%
50) Toluene-d8	8.647	98	447741	46.857	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	11.079	95	170795	45.367	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	3521	0.354	ug/l	Qvalue 96

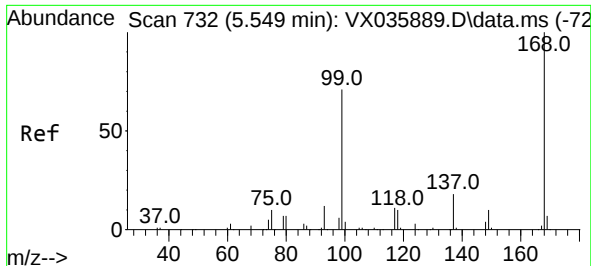
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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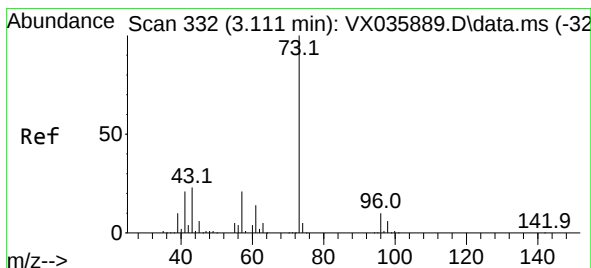
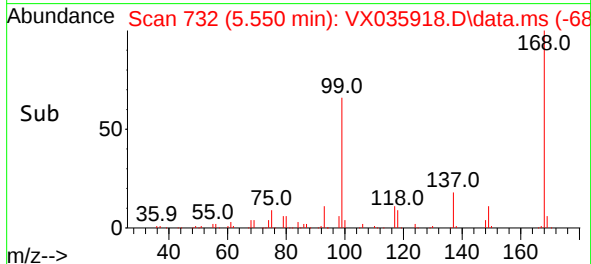
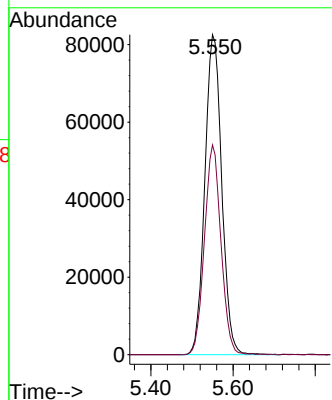
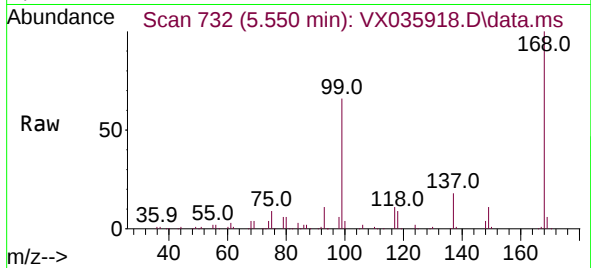




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

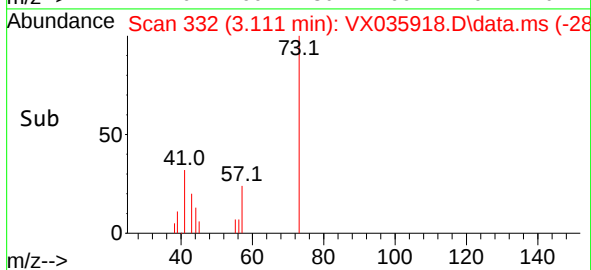
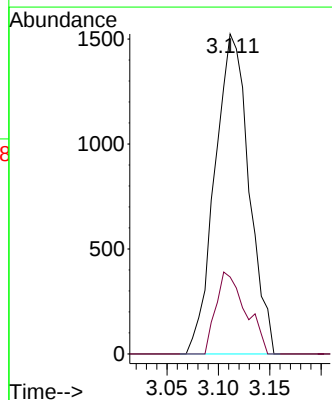
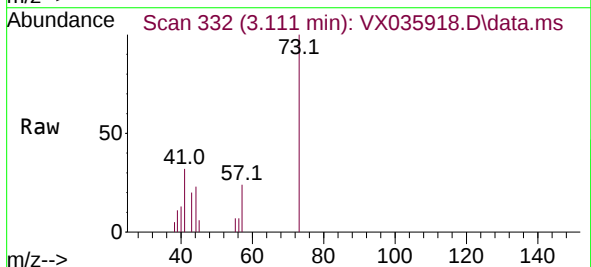
Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

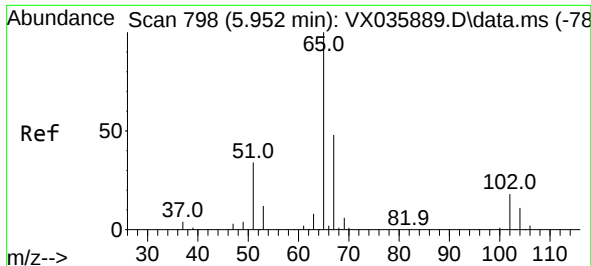
Tgt Ion:168 Resp: 235125
Ion Ratio Lower Upper
168 100
99 65.5 57.0 85.6



#19
Methyl tert-butyl Ether
Concen: 0.354 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 73 Resp: 3521
Ion Ratio Lower Upper
73 100
57 24.0 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 36.443 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035918.D

Acq: 30 May 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

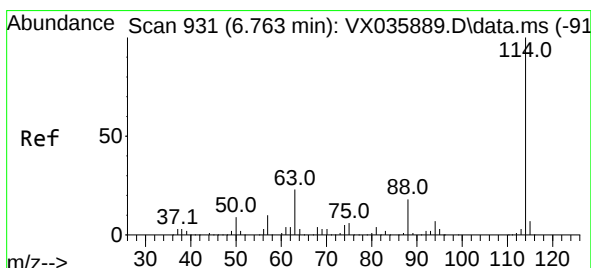
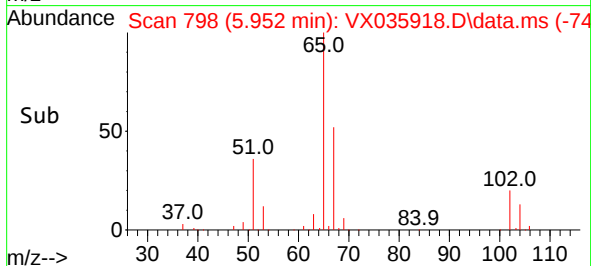
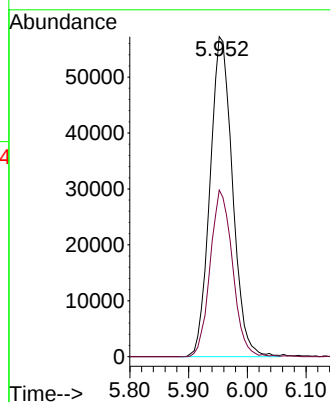
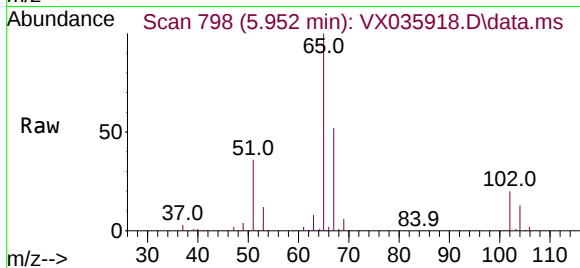
DUP07RE

Tgt Ion: 65 Resp: 152272

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035918.D

Acq: 30 May 2023 19:55

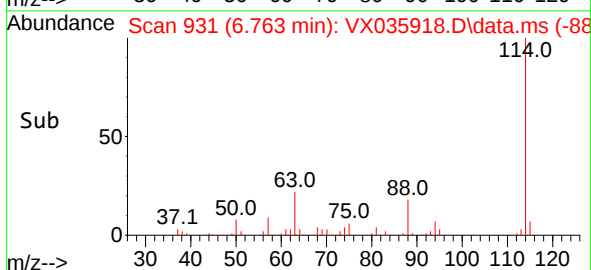
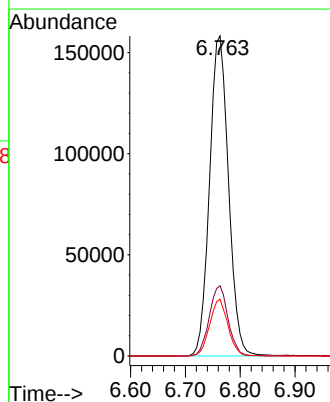
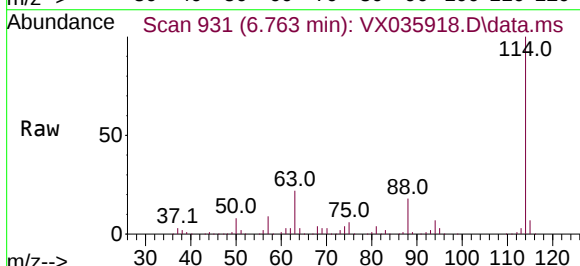
Tgt Ion: 114 Resp: 379044

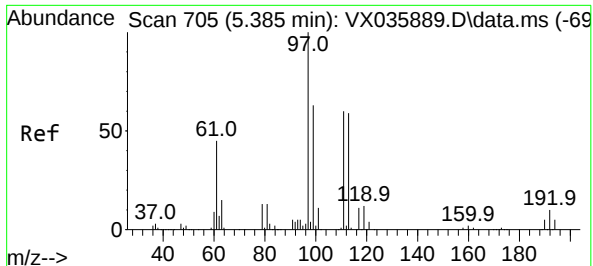
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.0

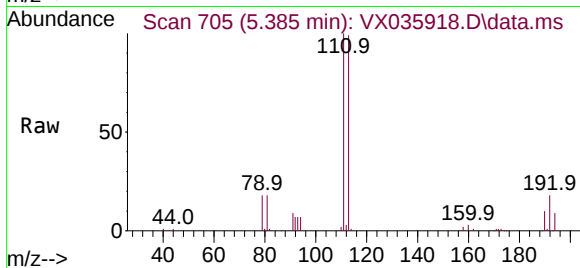
88 17.7 0.0 35.2



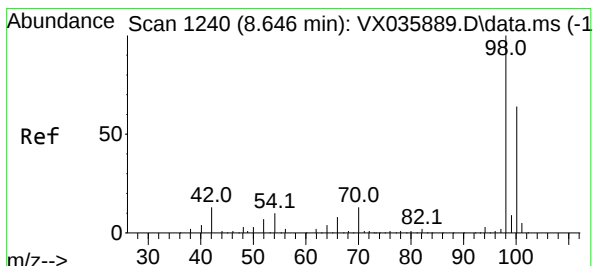
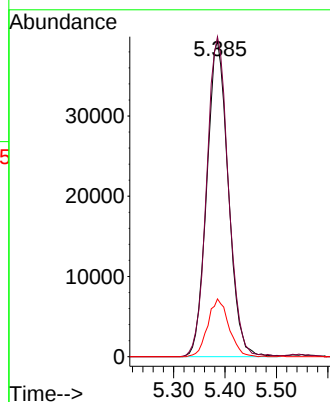
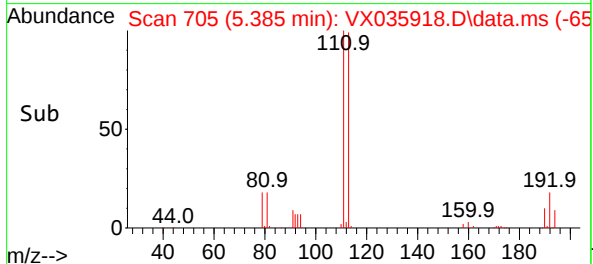


#35
Dibromofluoromethane
Concen: 43.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP07RE

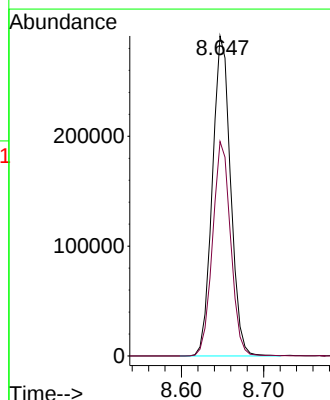
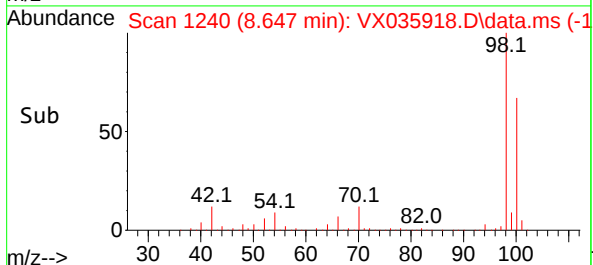
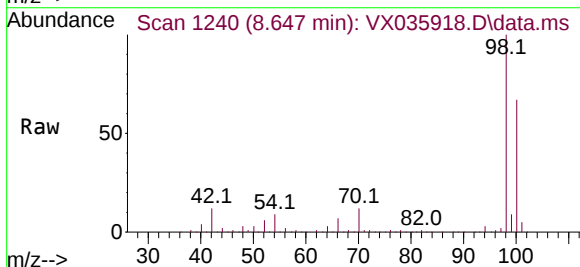


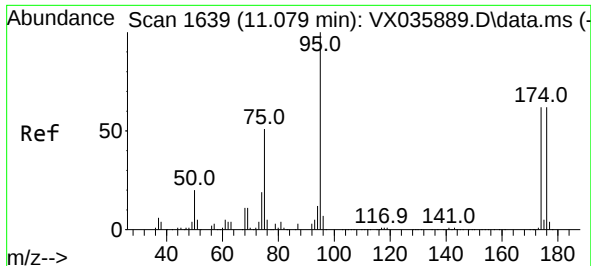
Tgt Ion:113 Resp: 114352
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 18.0 13.5 20.3



#50
Toluene-d8
Concen: 46.857 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035918.D
Acq: 30 May 2023 19:55

Tgt Ion: 98 Resp: 447741
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 45.367 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035918.D

Acq: 30 May 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

DUP07RE

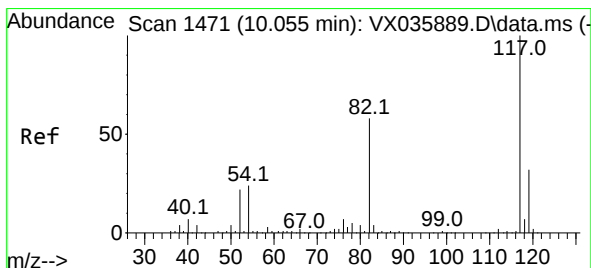
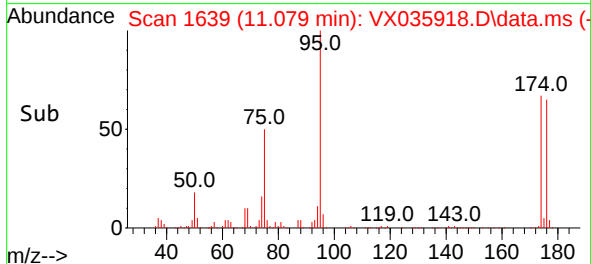
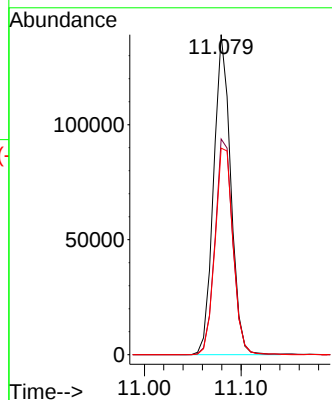
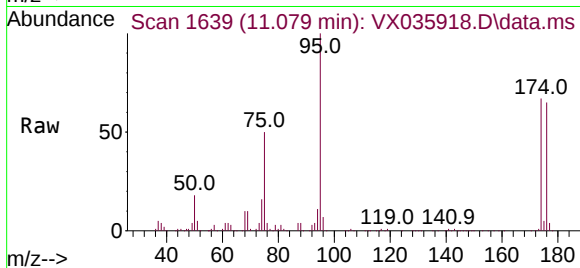
Tgt Ion: 95 Resp: 170795

Ion Ratio Lower Upper

95 100

174 69.9 0.0 132.6

176 68.2 0.0 128.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035918.D

Acq: 30 May 2023 19:55

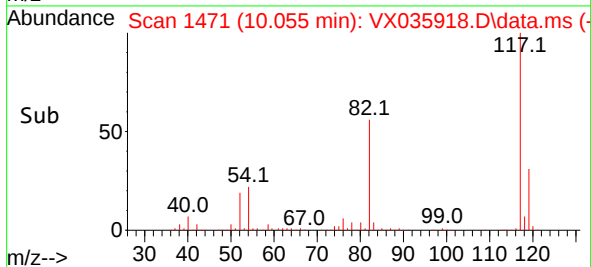
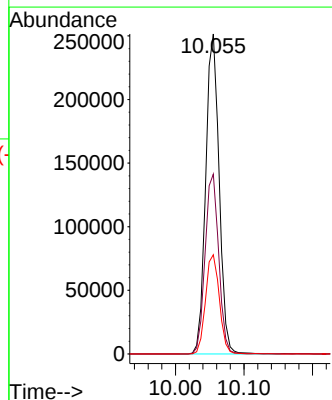
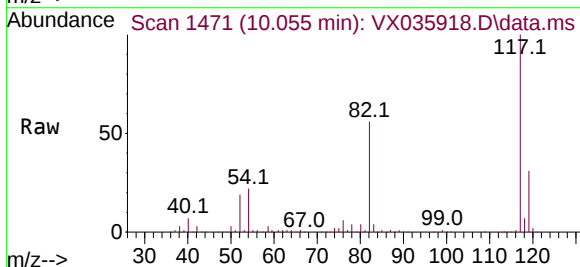
Tgt Ion: 117 Resp: 343255

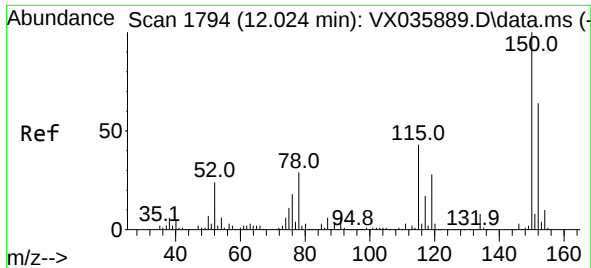
Ion Ratio Lower Upper

117 100

82 56.2 46.6 69.8

119 31.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035918.D

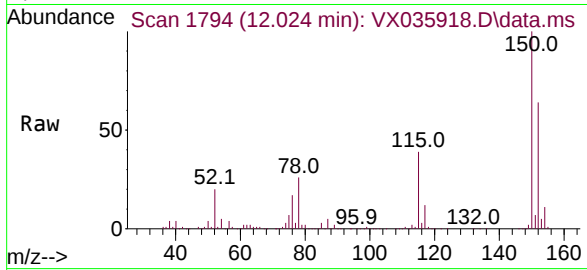
Acq: 30 May 2023 19:55

Instrument :

MSVOA_X

ClientSampleId :

DUP07RE



Tgt Ion:152 Resp: 164264

Ion Ratio Lower Upper

152 100

115 63.5 45.5 136.5

150 158.3 0.0 345.2

