

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032601.D
 Acq On : 05 Nov 2022 03:37
 Operator : JC/MD
 Sample : N5483-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7M

Quant Time: Nov 07 05:08:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

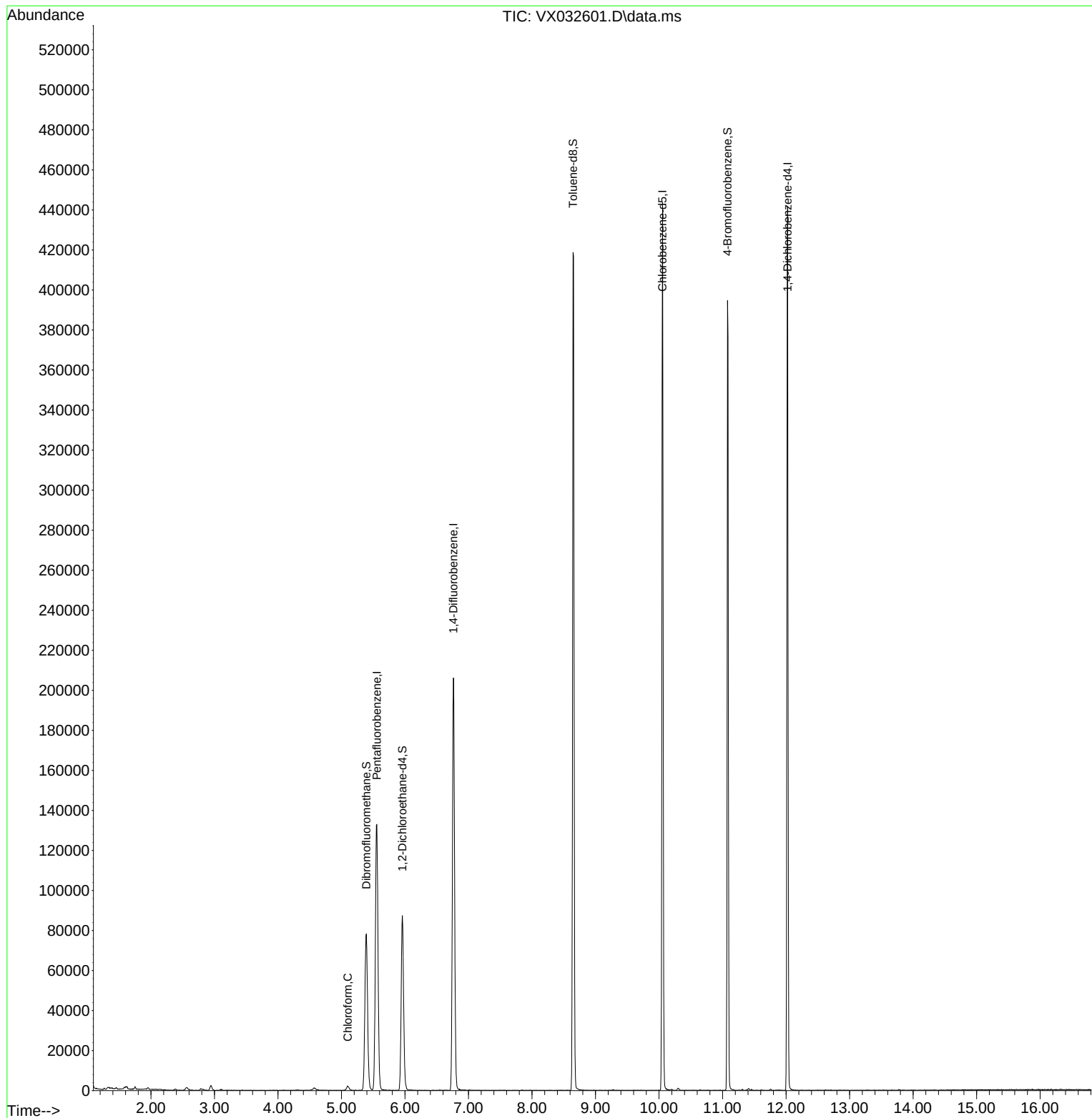
Internal Standards						
1) Pentafluorobenzene	5.556	168	126147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87960	50.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.360%
35) Dibromofluoromethane	5.391	113	67827	45.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.200%
50) Toluene-d8	8.647	98	253533	49.017	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	98371	48.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.380%
Target Compounds						
30) Chloroform	5.099	83	2520	0.915	ug/l	90

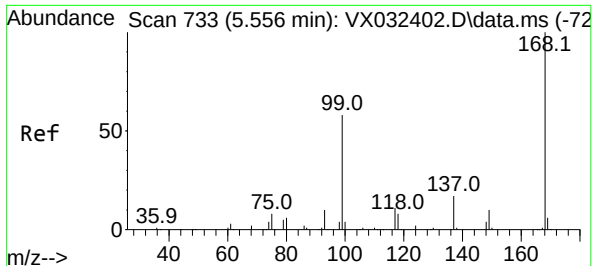
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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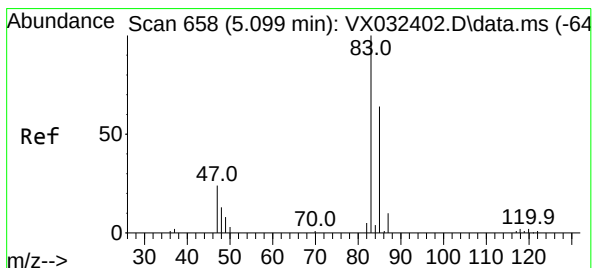
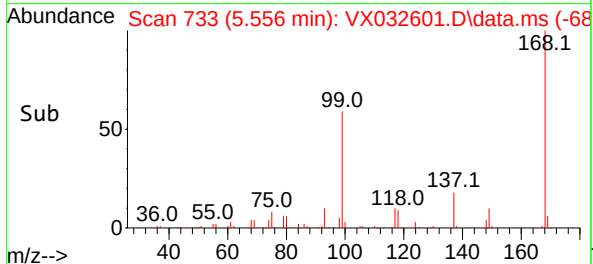
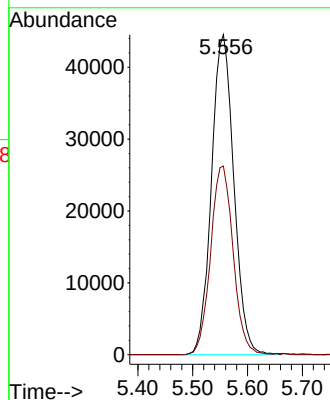
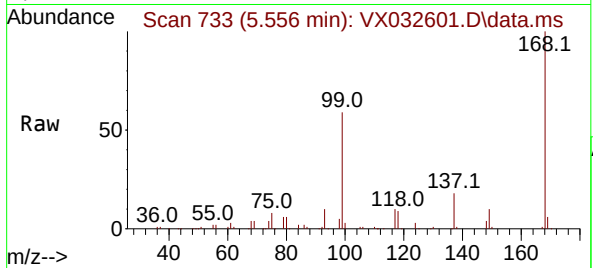




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032601.D
Acq: 05 Nov 2022 03:37

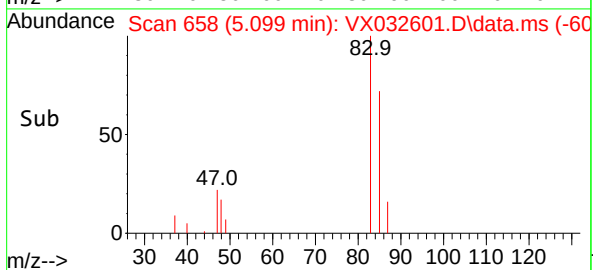
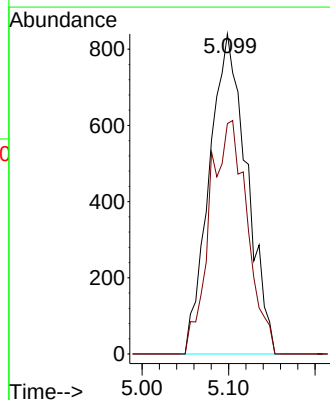
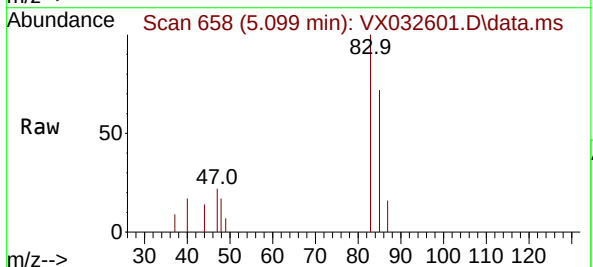
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

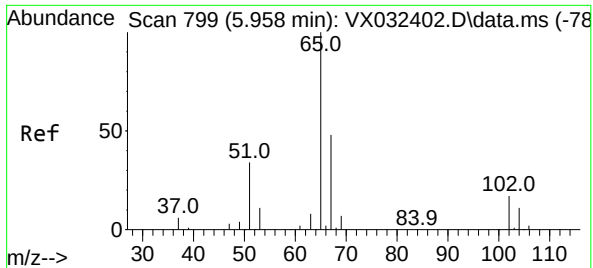
Tgt Ion:168 Resp: 126147
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1



#30
Chloroform
Concen: 0.915 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX032601.D
Acq: 05 Nov 2022 03:37

Tgt Ion: 83 Resp: 2520
Ion Ratio Lower Upper
83 100
85 72.0 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 50.183 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032601.D

Acq: 05 Nov 2022 03:37

Instrument :

MSVOA_X

ClientSampleId :

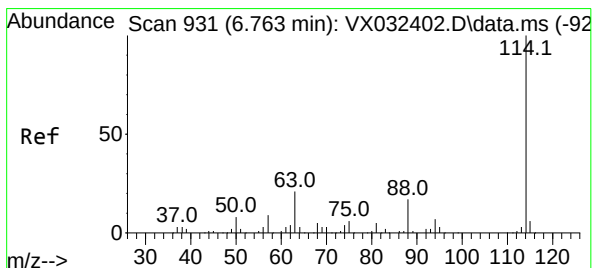
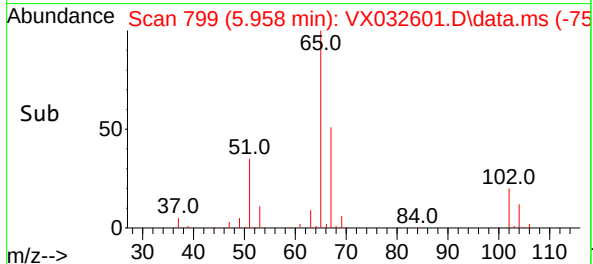
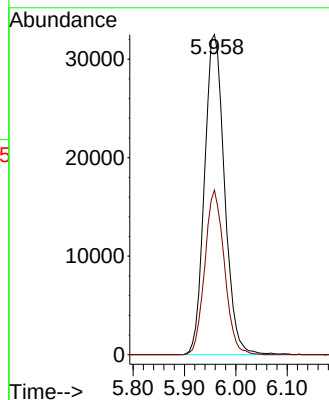
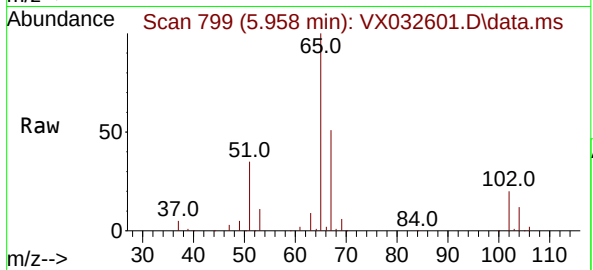
MW-7M

Tgt Ion: 65 Resp: 87960

Ion Ratio Lower Upper

65 100

67 50.2 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: VX032601.D

Acq: 05 Nov 2022 03:37

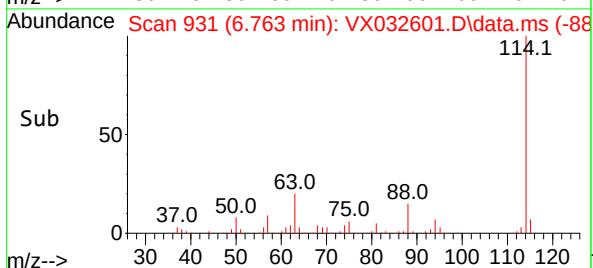
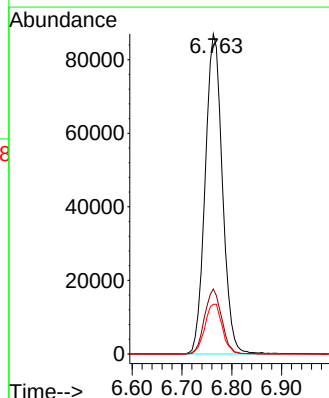
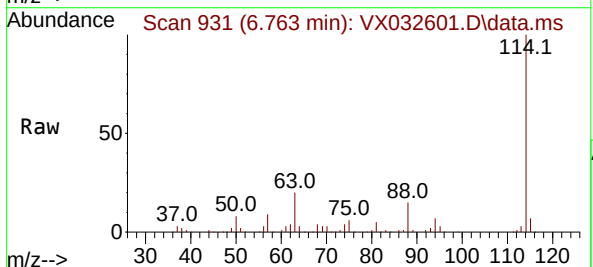
Tgt Ion: 114 Resp: 208534

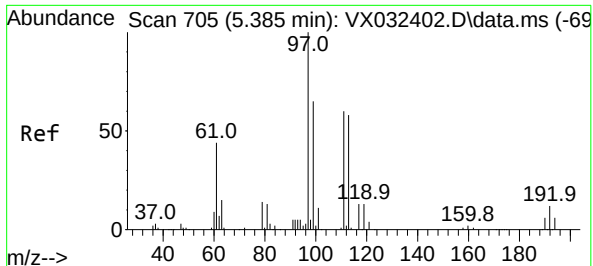
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.598 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032601.D

Acq: 05 Nov 2022 03:37

Instrument :

MSVOA_X

ClientSampleId :

MW-7M

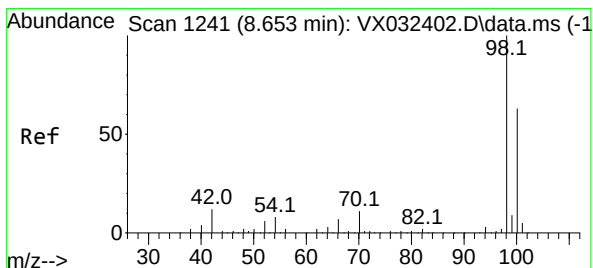
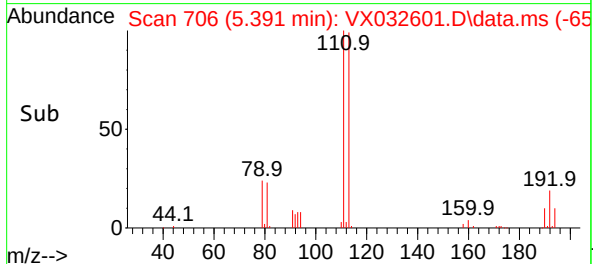
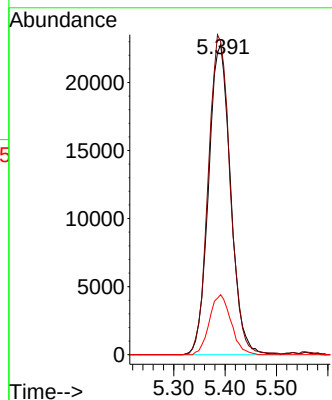
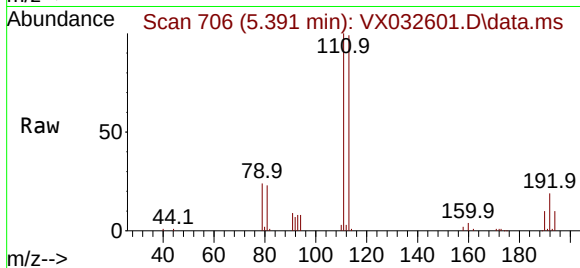
Tgt Ion:113 Resp: 67827

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 18.9 15.4 23.2



#50

Toluene-d8

Concen: 49.017 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032601.D

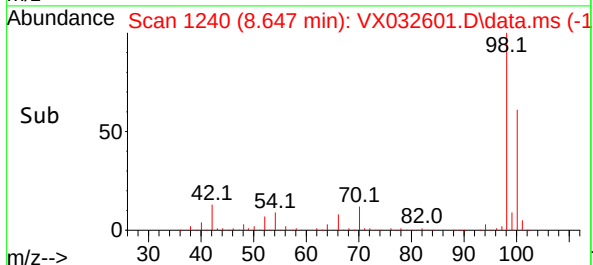
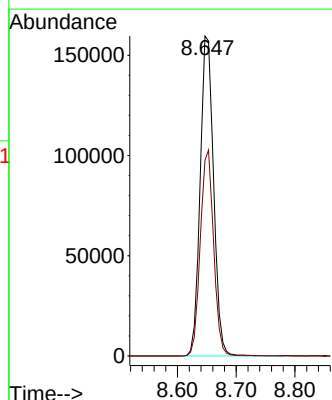
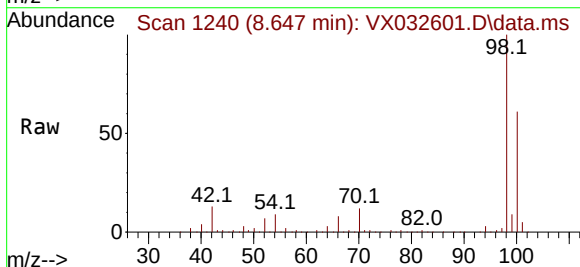
Acq: 05 Nov 2022 03:37

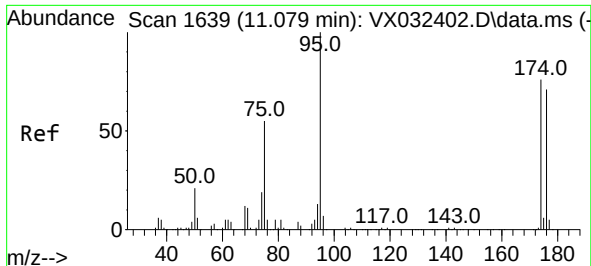
Tgt Ion: 98 Resp: 253533

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3

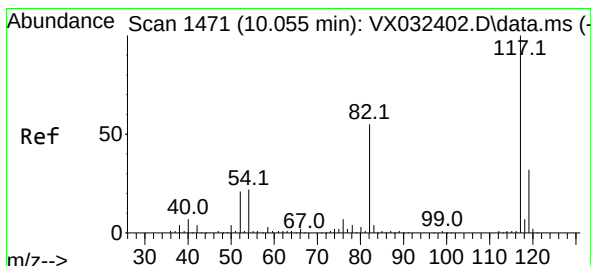
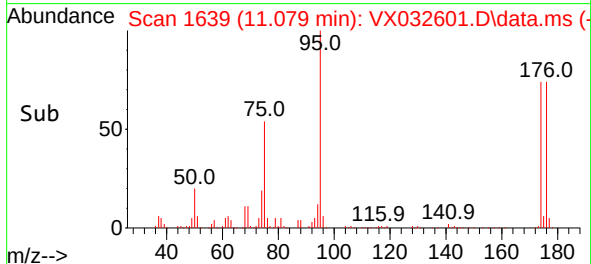
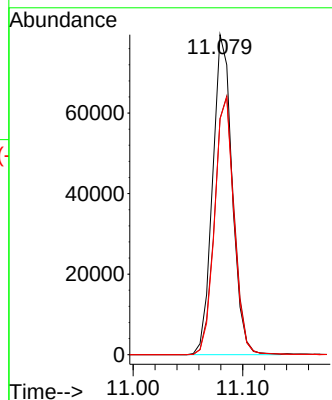
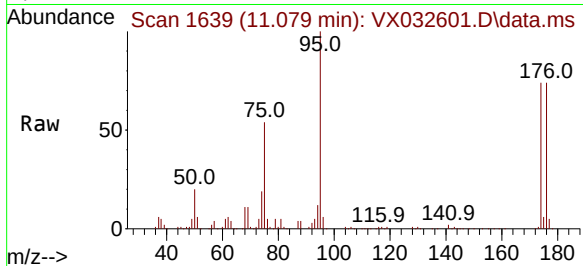




#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032601.D
Acq: 05 Nov 2022 03:37

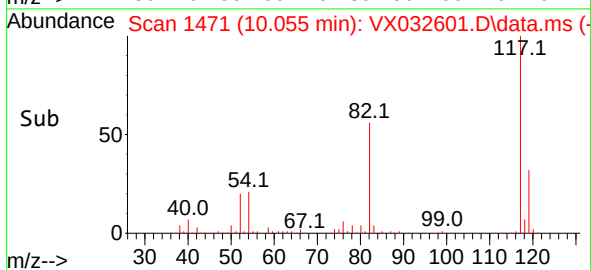
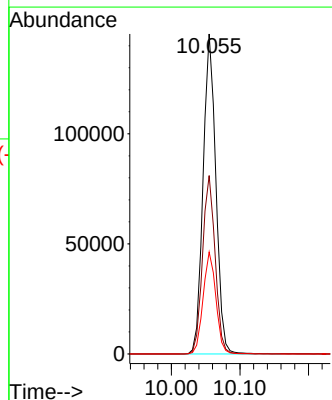
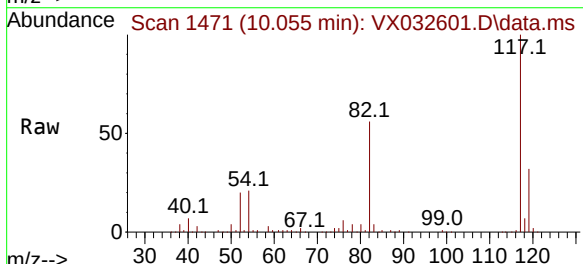
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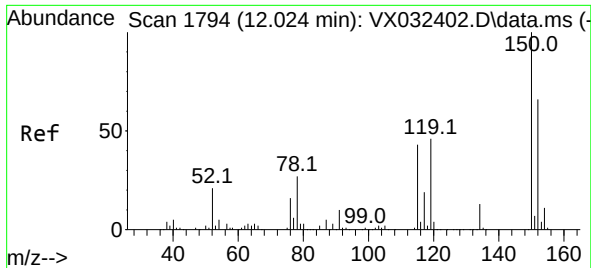
Tgt Ion: 95 Resp: 98371
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032601.D
Acq: 05 Nov 2022 03:37

Tgt Ion: 117 Resp: 188585
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 31.9 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: VX032601.D

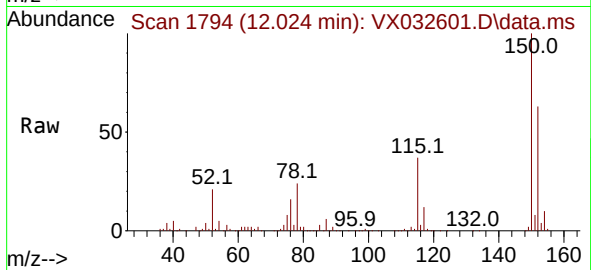
Acq: 05 Nov 2022 03:37

Instrument :

MSVOA_X

ClientSampleId :

MW-7M



Tgt Ion:152 Resp: 89826

Ion Ratio Lower Upper

152 100

115 58.9 44.0 132.0

150 156.1 0.0 351.8

