

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032114.D
 Acq On : 13 Oct 2022 16:36
 Operator : JC/MD
 Sample : PB148305TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB148305TB

Quant Time: Oct 14 07:52:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

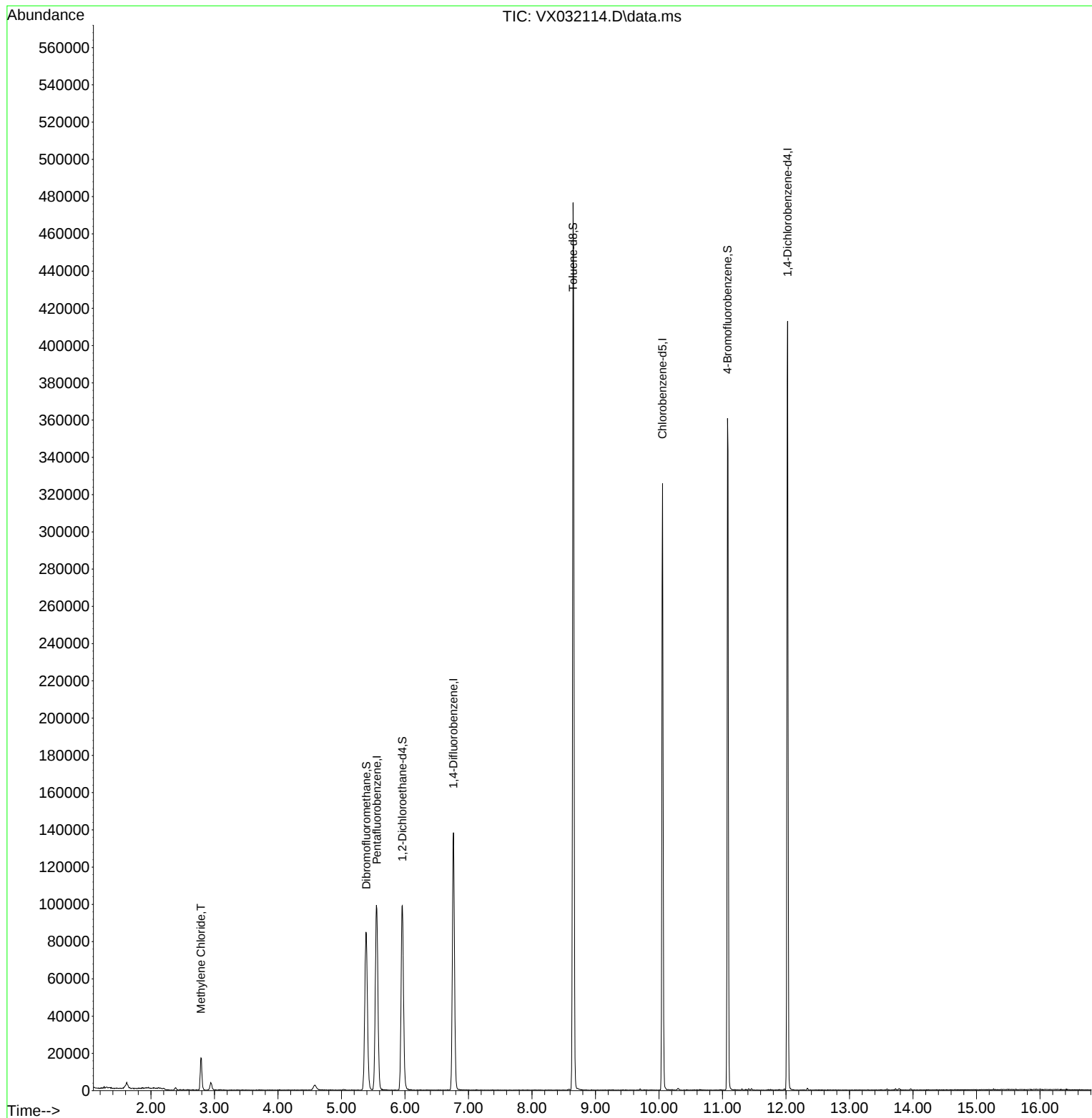
Internal Standards						
1) Pentafluorobenzene	5.556	168	90127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98598	52.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	5.391	113	73362	48.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	270238	49.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	94110	48.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%
Target Compounds						
20) Methylene Chloride	2.788	84	8053	4.844	ug/l	Qvalue 92

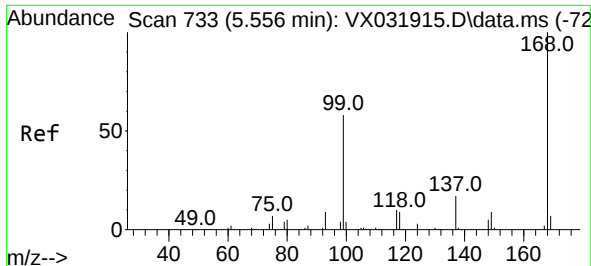
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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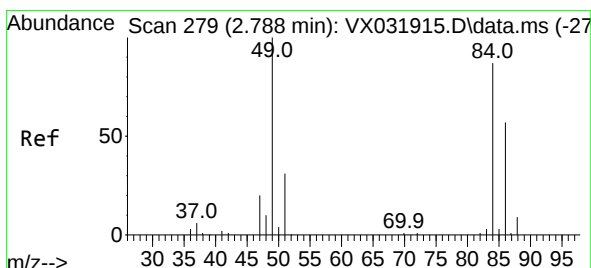
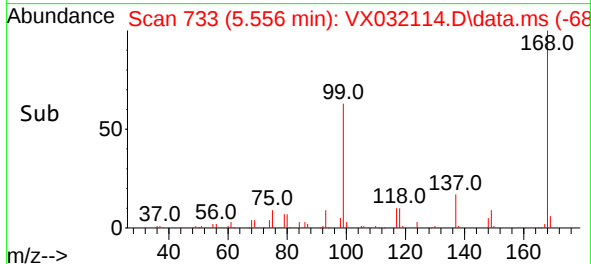
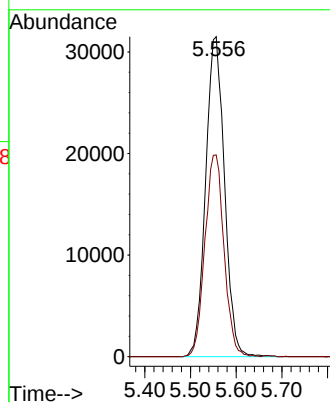
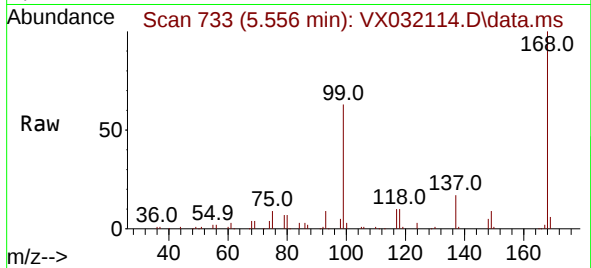




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

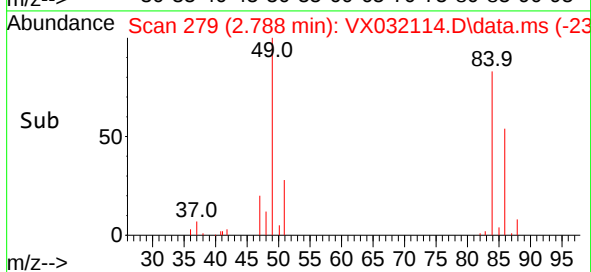
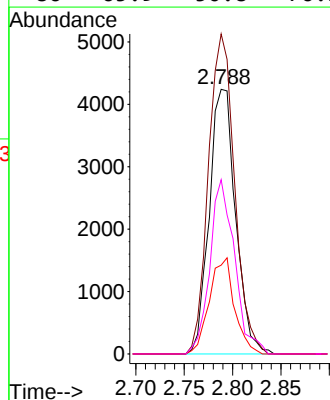
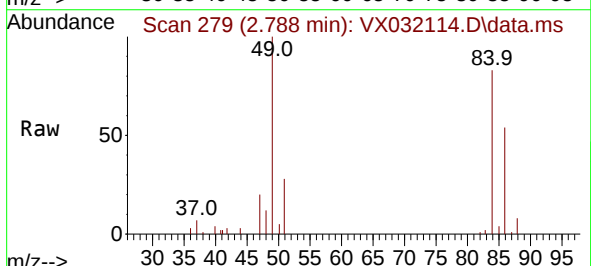
Instrument :
MSVOA_X
ClientSampleId :
PB148305TB

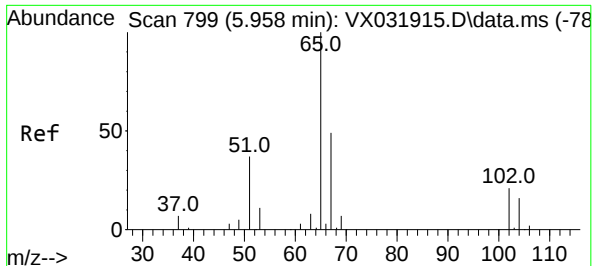
Tgt Ion:168 Resp: 90127
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#20
Methylene Chloride
Concen: 4.844 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

Tgt Ion: 84 Resp: 8053
Ion Ratio Lower Upper
84 100
49 120.9 105.9 158.9
51 33.5 32.2 48.2
86 65.9 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 52.972 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032114.D

Acq: 13 Oct 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

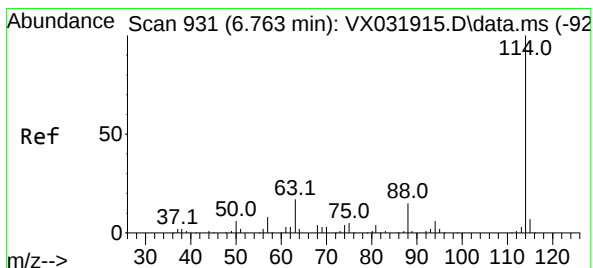
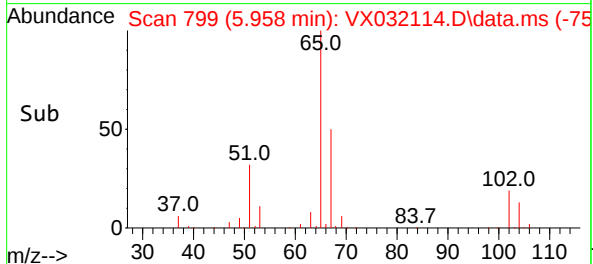
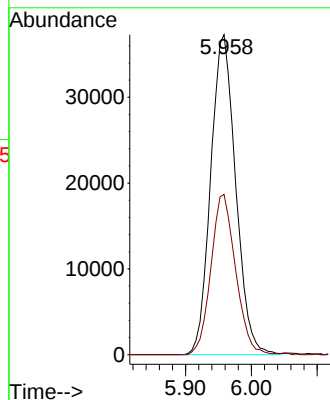
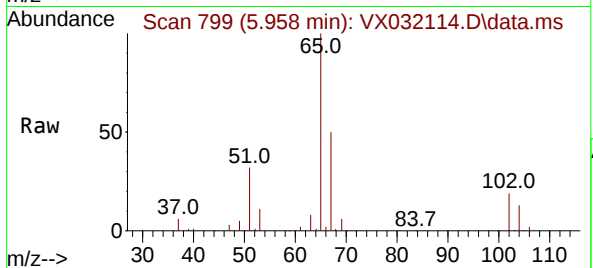
PB148305TB

Tgt Ion: 65 Resp: 98598

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032114.D

Acq: 13 Oct 2022 16:36

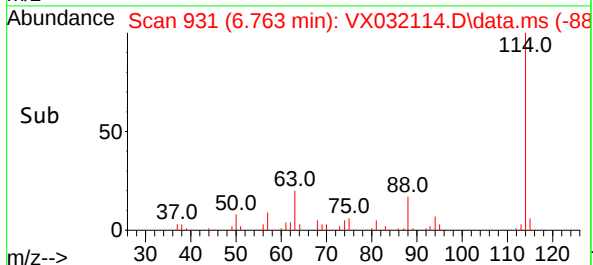
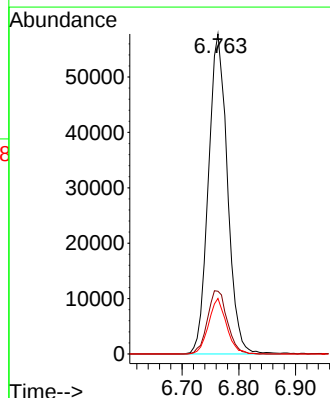
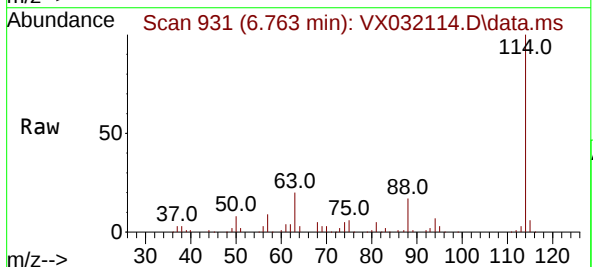
Tgt Ion: 114 Resp: 134714

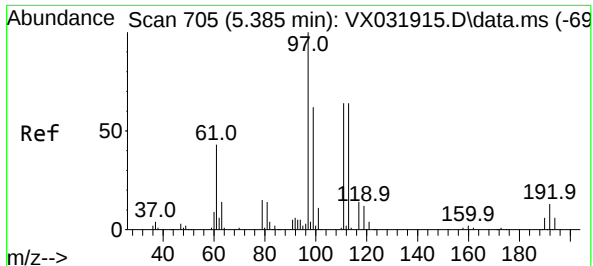
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 17.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.110 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032114.D

Acq: 13 Oct 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

PB148305TB

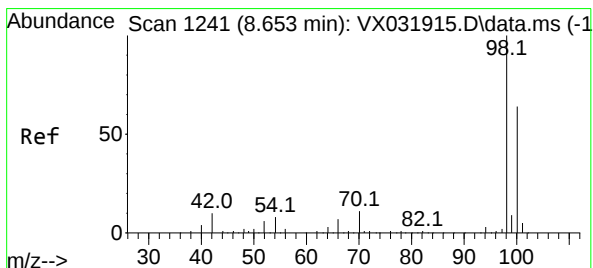
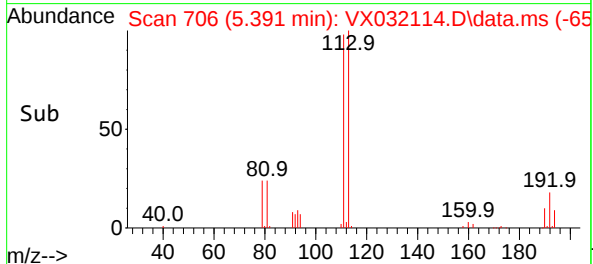
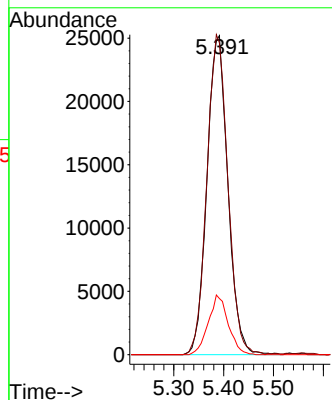
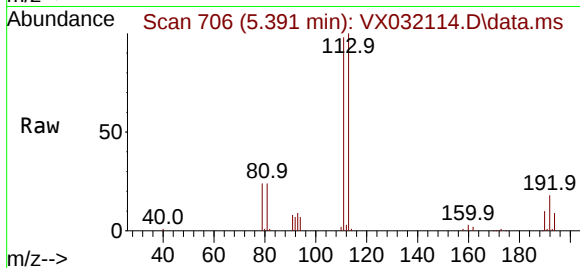
Tgt Ion:113 Resp: 73362

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

192 17.8 14.1 21.1



#50

Toluene-d8

Concen: 49.250 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032114.D

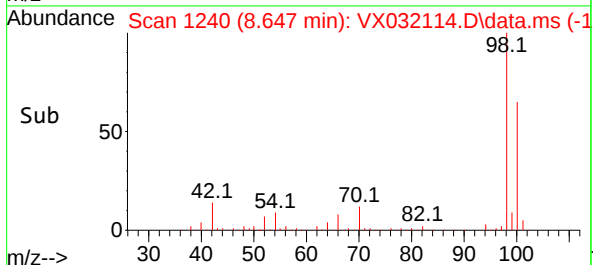
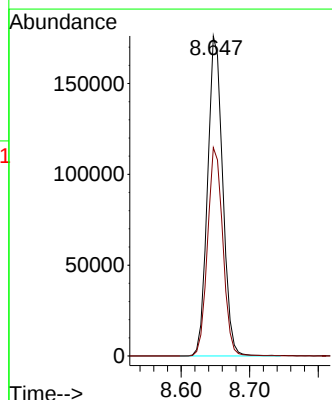
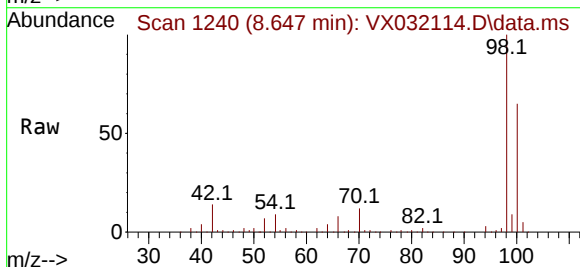
Acq: 13 Oct 2022 16:36

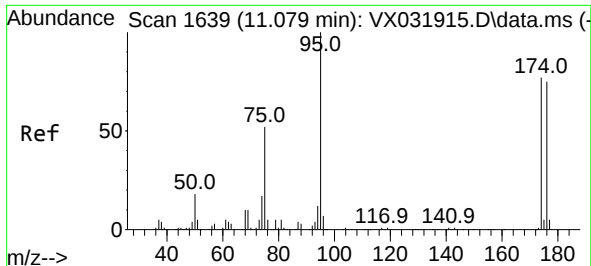
Tgt Ion: 98 Resp: 270238

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

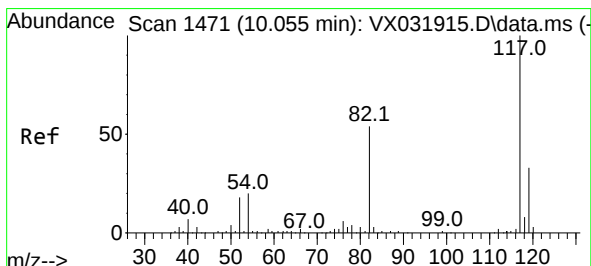
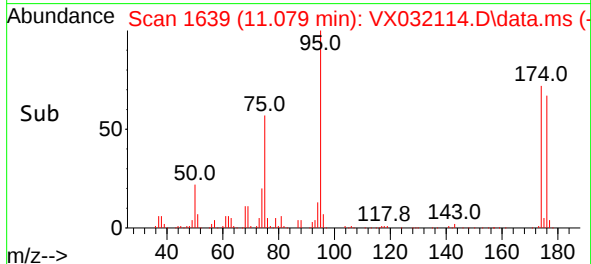
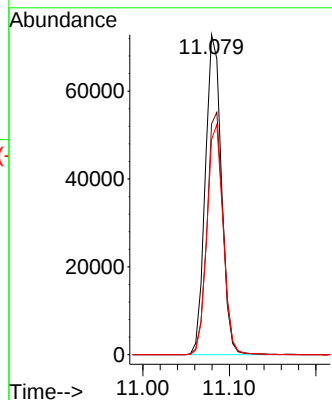
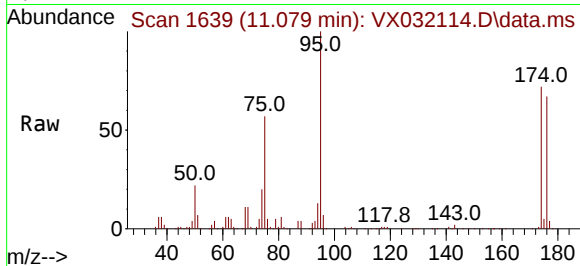




#62
4-Bromofluorobenzene
Concen: 48.515 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

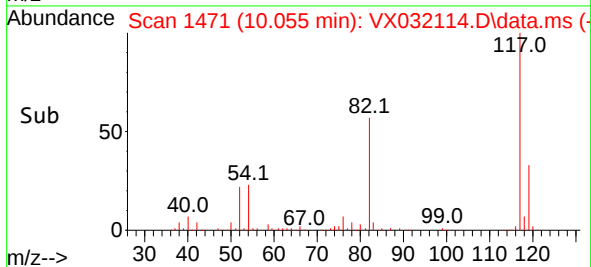
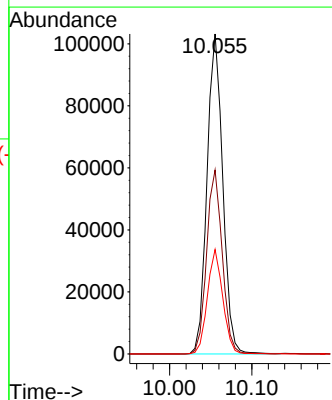
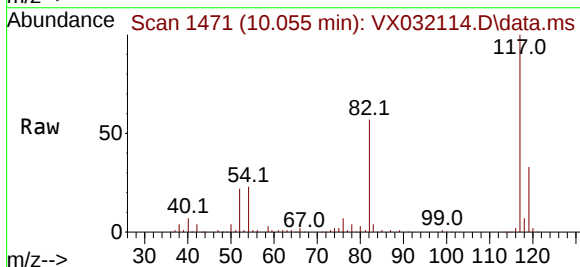
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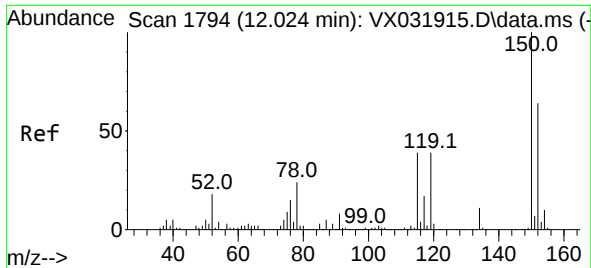
Tgt Ion: 95 Resp: 94110
Ion Ratio Lower Upper
95 100
174 75.6 0.0 153.2
176 72.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032114.D
Acq: 13 Oct 2022 16:36

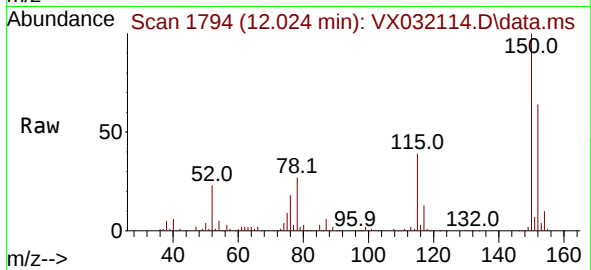
Tgt Ion: 117 Resp: 137095
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 32.6 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032114.D
 Acq: 13 Oct 2022 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PB148305TB



Tgt Ion:152 Resp: 81484
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.4 130.1
 150 157.4 0.0 346.8

