

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025554.D
 Acq On : 06 Dec 2021 17:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 07 06:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55216	54.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.660%
35) Dibromofluoromethane	5.391	113	48057	50.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.653	98	178830	49.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.085	95	61728	45.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%

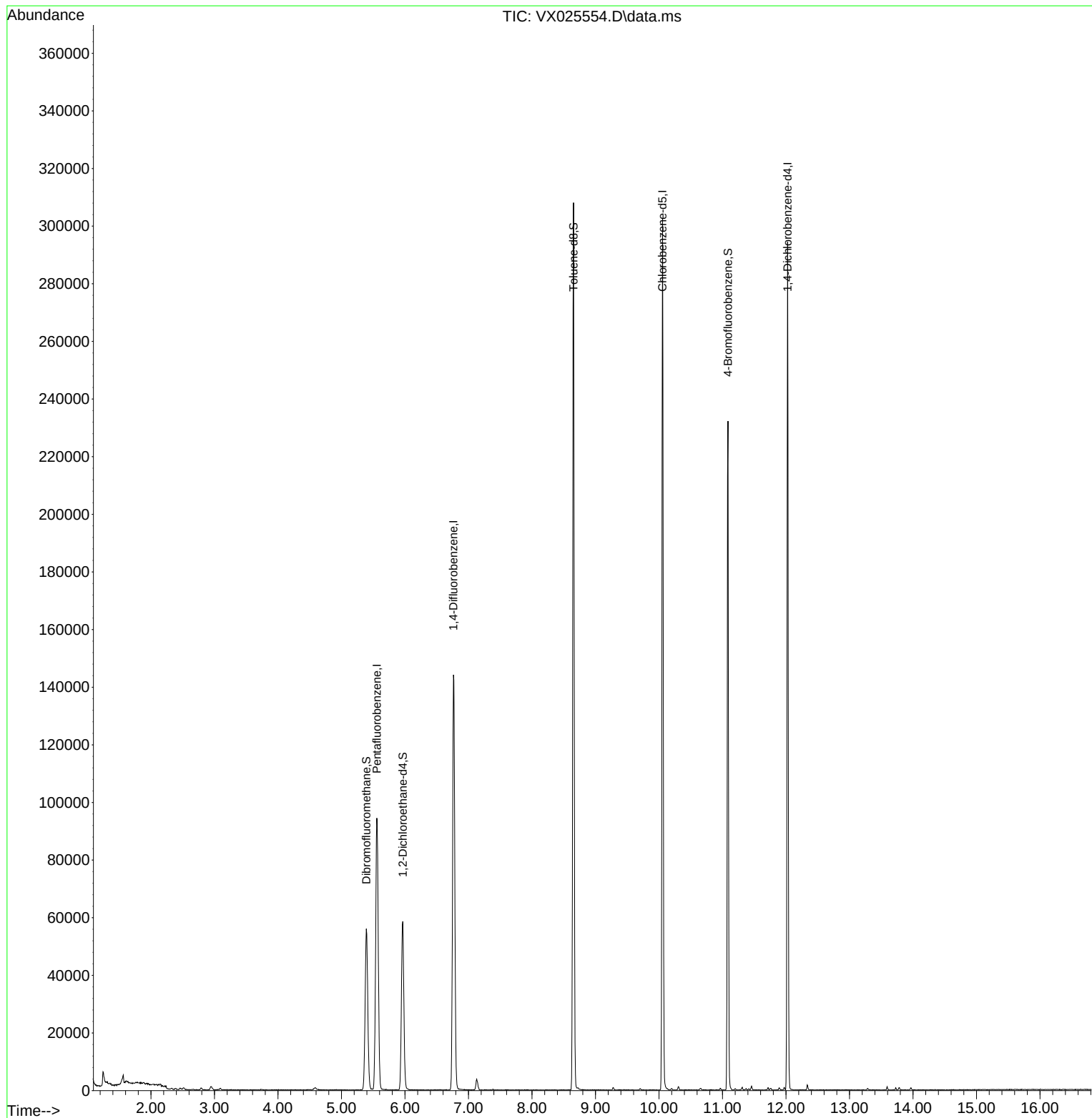
Target Compounds	Qvalue

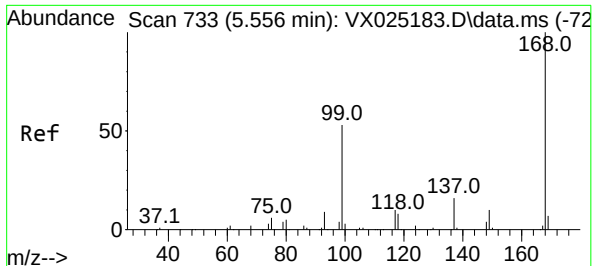
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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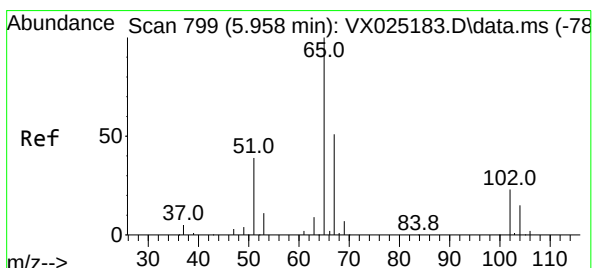
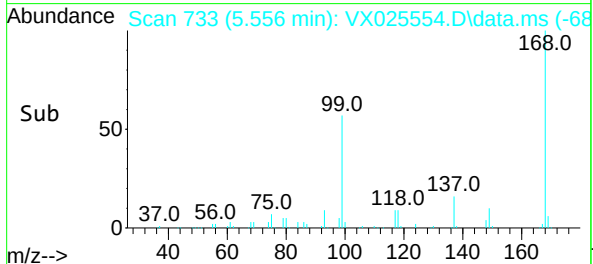
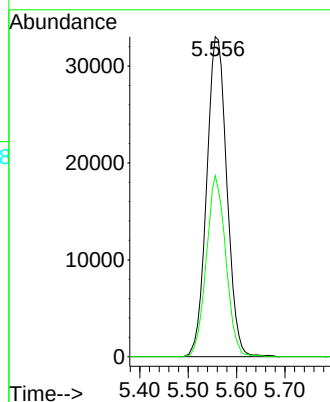
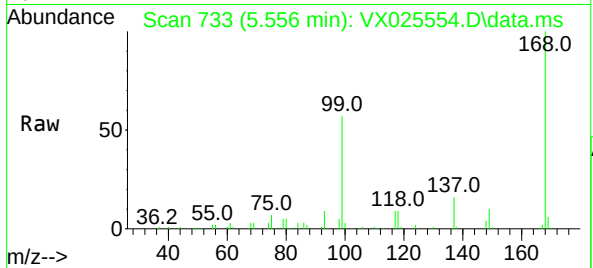




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025554.D
Acq: 06 Dec 2021 17:16

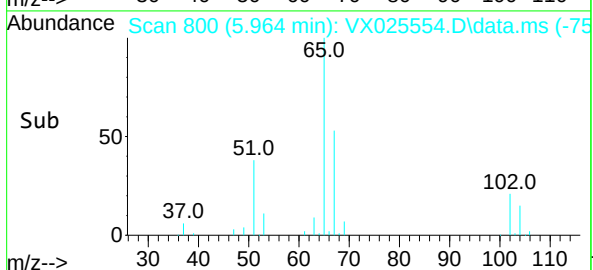
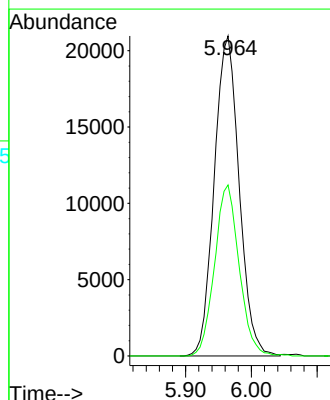
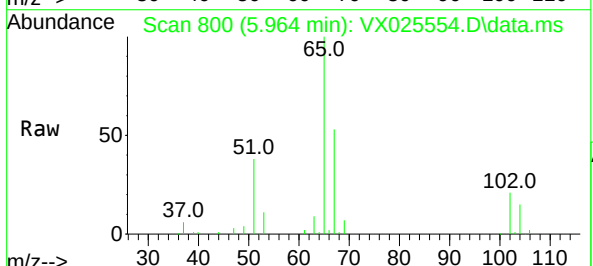
Instrument :
MSVOA_X
ClientSampleId :
IBLK

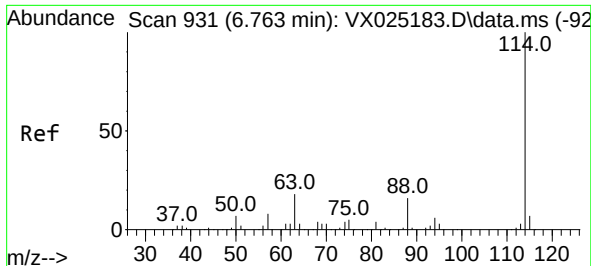
Tgt Ion:168 Resp: 95530
Ion Ratio Lower Upper
168 100
99 56.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.835 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025554.D
Acq: 06 Dec 2021 17:16

Tgt Ion: 65 Resp: 55216
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.0

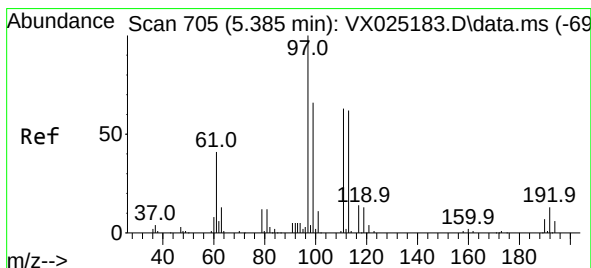
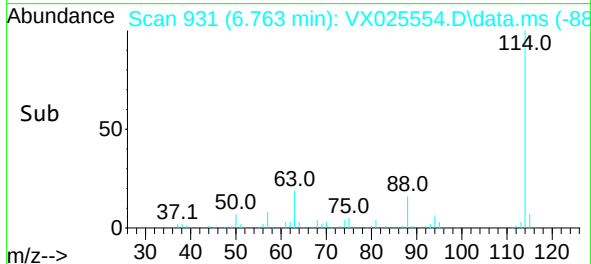
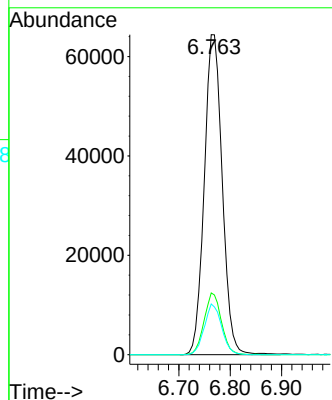
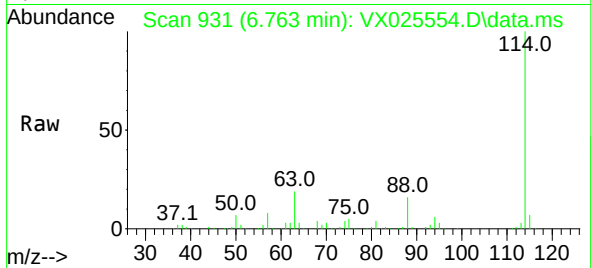




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025554.D
Acq: 06 Dec 2021 17:16

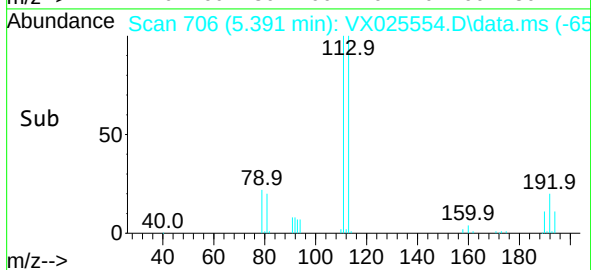
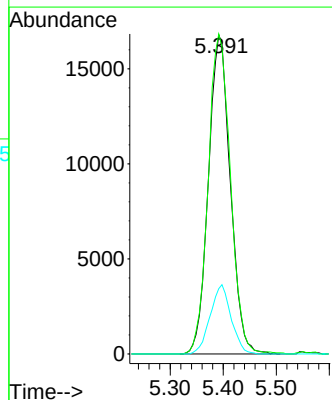
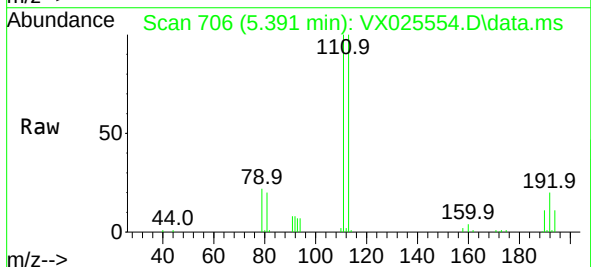
Instrument :
MSVOA_X
ClientSampleId :
IBLK

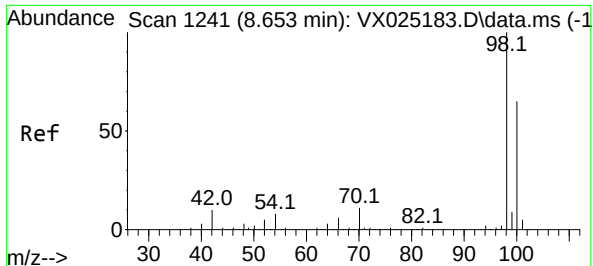
Tgt Ion:114 Resp: 156580
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025554.D
Acq: 06 Dec 2021 17:16

Tgt Ion:113 Resp: 48057
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 20.8 15.6 23.4





#50

Toluene-d8

Concen: 49.507 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025554.D

Acq: 06 Dec 2021 17:16

Instrument :

MSVOA_X

ClientSampleId :

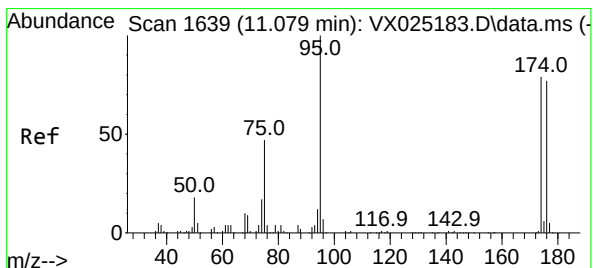
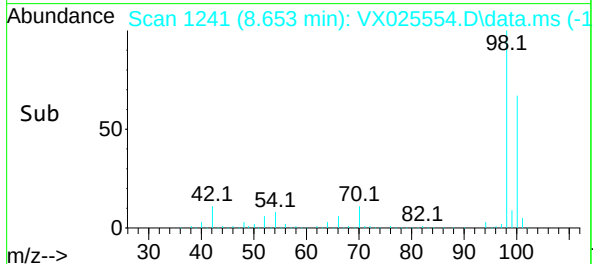
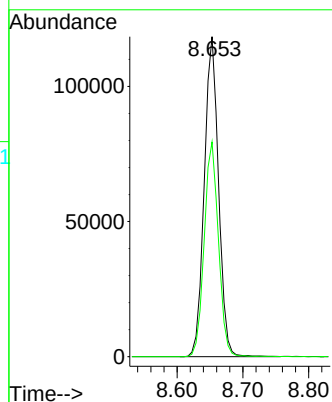
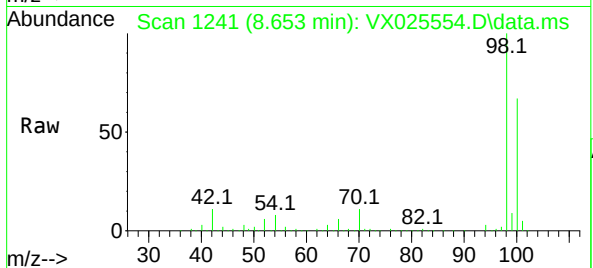
IBLK

Tgt Ion: 98 Resp: 178830

Ion Ratio Lower Upper

98 100

100 67.0 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.171 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025554.D

Acq: 06 Dec 2021 17:16

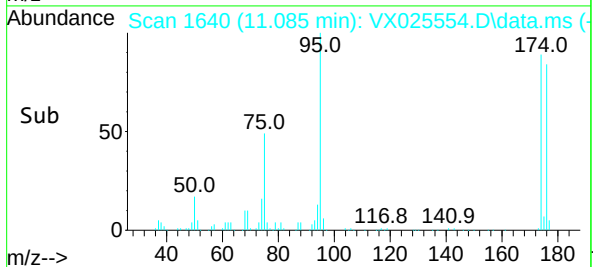
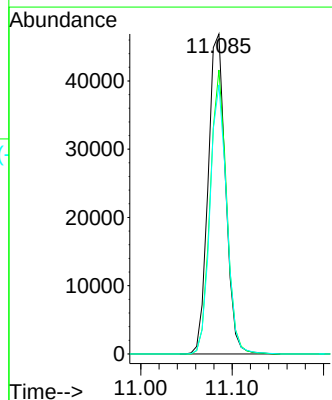
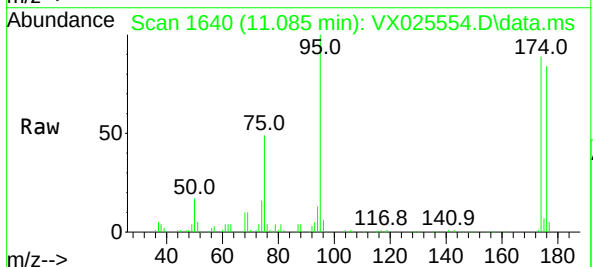
Tgt Ion: 95 Resp: 61728

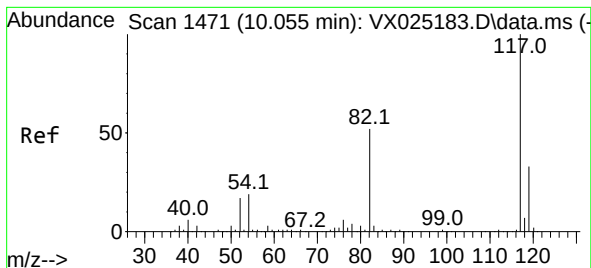
Ion Ratio Lower Upper

95 100

174 83.9 0.0 158.0

176 81.0 0.0 153.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025554.D

Acq: 06 Dec 2021 17:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

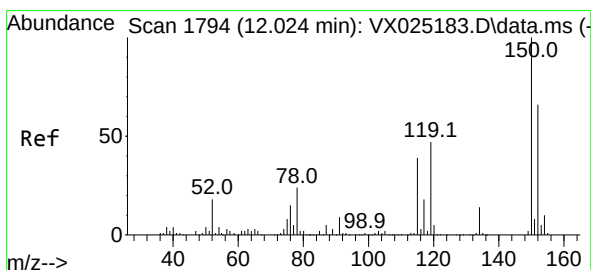
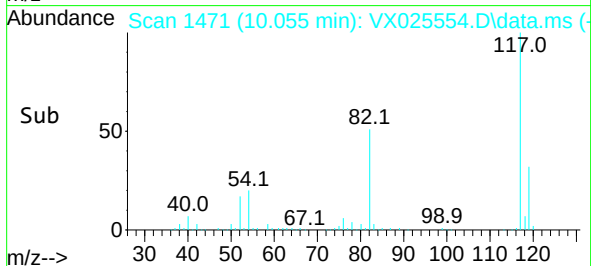
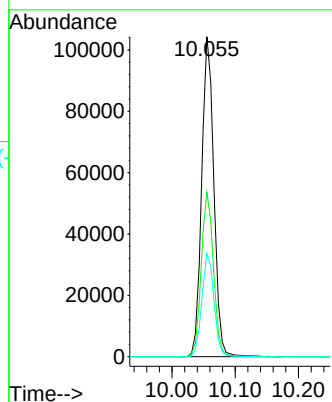
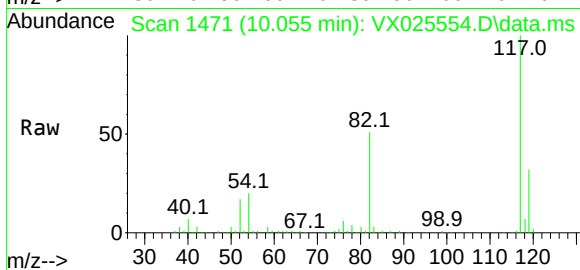
Tgt Ion:117 Resp: 139660

Ion Ratio Lower Upper

117 100

82 51.4 44.6 67.0

119 32.2 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX025554.D

Acq: 06 Dec 2021 17:16

Tgt Ion:152 Resp: 61527

Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.8

150 157.2 0.0 351.2

