

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044542.D
 Acq On : 30 Dec 2024 14:26
 Operator : JC/MD
 Sample : VX1231WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBL01

Quant Time: Dec 31 00:28:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94080	45.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	71368	51.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	8.647	98	258440	55.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.300%
62) 4-Bromofluorobenzene	11.079	95	83152	50.785	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.580%

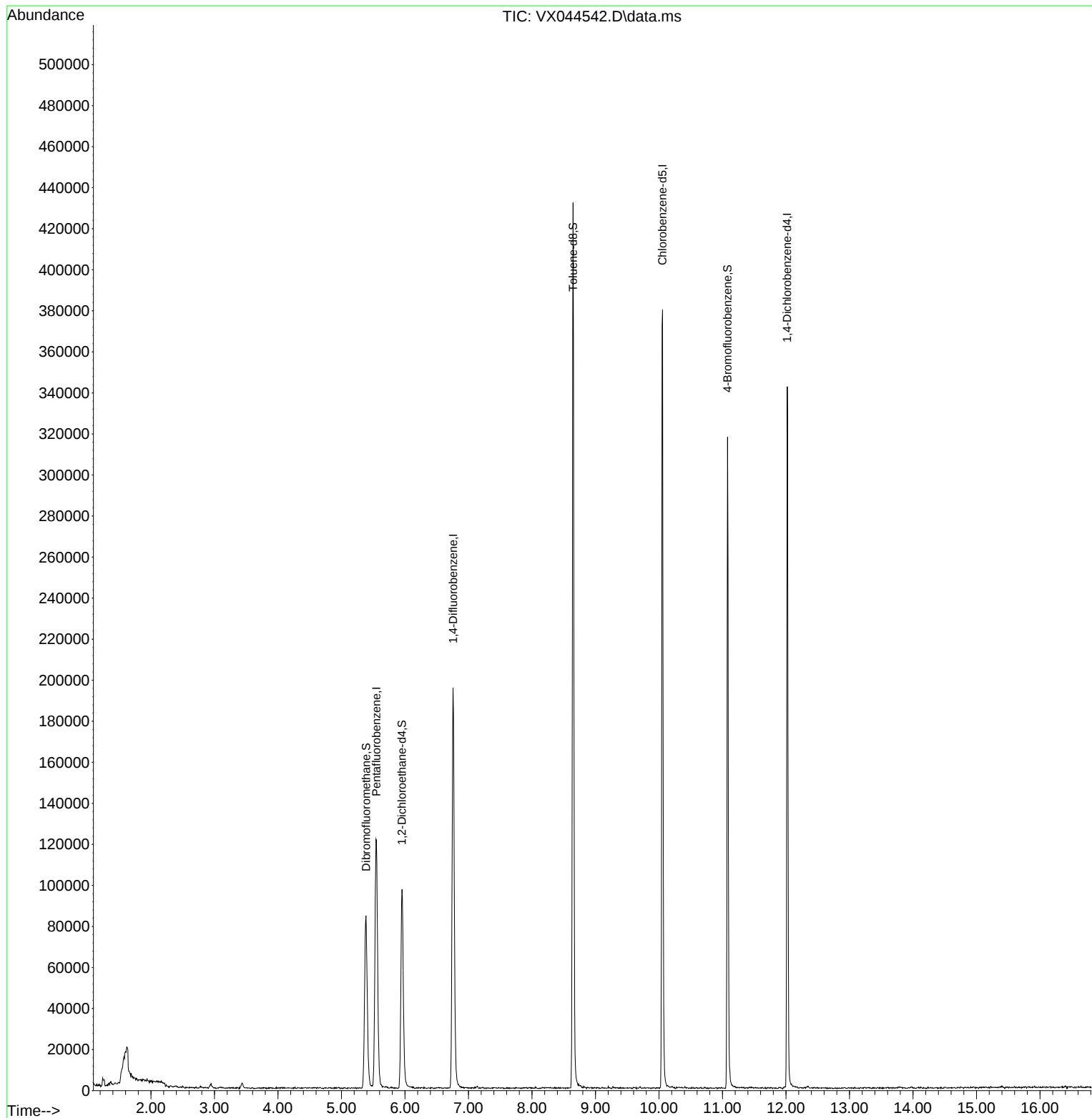
Target Compounds	Qvalue

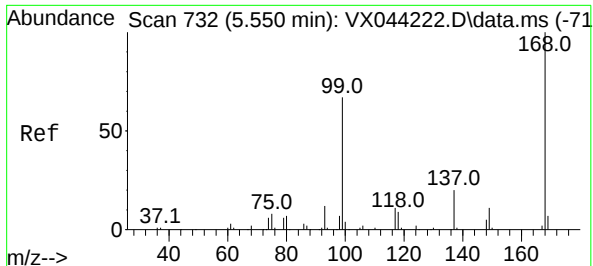
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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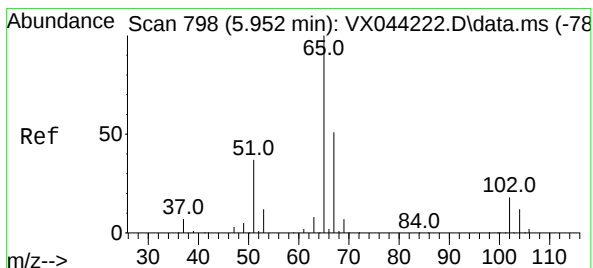
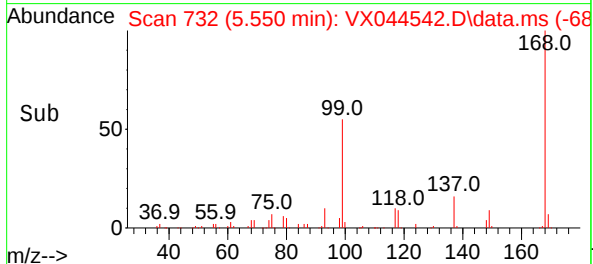
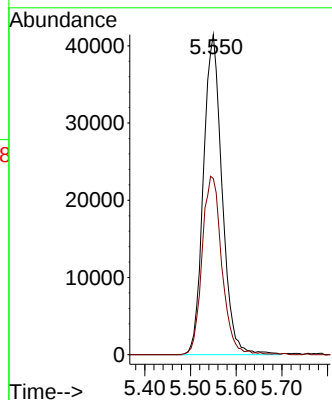
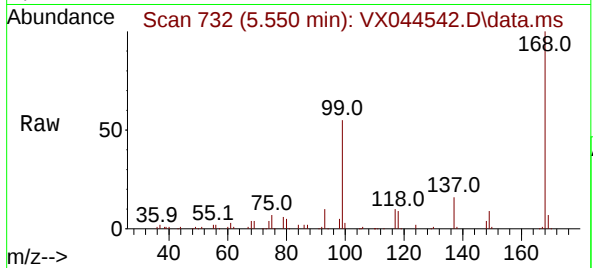




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

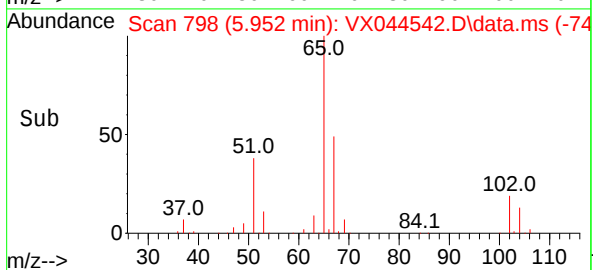
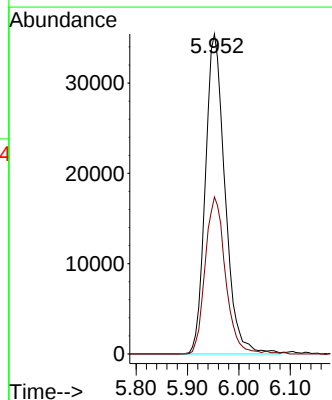
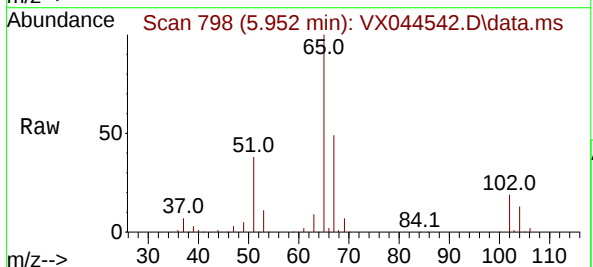
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

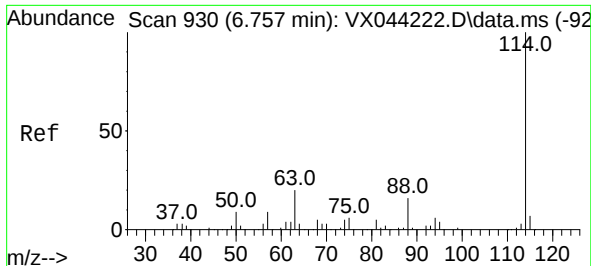
Tgt Ion:168 Resp: 117464
Ion Ratio Lower Upper
168 100
99 55.0 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 45.680 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion: 65 Resp: 94080
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6

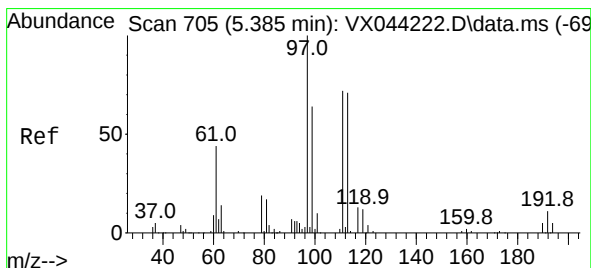
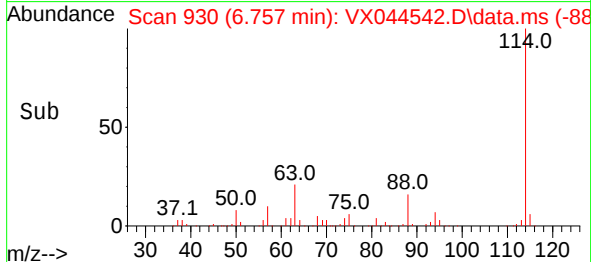
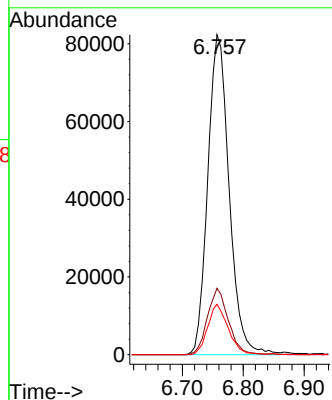
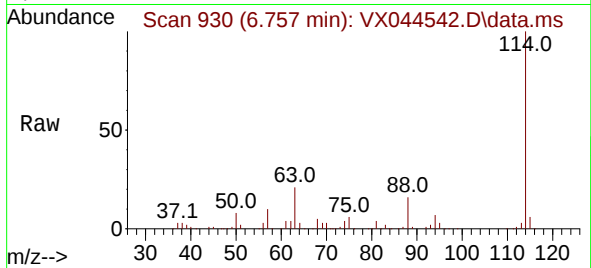




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

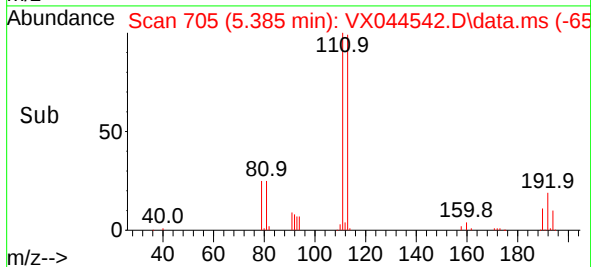
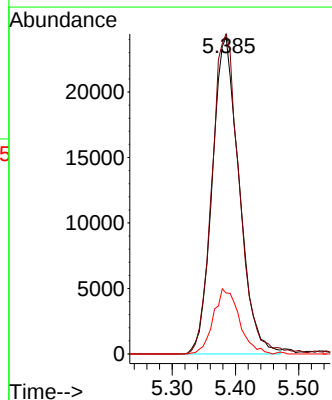
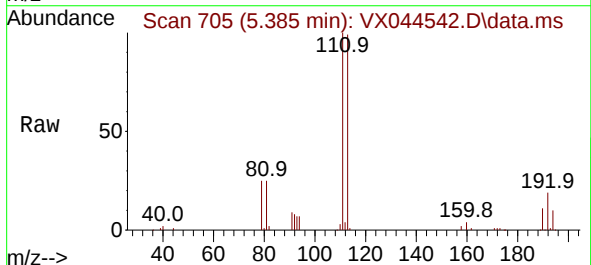
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL01

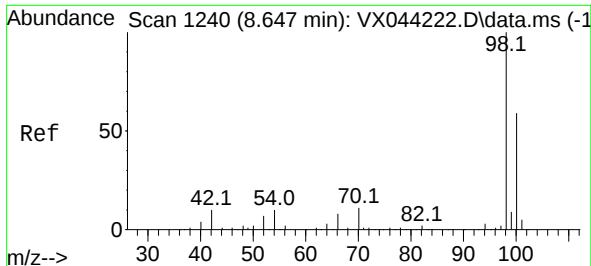
Tgt Ion:114 Resp: 200538
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.6
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.384 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044542.D
Acq: 30 Dec 2024 14:26

Tgt Ion:113 Resp: 71368
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 19.8 13.3 19.9





#50

Toluene-d8

Concen: 55.154 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044542.D

Acq: 30 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

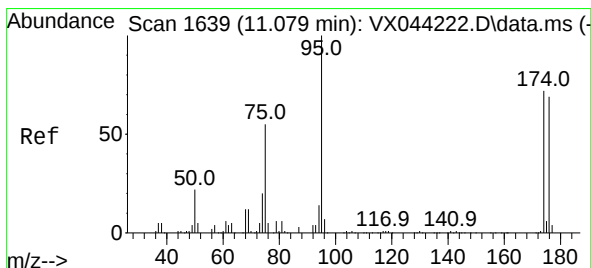
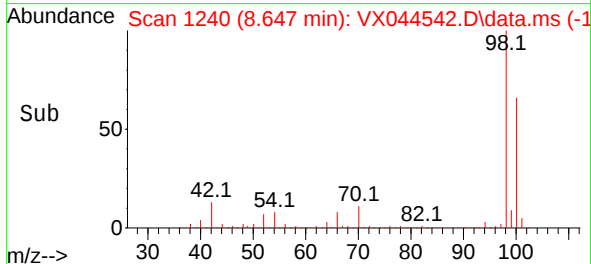
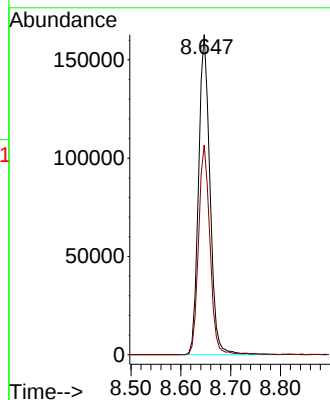
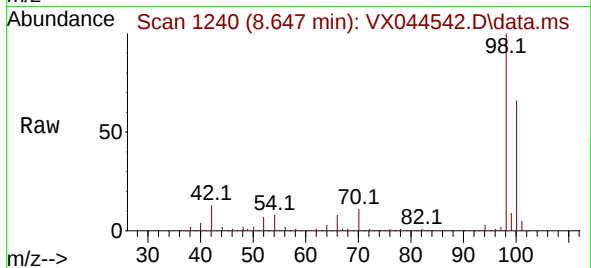
VX1231WBL01

Tgt Ion: 98 Resp: 258440

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.785 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044542.D

Acq: 30 Dec 2024 14:26

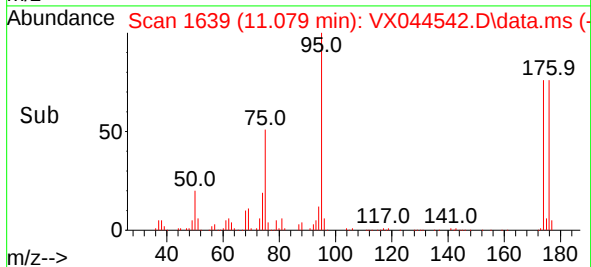
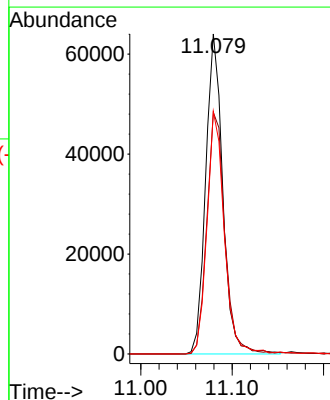
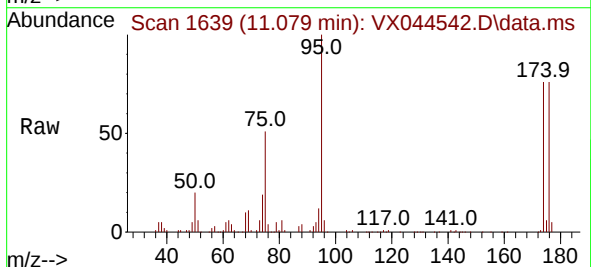
Tgt Ion: 95 Resp: 83152

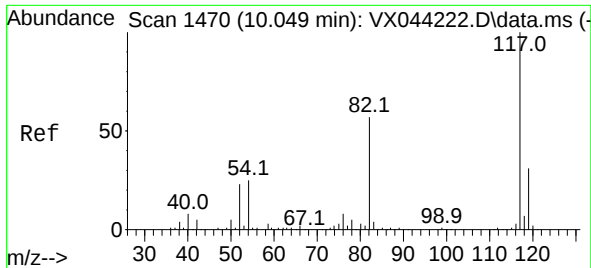
Ion Ratio Lower Upper

95 100

174 80.0 0.0 145.8

176 76.4 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044542.D

Acq: 30 Dec 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBL01

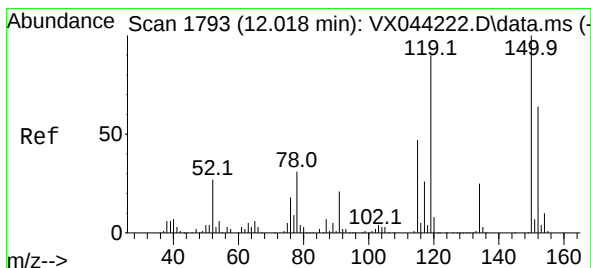
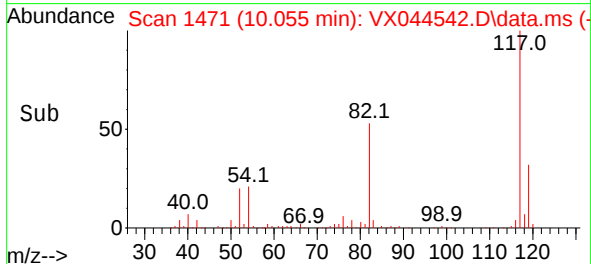
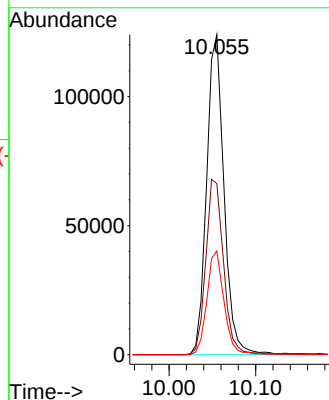
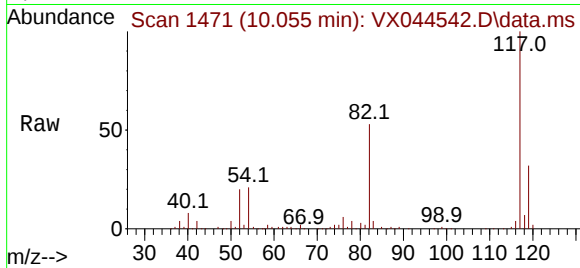
Tgt Ion:117 Resp: 172503

Ion Ratio Lower Upper

117 100

82 53.5 45.8 68.8

119 32.4 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044542.D

Acq: 30 Dec 2024 14:26

Tgt Ion:152 Resp: 71731

Ion Ratio Lower Upper

152 100

115 59.4 44.5 133.3

150 154.9 0.0 353.8

