

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038948.D
 Acq On : 20 Nov 2023 10:57
 Operator : JC/MD
 Sample : VX1120WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBL01

Quant Time: Nov 21 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91301	48.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	77063	44.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.280%
50) Toluene-d8	8.647	98	305540	45.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.480%#
62) 4-Bromofluorobenzene	11.079	95	132298	49.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%

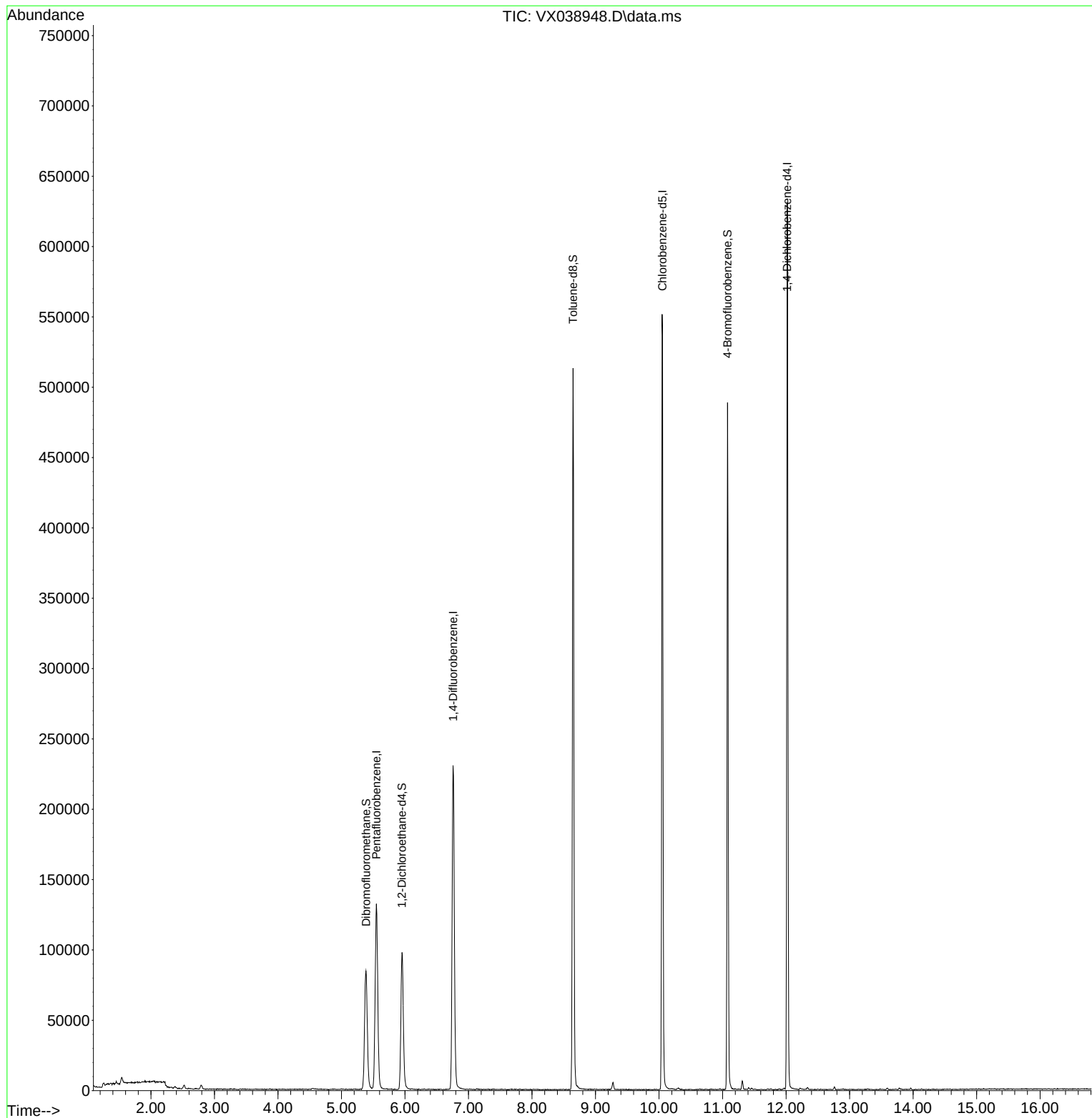
Target Compounds	Qvalue

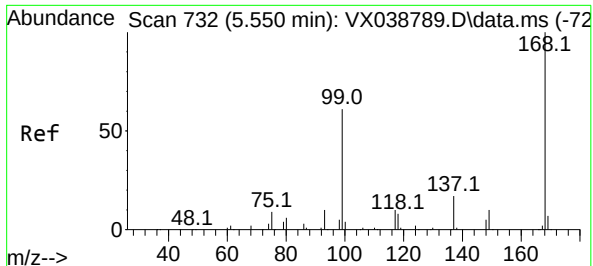
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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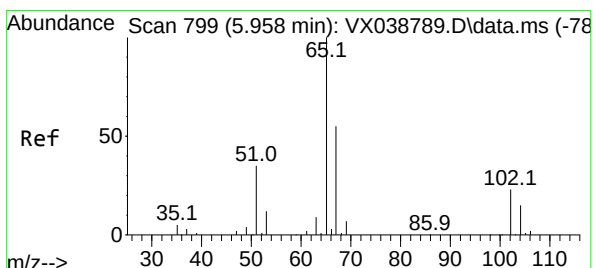
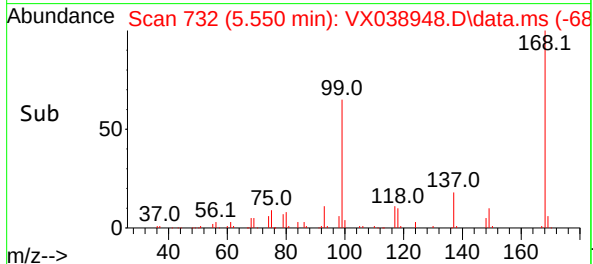
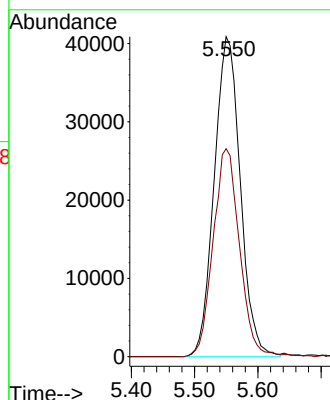
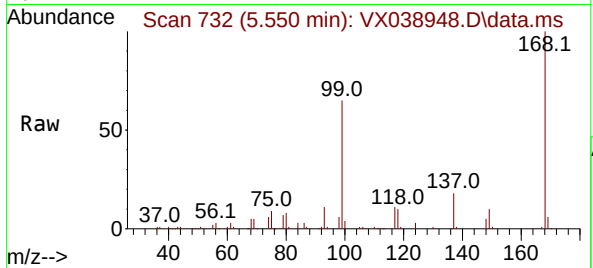




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

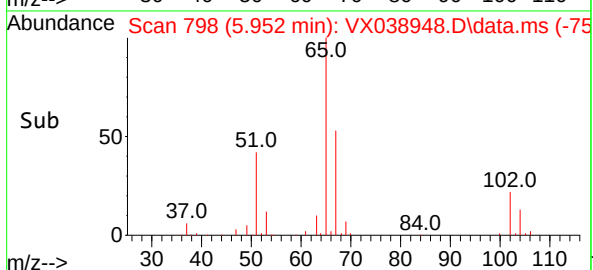
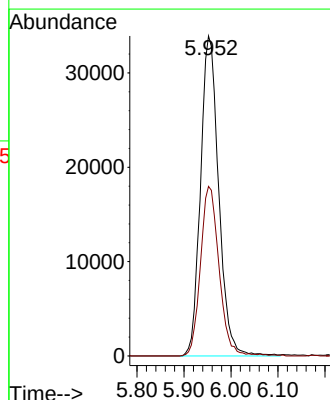
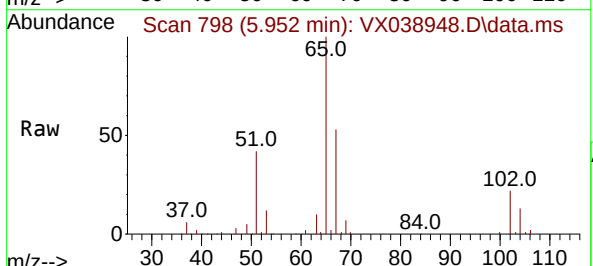
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

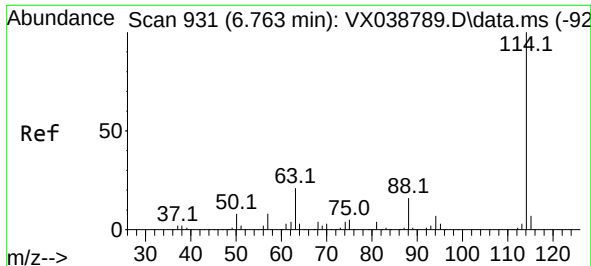
Tgt Ion:168 Resp: 116946
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.451 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

Tgt Ion: 65 Resp: 91301
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

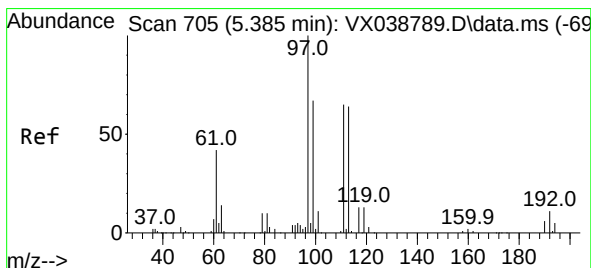
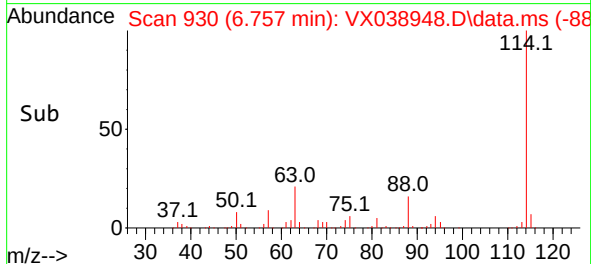
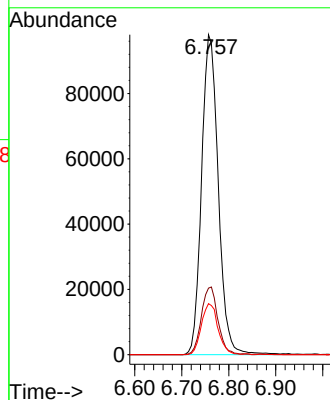
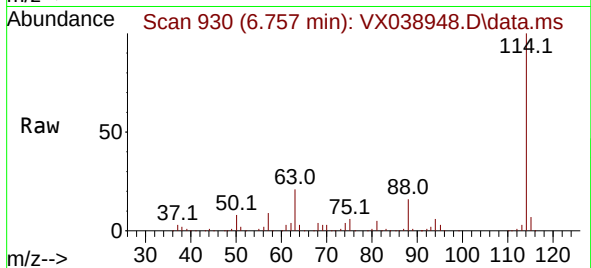




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

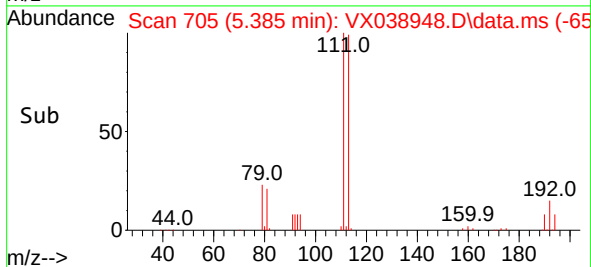
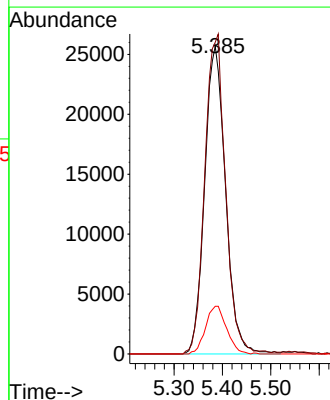
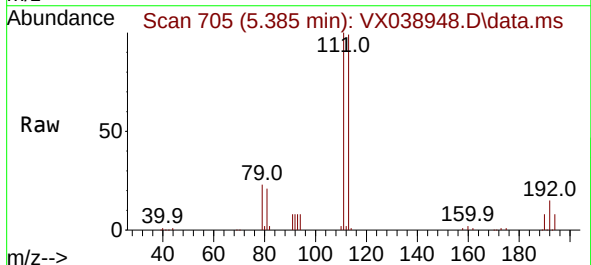
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

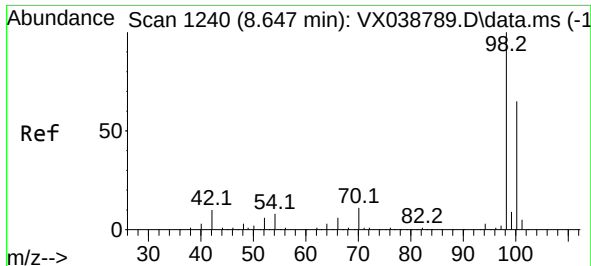
Tgt Ion:114 Resp: 241718
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.143 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

Tgt Ion:113 Resp: 77063
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.6 13.3 19.9

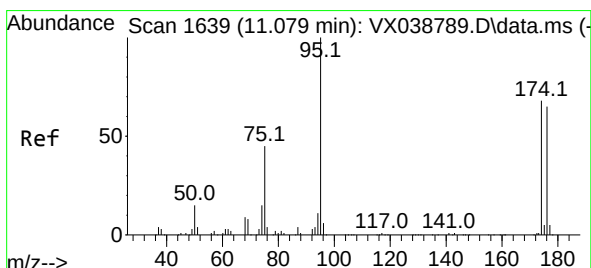
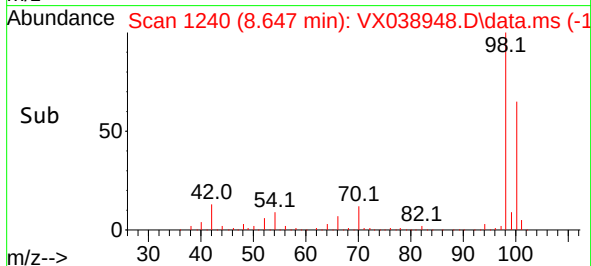
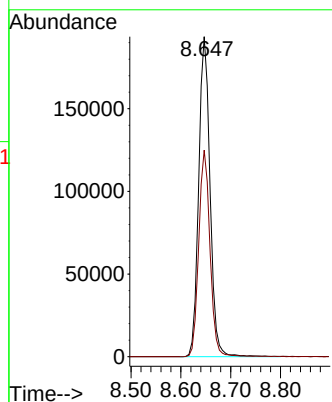
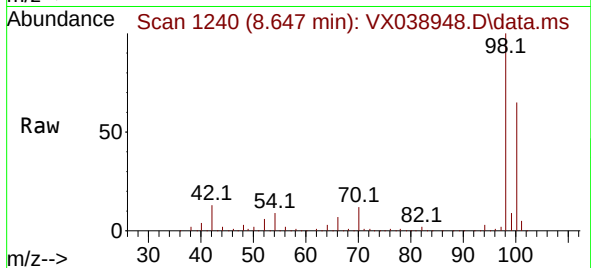




#50
Toluene-d8
Concen: 45.744 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

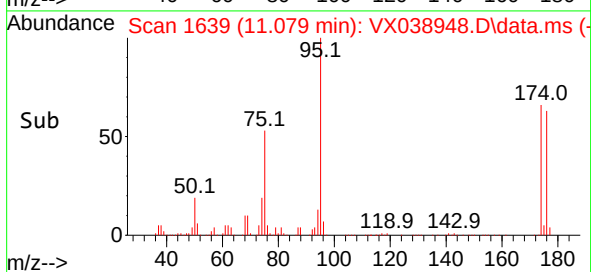
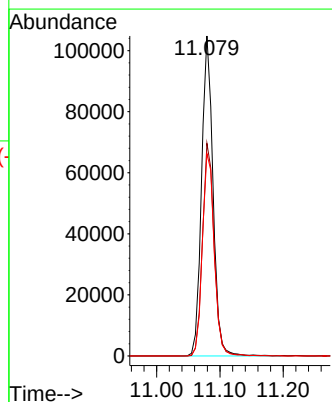
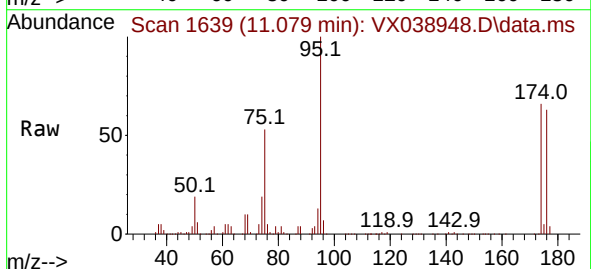
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

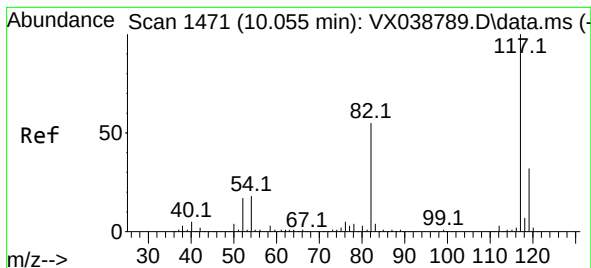
Tgt Ion: 98 Resp: 305540
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038948.D
Acq: 20 Nov 2023 10:57

Tgt Ion: 95 Resp: 132298
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.6
176 65.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038948.D

Acq: 20 Nov 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBL01

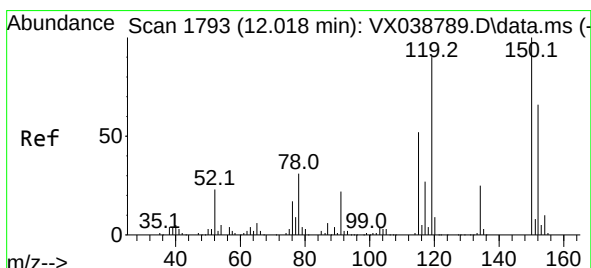
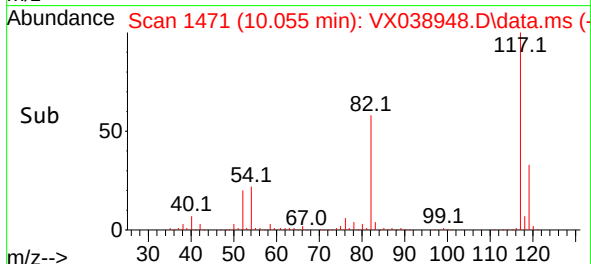
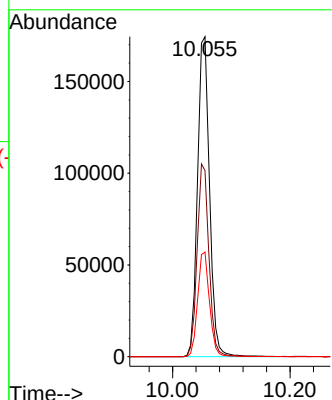
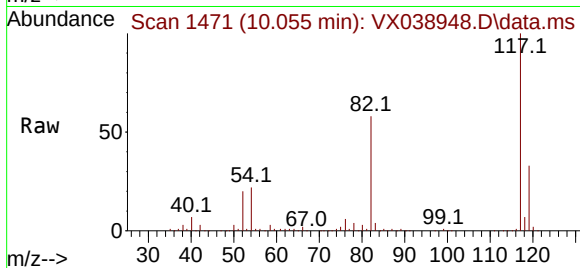
Tgt Ion:117 Resp: 248133

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 32.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX038948.D

Acq: 20 Nov 2023 10:57

Tgt Ion:152 Resp: 123277

Ion Ratio Lower Upper

152 100

115 65.6 43.3 129.9

150 161.3 0.0 345.0

