

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039188.D
 Acq On : 13 Dec 2023 14:48
 Operator : JC/MD
 Sample : VX1213MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBL01

Quant Time: Dec 14 01:32:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97564	48.257	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.379	113	74901	48.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.647	98	280839	49.021	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	130117	55.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.100%

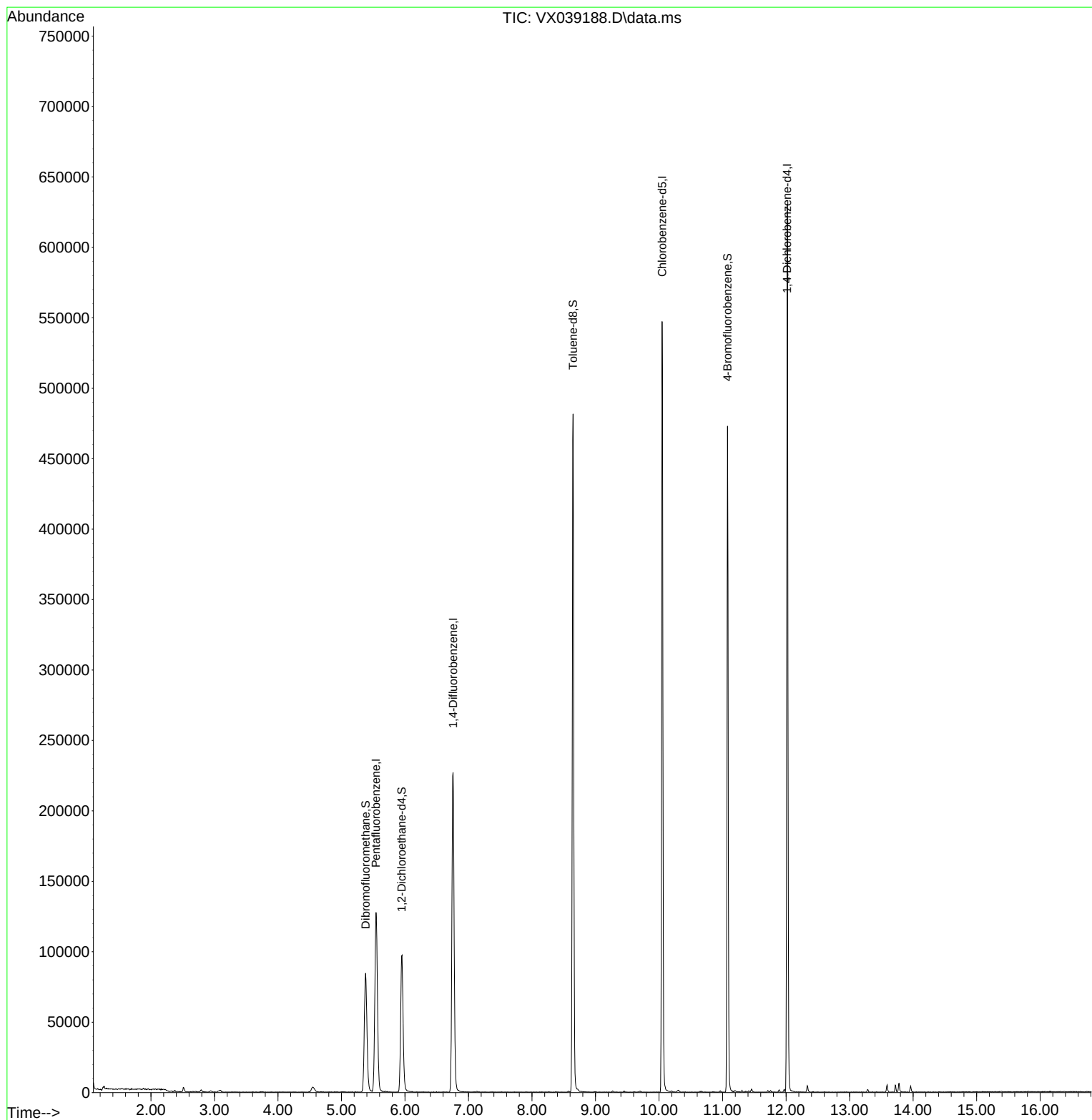
Target Compounds	Qvalue

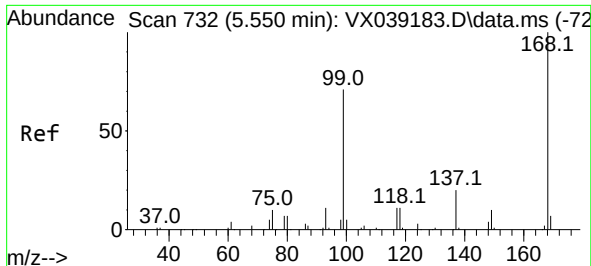
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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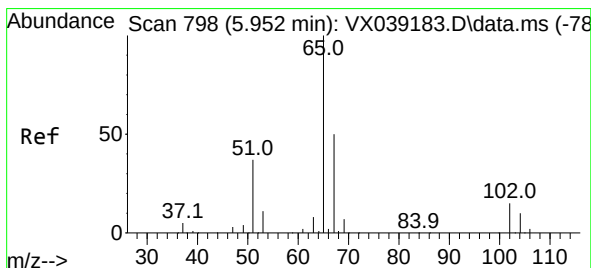
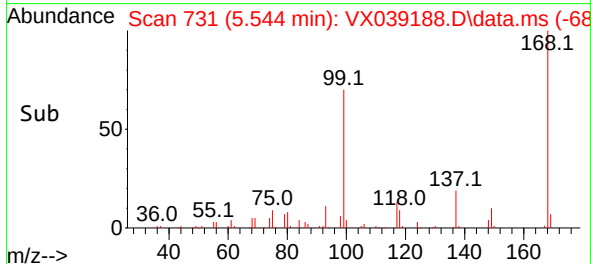
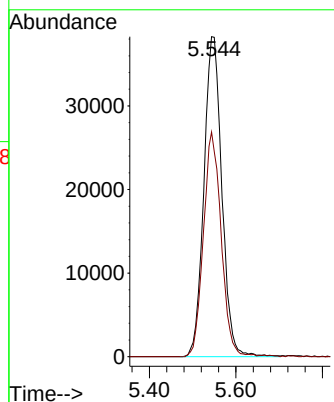
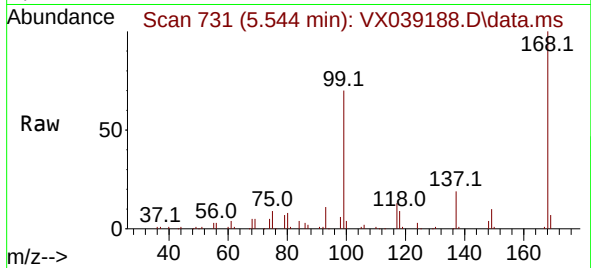




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

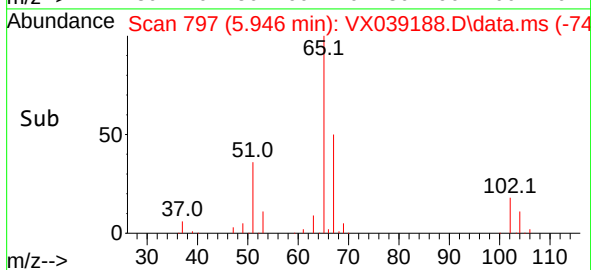
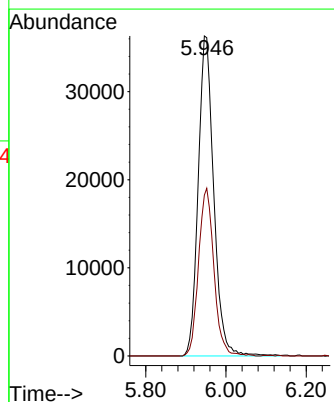
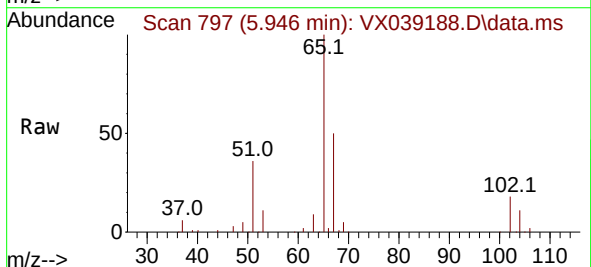
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

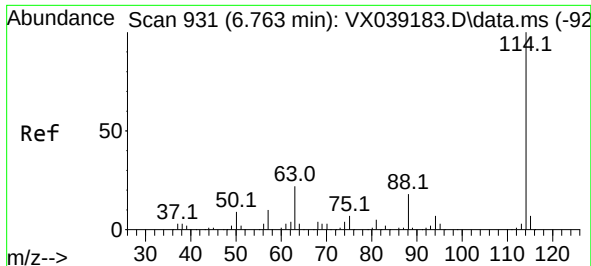
Tgt Ion:168 Resp: 110362
Ion Ratio Lower Upper
168 100
99 70.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.257 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 65 Resp: 97564
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

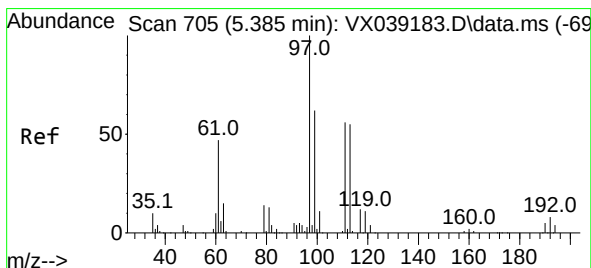
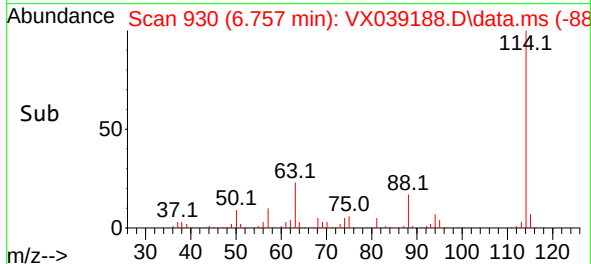
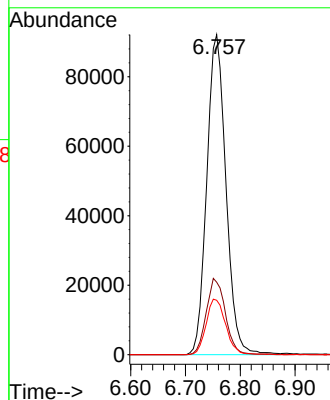
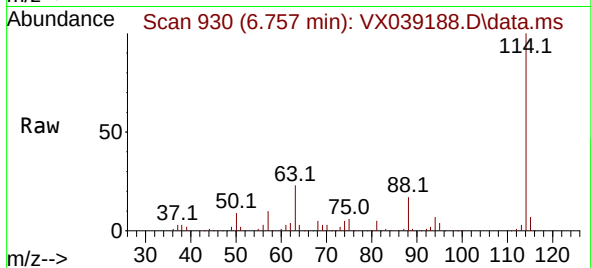




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

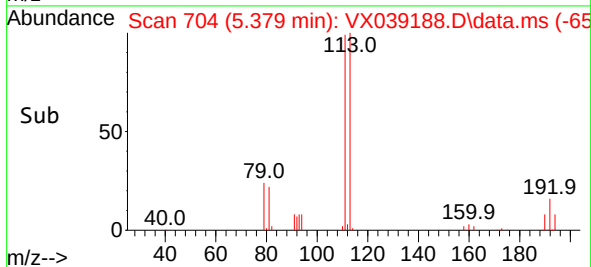
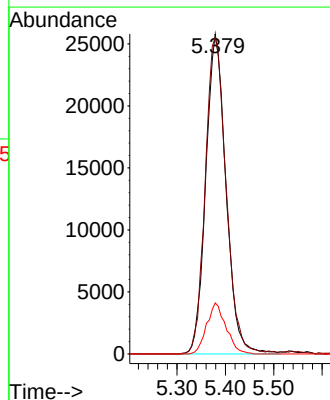
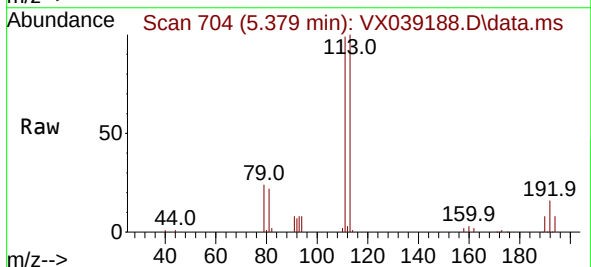
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

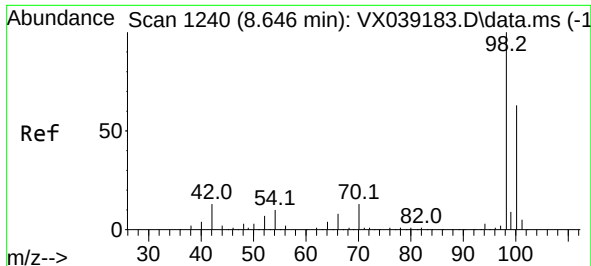
Tgt Ion:114 Resp: 223370
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.538 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion:113 Resp: 74901
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.3 13.3 19.9

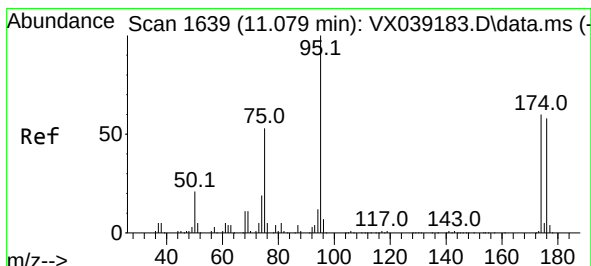
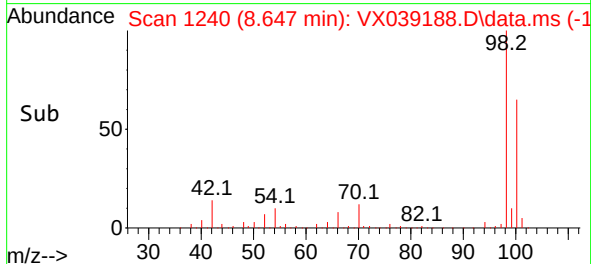
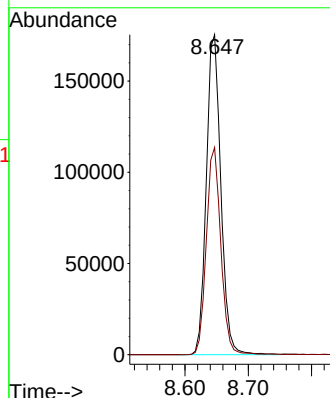
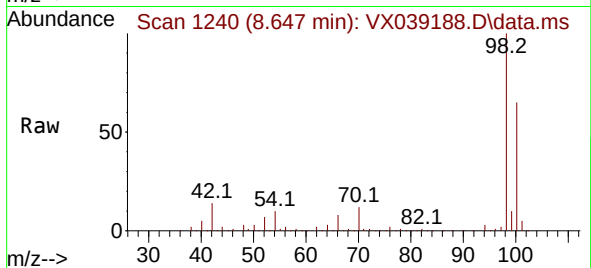




#50
Toluene-d8
Concen: 49.021 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

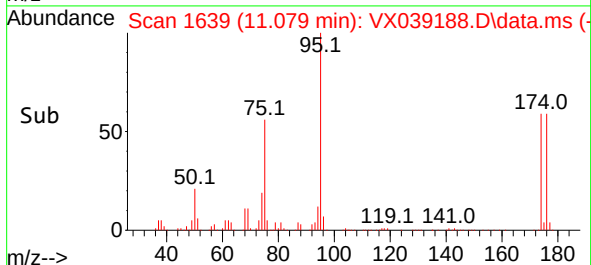
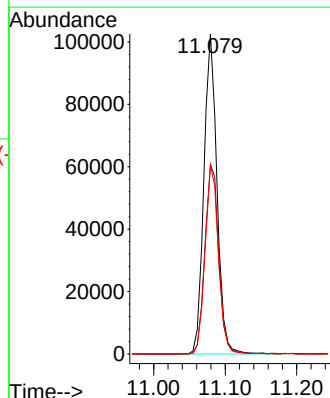
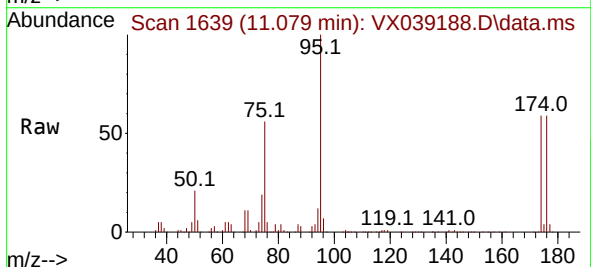
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBL01

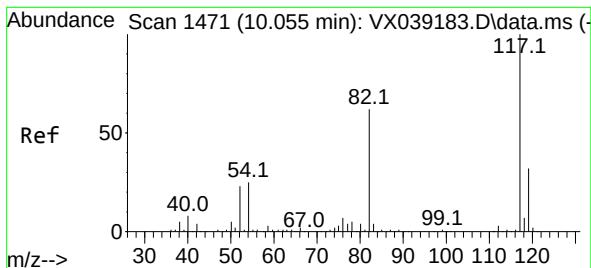
Tgt Ion: 98 Resp: 280839
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039188.D
Acq: 13 Dec 2023 14:48

Tgt Ion: 95 Resp: 130117
Ion Ratio Lower Upper
95 100
174 62.6 0.0 135.6
176 60.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039188.D

Acq: 13 Dec 2023 14:48

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBL01

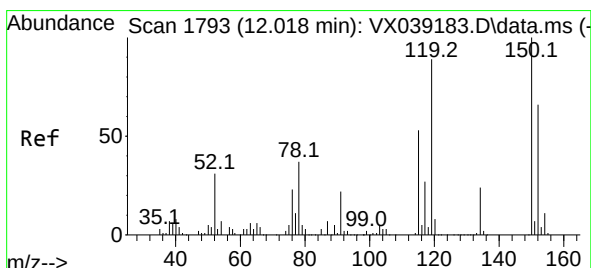
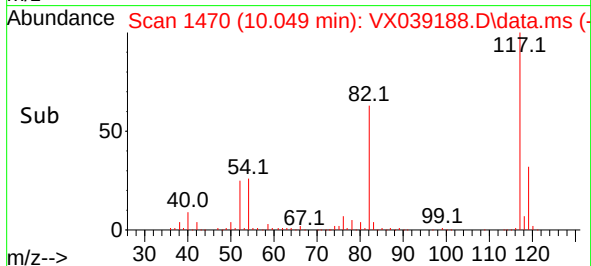
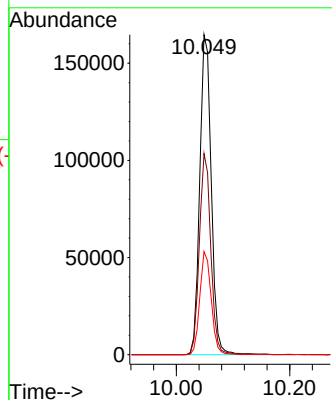
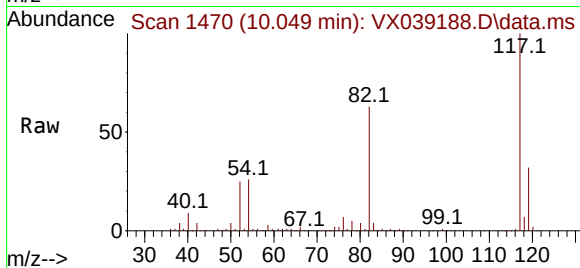
Tgt Ion:117 Resp: 231703

Ion Ratio Lower Upper

117 100

82 62.8 46.2 69.4

119 32.2 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: VX039188.D

Acq: 13 Dec 2023 14:48

Tgt Ion:152 Resp: 116626

Ion Ratio Lower Upper

152 100

115 66.5 43.3 129.9

150 157.2 0.0 345.0

