

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045405.D
 Acq On : 24 Mar 2025 11:19
 Operator : JC/MD
 Sample : VX0324WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

Quant Time: Mar 25 01:29:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64463	57.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.920%
35) Dibromofluoromethane	5.379	113	49294	53.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.240%
50) Toluene-d8	8.647	98	168565	50.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.079	95	58097	52.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.200%

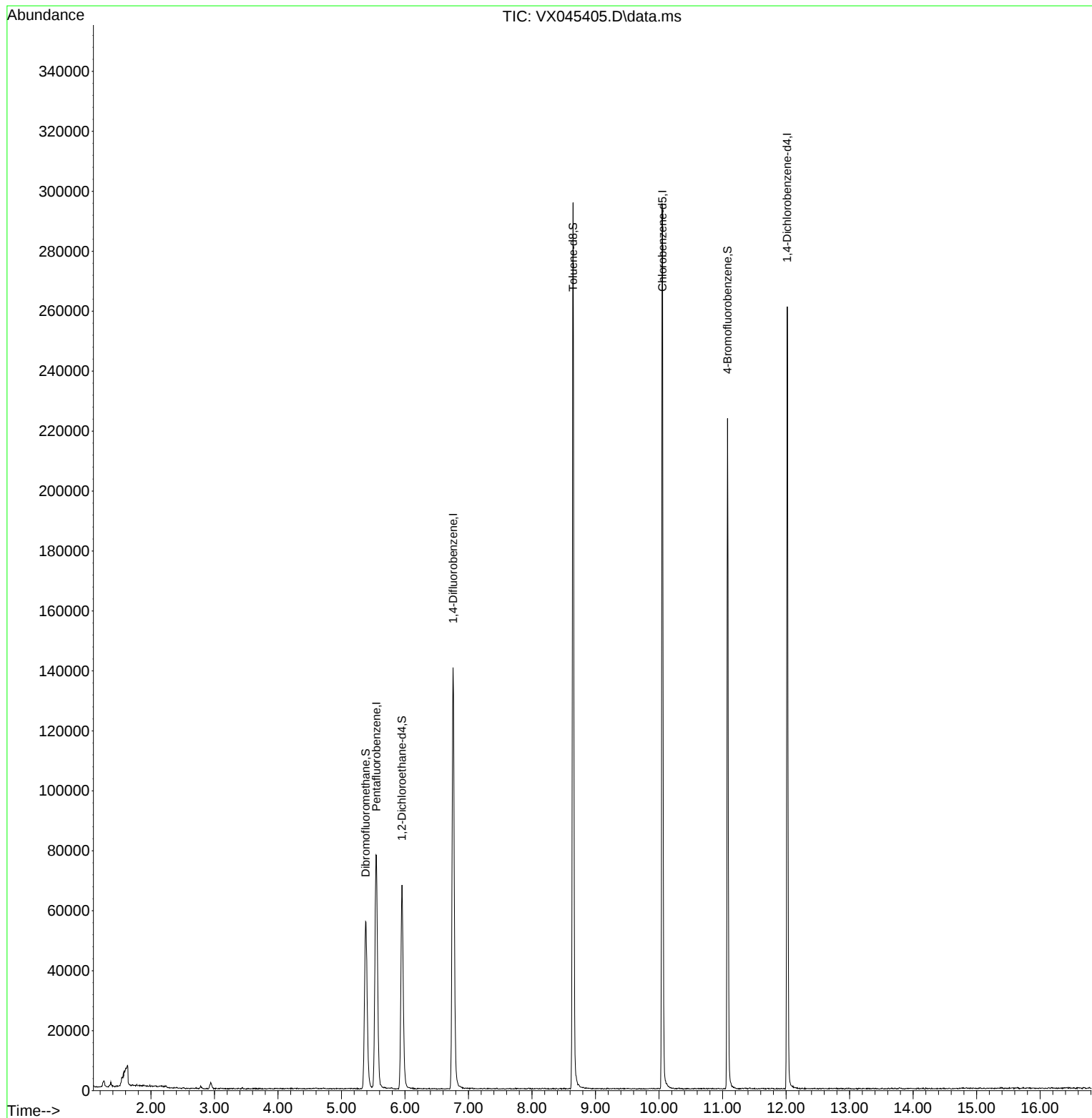
Target Compounds	Qvalue

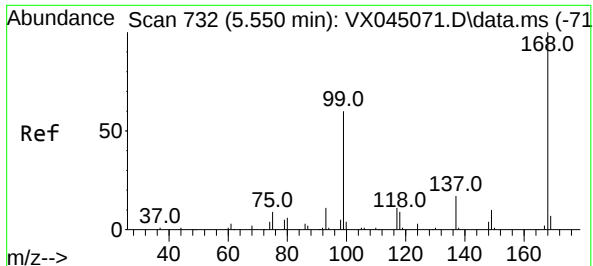
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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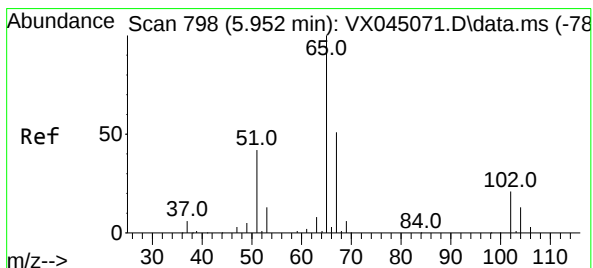
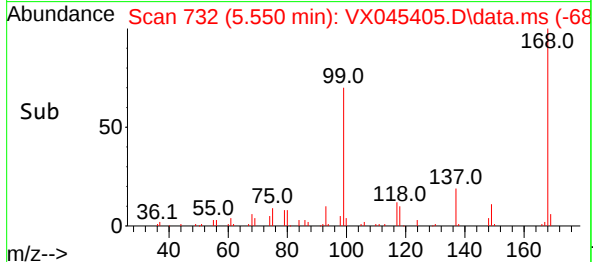
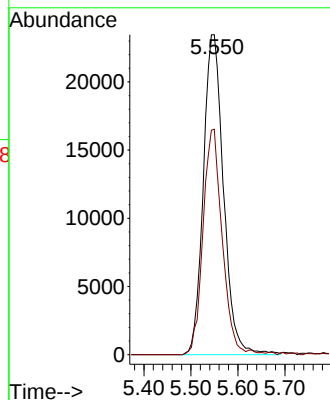
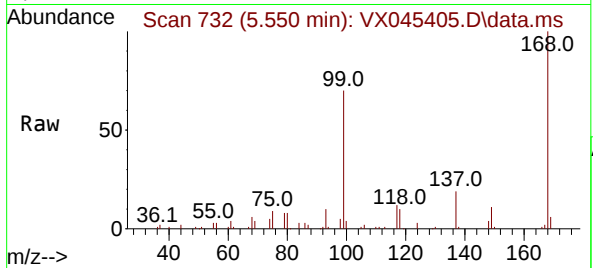




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

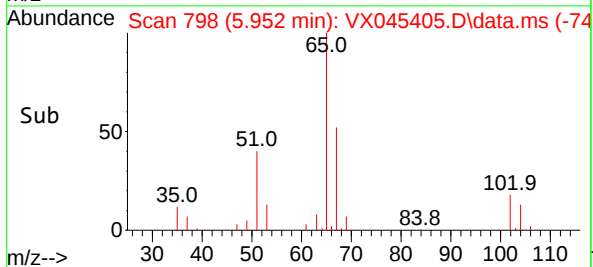
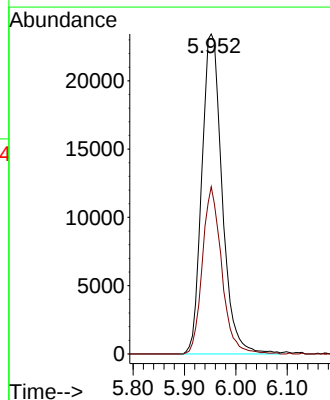
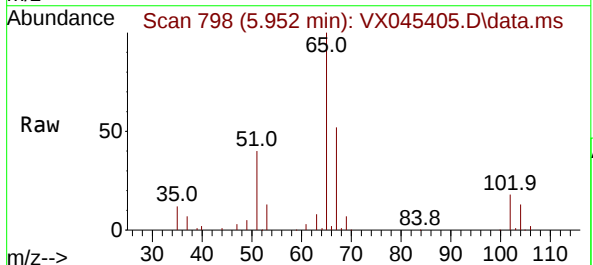
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

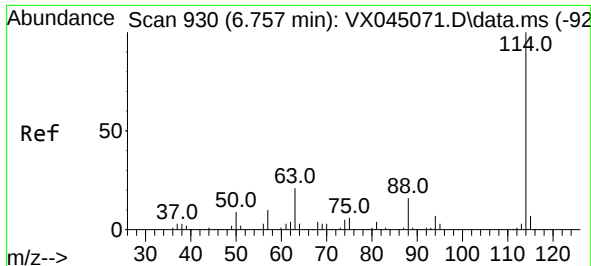
Tgt Ion:168 Resp: 69924
Ion Ratio Lower Upper
168 100
99 70.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.958 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 65 Resp: 64463
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.2

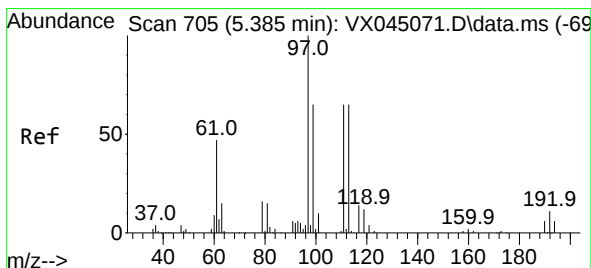
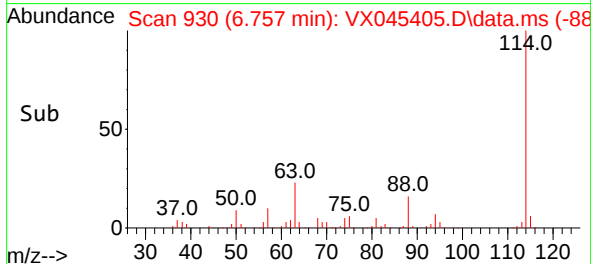
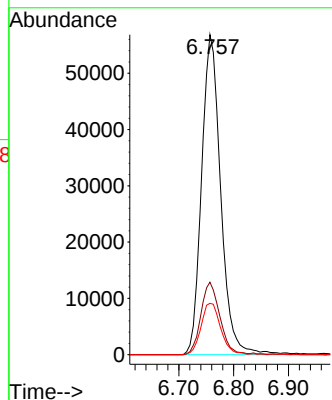
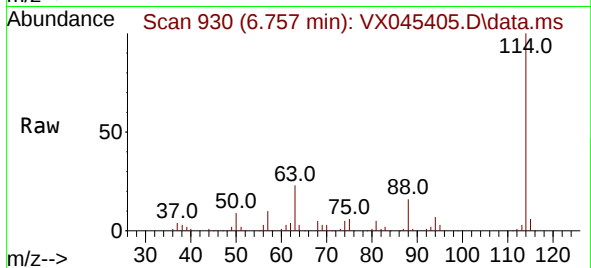




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

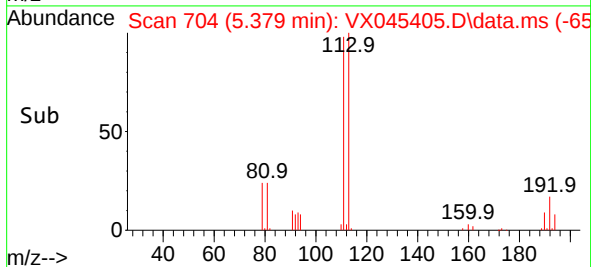
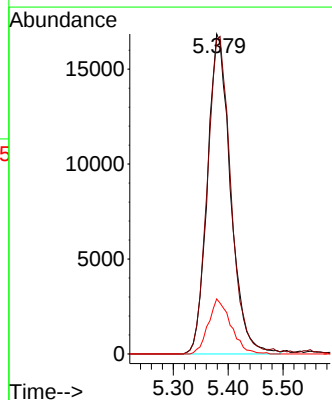
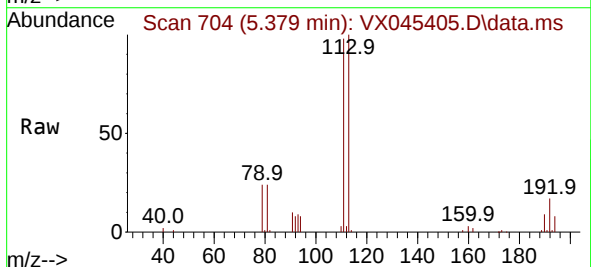
Instrument :
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ClientSampleId :
VX0324WBL01

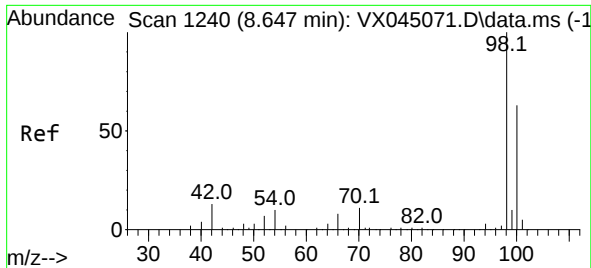
Tgt Ion:114 Resp: 137486
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.619 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion:113 Resp: 49294
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 16.8 14.3 21.5

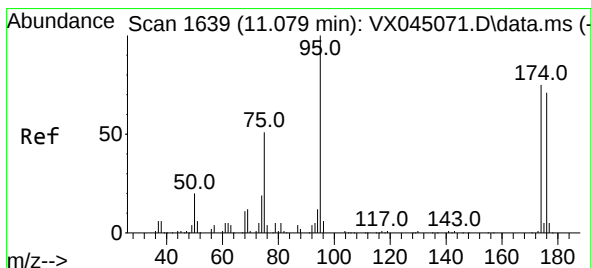
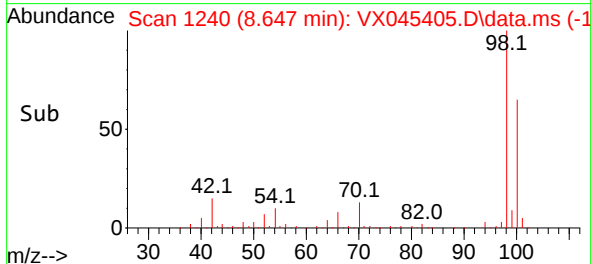
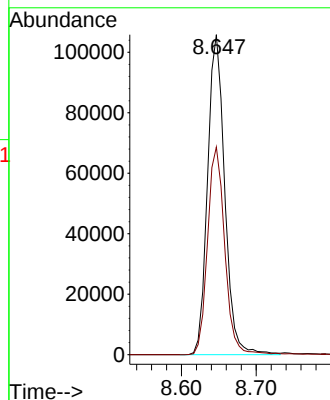
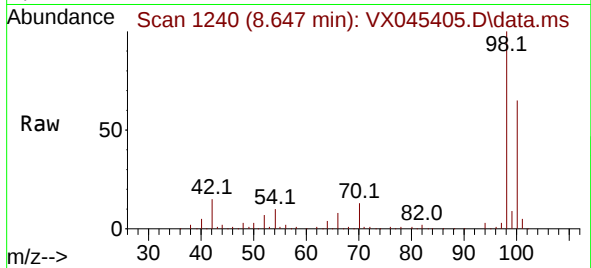




#50
Toluene-d8
Concen: 50.576 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

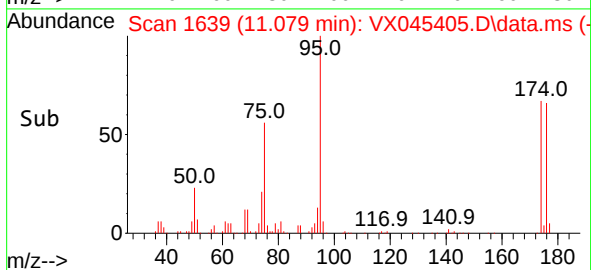
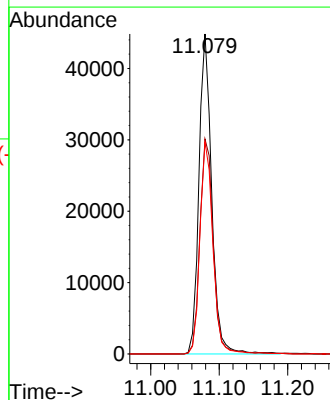
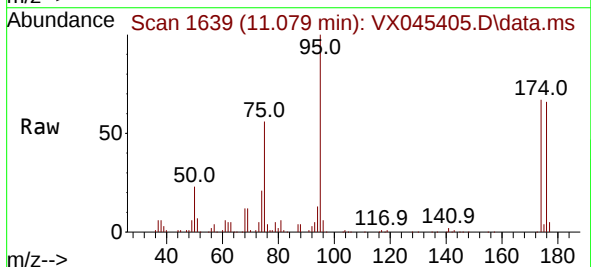
Instrument :
MSVOA_X
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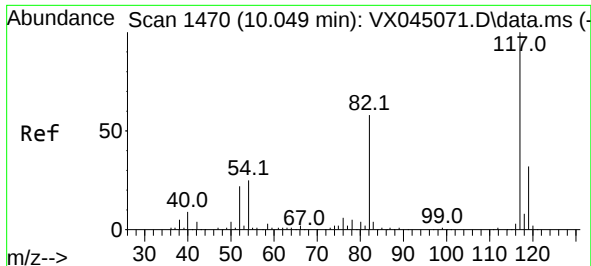
Tgt Ion: 98 Resp: 168565
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045405.D
Acq: 24 Mar 2025 11:19

Tgt Ion: 95 Resp: 58097
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 67.8 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0324WBL01

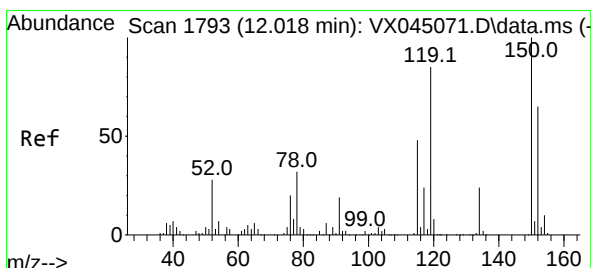
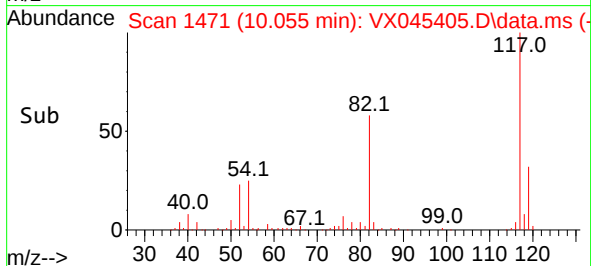
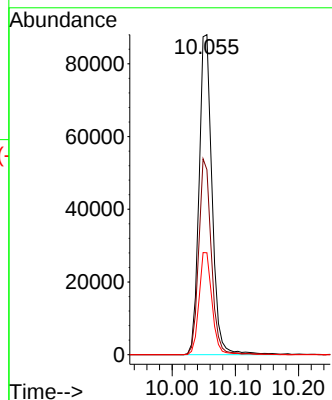
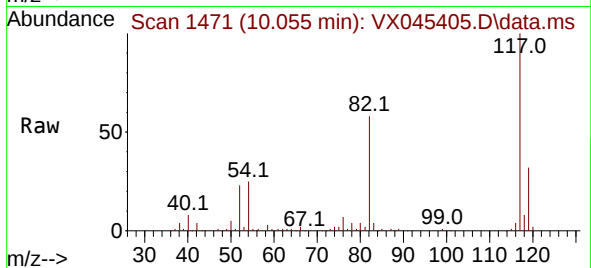
Tgt Ion:117 Resp: 126117

Ion Ratio Lower Upper

117 100

82 57.8 46.3 69.5

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045405.D

Acq: 24 Mar 2025 11:19

Tgt Ion:152 Resp: 49419

Ion Ratio Lower Upper

152 100

115 64.6 44.2 132.6

150 158.7 0.0 349.0

