

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045741.D
 Acq On : 11 Apr 2025 15:04
 Operator : JC/MD
 Sample : Q1782-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Apr 11 23:05:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

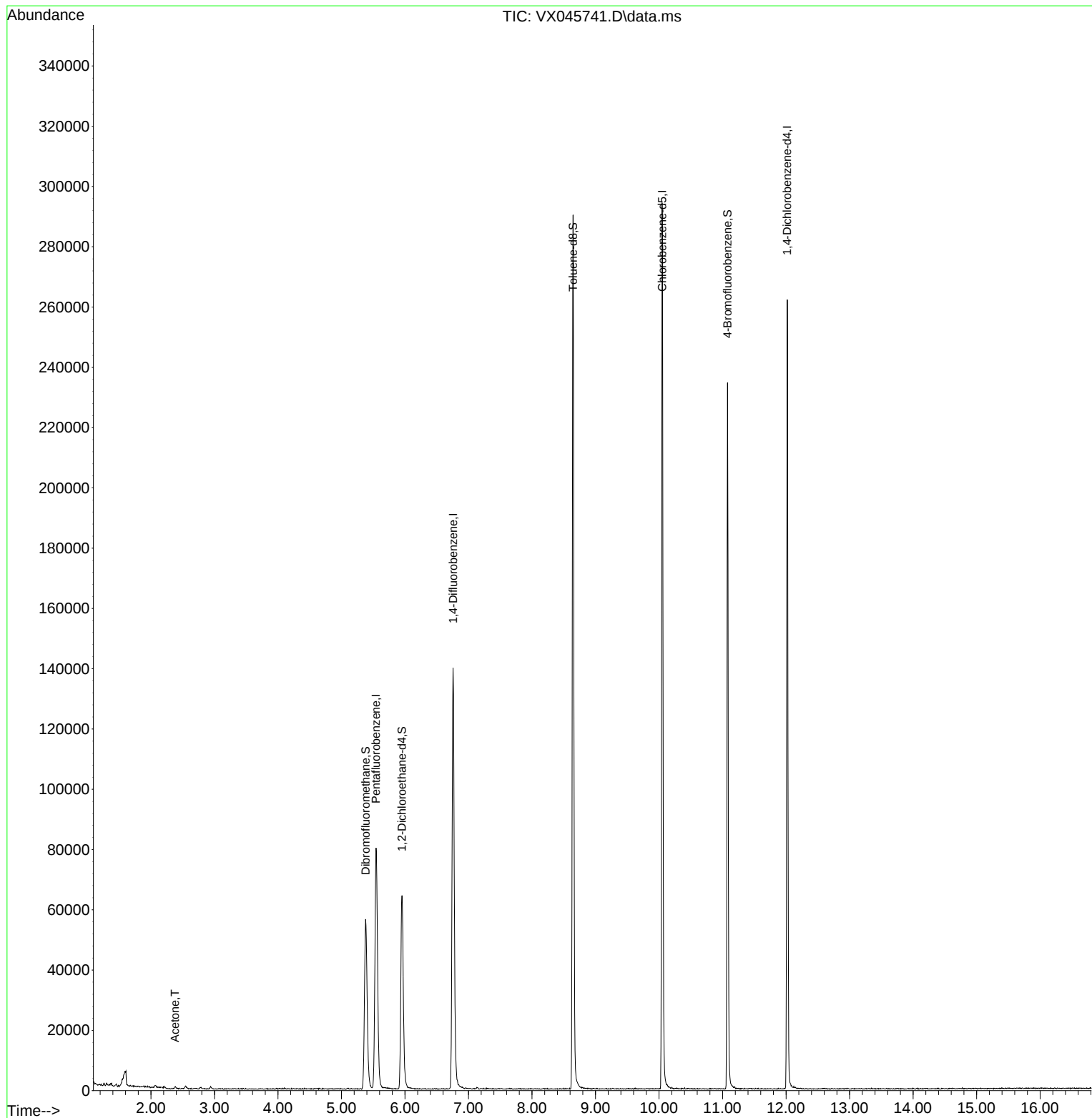
Internal Standards						
1) Pentafluorobenzene	5.544	168	68722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66987	53.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.600%
35) Dibromofluoromethane	5.379	113	48989	52.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.647	98	167371	50.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	60578	50.611	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.220%
Target Compounds						
16) Acetone	2.379	43	915	1.773	ug/l	Qvalue # 84

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

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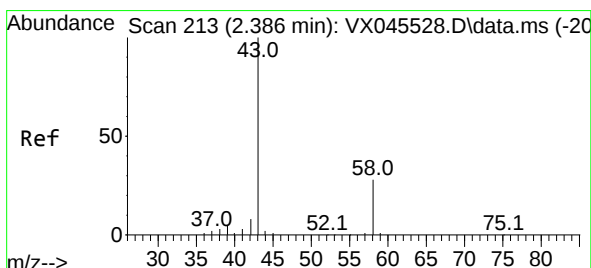
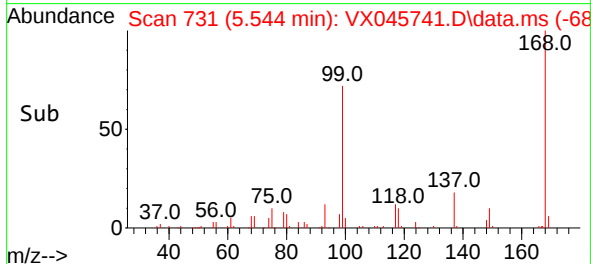
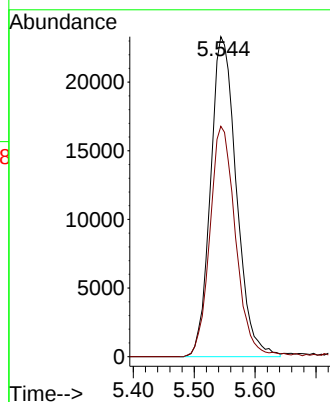
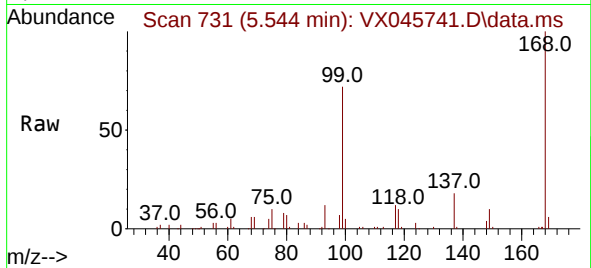




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

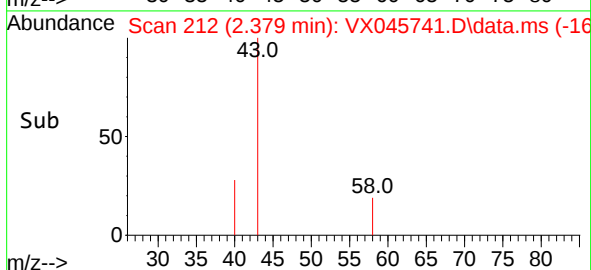
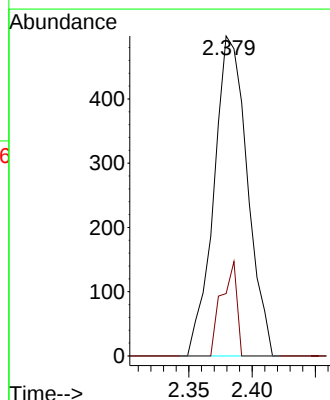
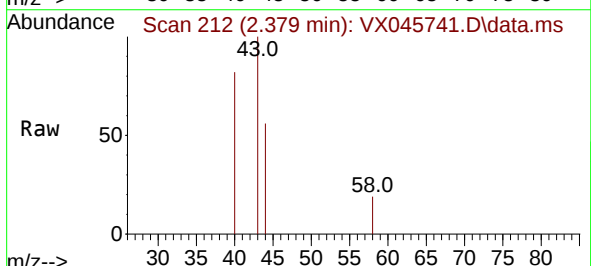
Instrument :
MSVOA_X
ClientSampleId :
MW-1

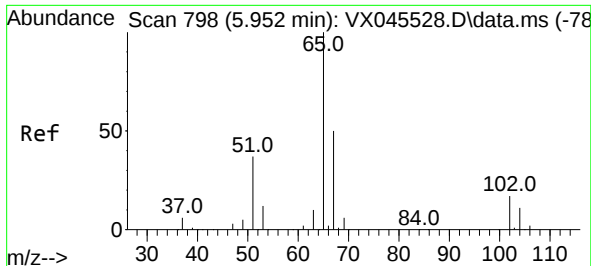
Tgt Ion:168 Resp: 68722
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5



#16
Acetone
Concen: 1.773 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045741.D
Acq: 11 Apr 2025 15:04

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 19.5 22.3 33.5#





#33

1,2-Dichloroethane-d4

Concen: 53.302 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

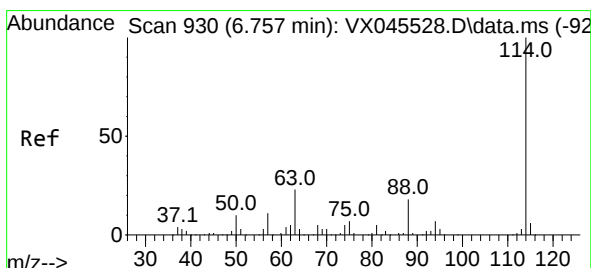
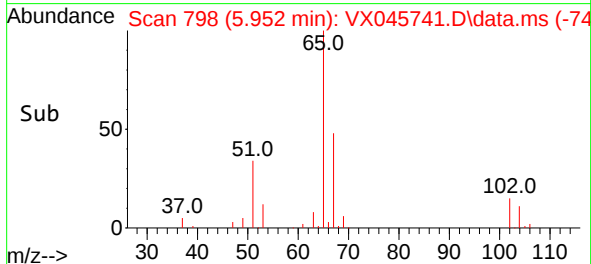
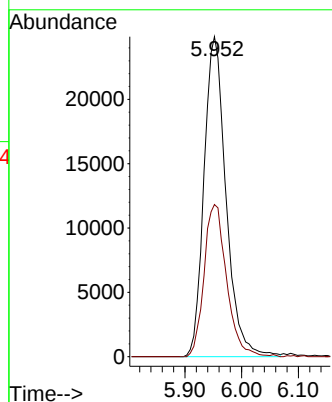
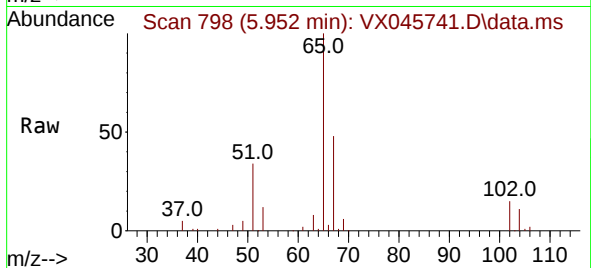
MW-1

Tgt Ion: 65 Resp: 66987

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

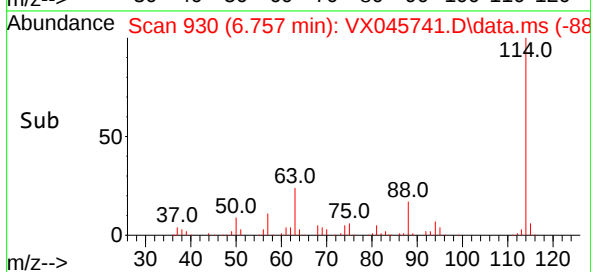
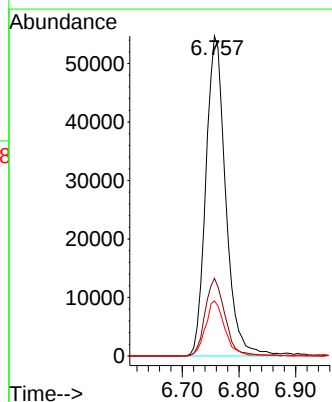
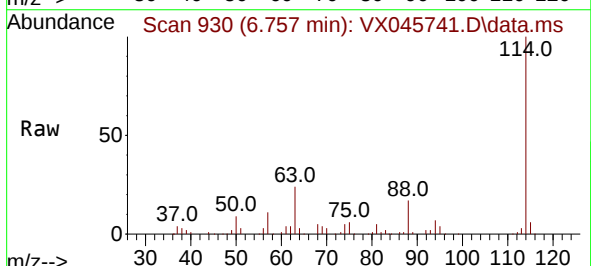
Tgt Ion: 114 Resp: 132692

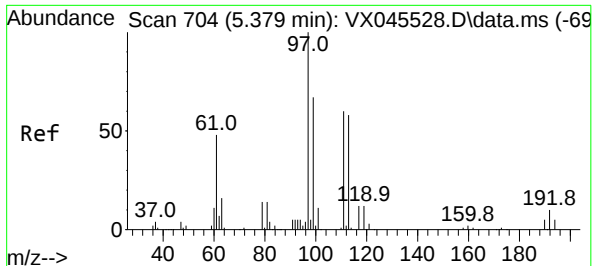
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 17.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045741.D

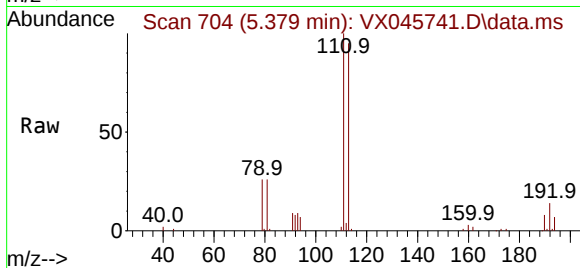
Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1



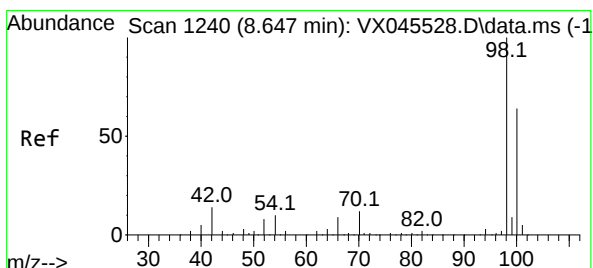
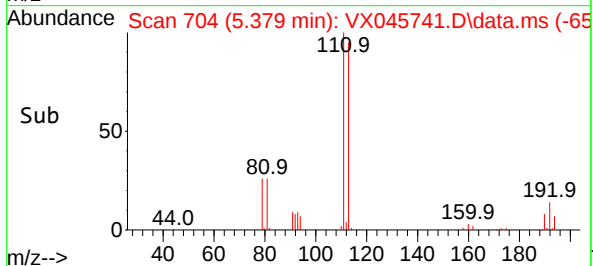
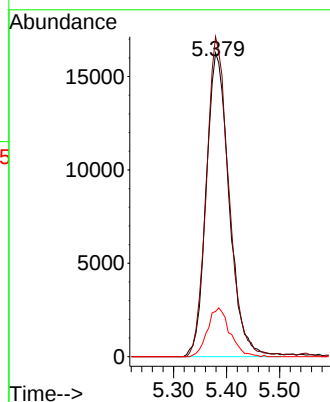
Tgt Ion:113 Resp: 48989

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 15.7 13.8 20.6



#50

Toluene-d8

Concen: 50.934 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045741.D

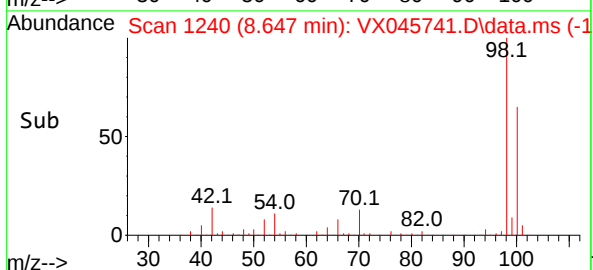
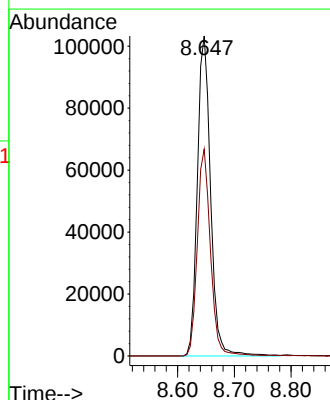
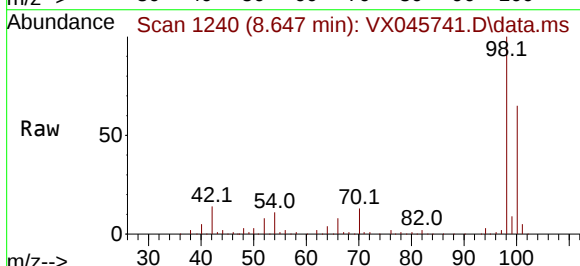
Acq: 11 Apr 2025 15:04

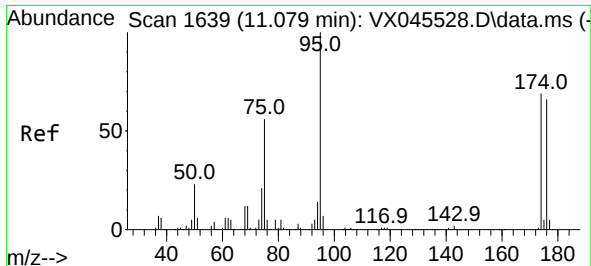
Tgt Ion: 98 Resp: 167371

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 50.611 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

MW-1

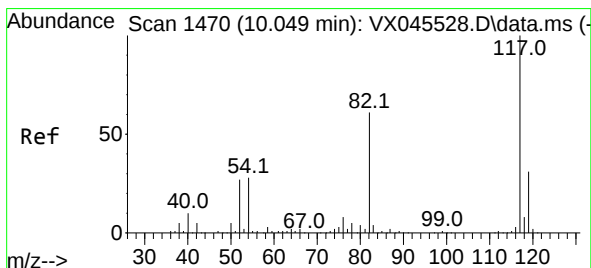
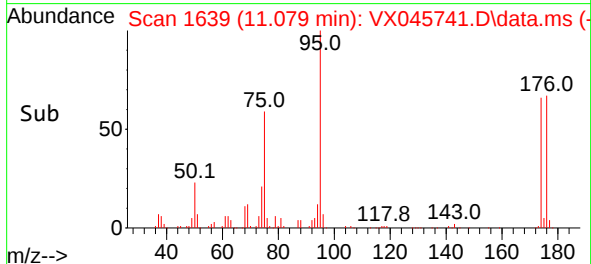
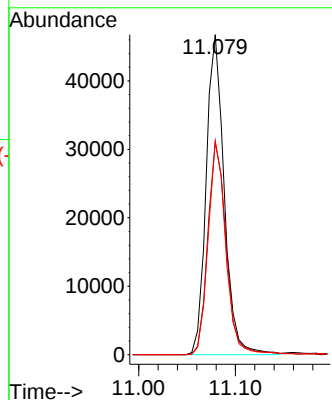
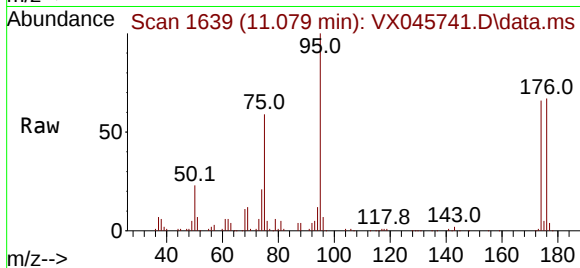
Tgt Ion: 95 Resp: 60578

Ion Ratio Lower Upper

95 100

174 68.1 0.0 135.8

176 65.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045741.D

Acq: 11 Apr 2025 15:04

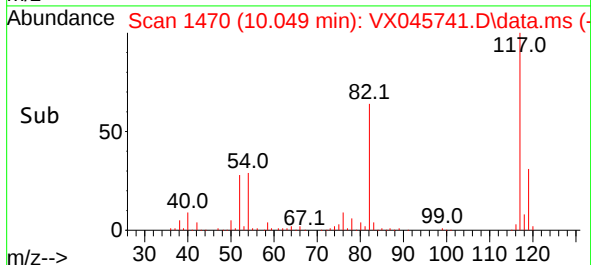
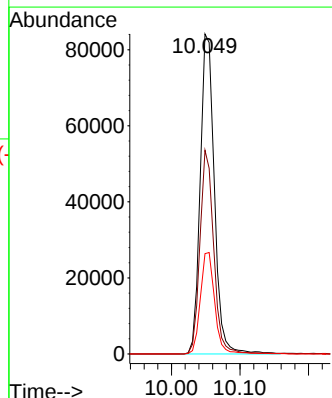
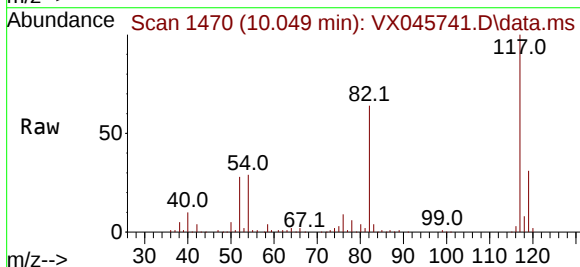
Tgt Ion: 117 Resp: 121469

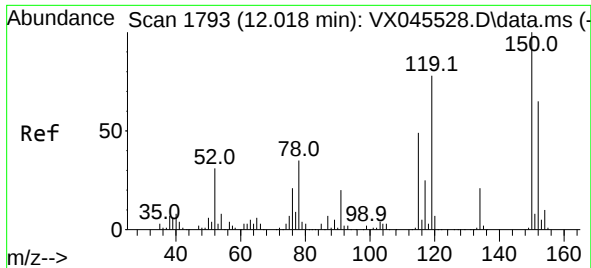
Ion Ratio Lower Upper

117 100

82 63.7 49.2 73.8

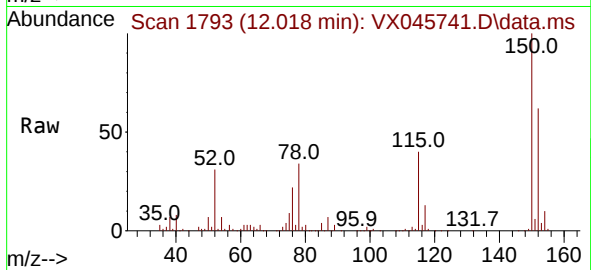
119 31.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045741.D
 Acq: 11 Apr 2025 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1



Tgt Ion:152 Resp: 48933
 Ion Ratio Lower Upper
 152 100
 115 64.8 46.9 140.7
 150 159.0 0.0 349.4

