

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045387.D
 Acq On : 21 Mar 2025 14:51
 Operator : JC/MD
 Sample : Q1582-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20250313

Quant Time: Mar 21 23:16:04 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)

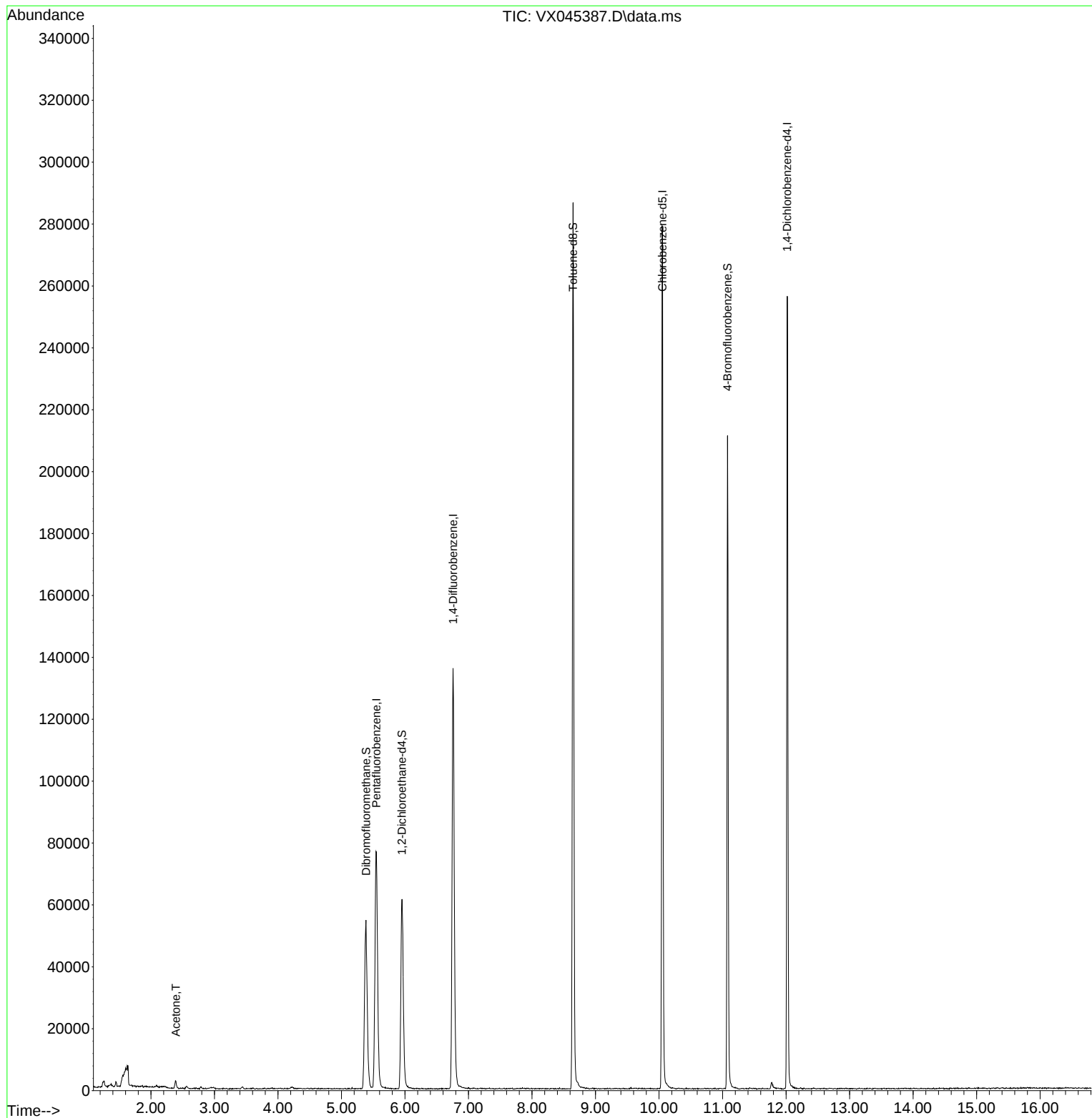
Internal Standards						
1) Pentafluorobenzene	5.550	168	68479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61073	56.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.140%
35) Dibromofluoromethane	5.385	113	46466	53.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.300%
50) Toluene-d8	8.647	98	163370	51.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.080%
62) 4-Bromofluorobenzene	11.079	95	54095	51.503	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.000%
Target Compounds						
16) Acetone	2.392	43	2878	5.695	ug/l	Qvalue # 83

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

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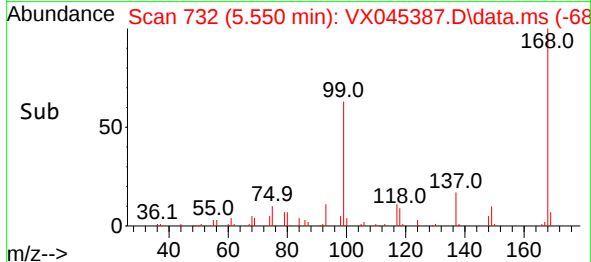
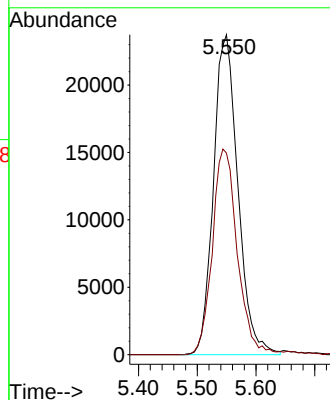
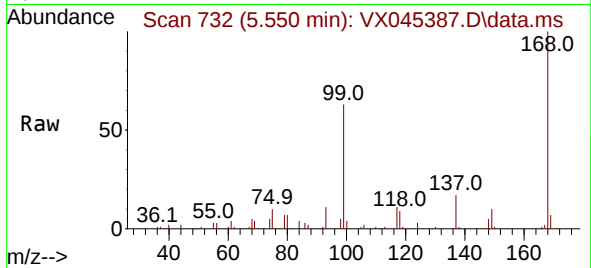




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045387.D
Acq: 21 Mar 2025 14:51

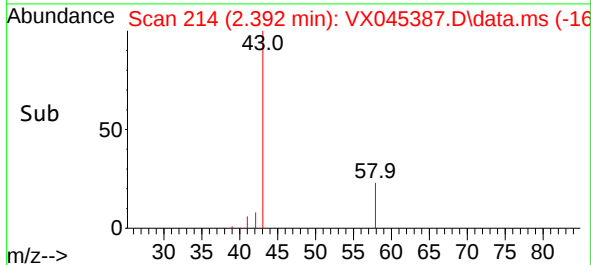
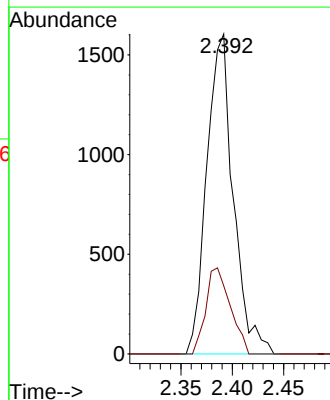
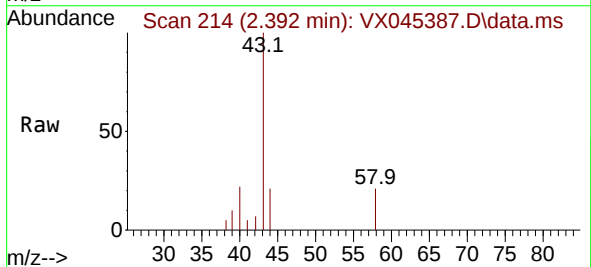
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

Tgt Ion:168 Resp: 68479
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#16
Acetone
Concen: 5.695 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045387.D
Acq: 21 Mar 2025 14:51

Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 21.3 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045387.D

Acq: 21 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

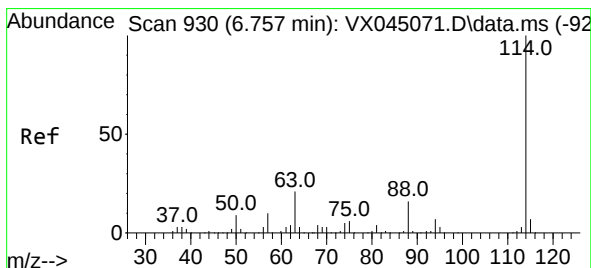
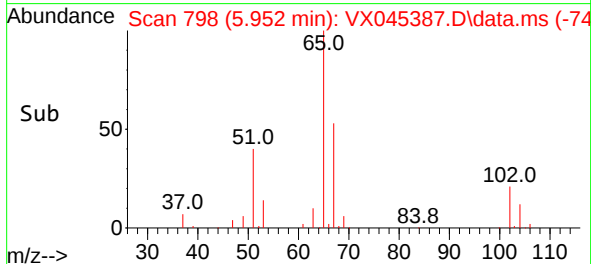
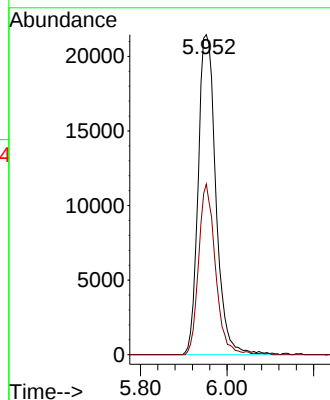
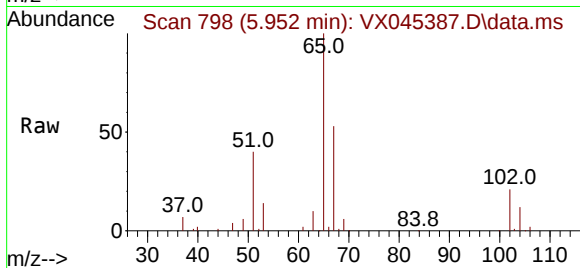
FB02-20250313

Tgt Ion: 65 Resp: 61073

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045387.D

Acq: 21 Mar 2025 14:51

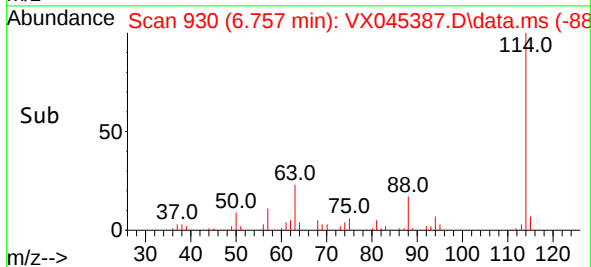
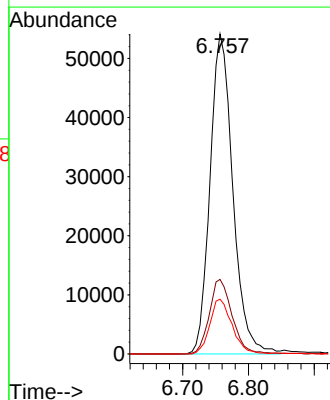
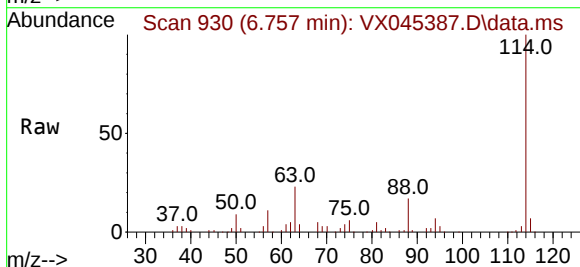
Tgt Ion: 114 Resp: 130752

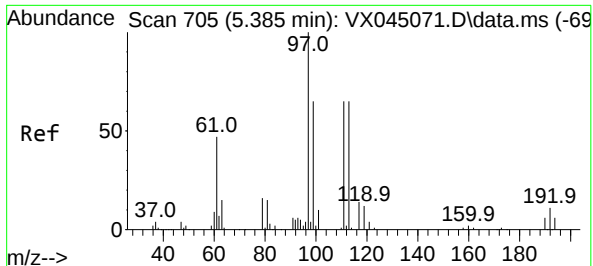
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.146 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045387.D

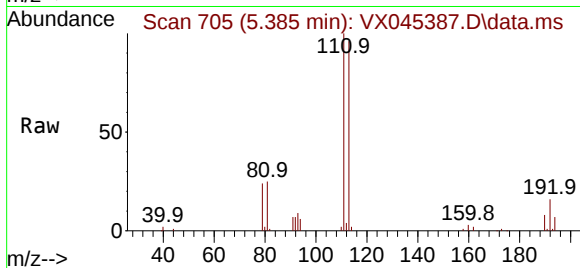
Acq: 21 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

FB02-20250313



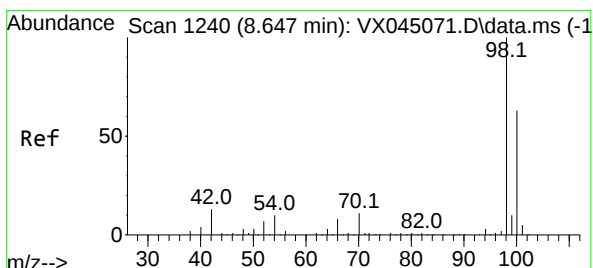
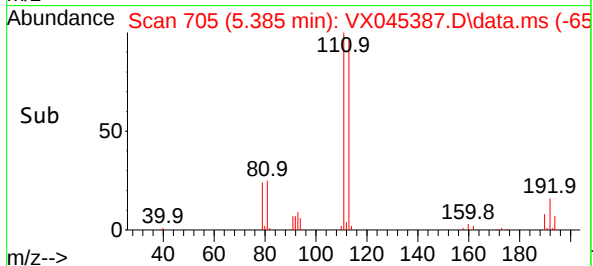
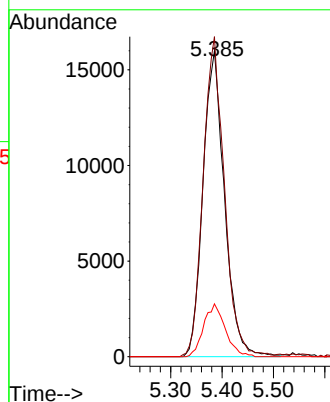
Tgt Ion:113 Resp: 46466

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

192 17.4 14.3 21.5



#50

Toluene-d8

Concen: 51.542 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045387.D

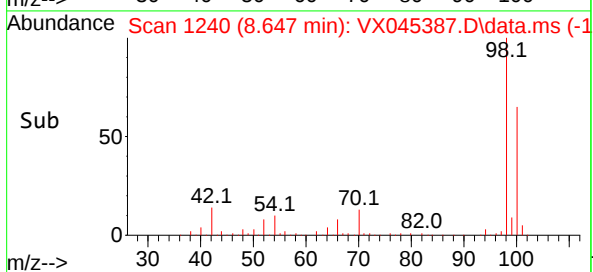
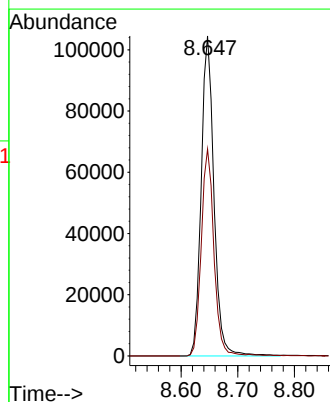
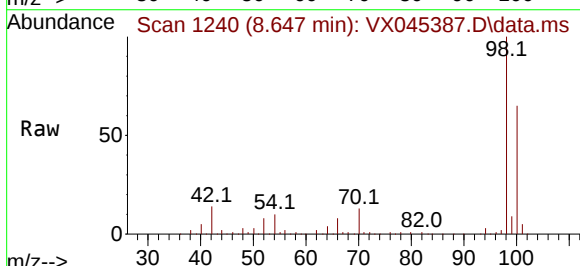
Acq: 21 Mar 2025 14:51

Tgt Ion: 98 Resp: 163370

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.503 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045387.D

Acq: 21 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

FB02-20250313

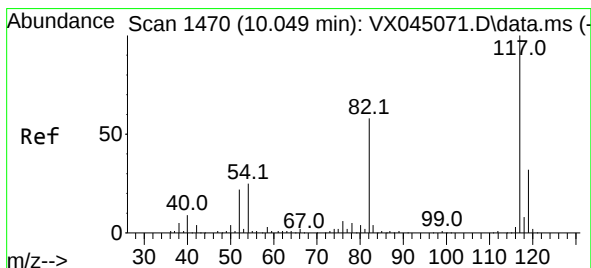
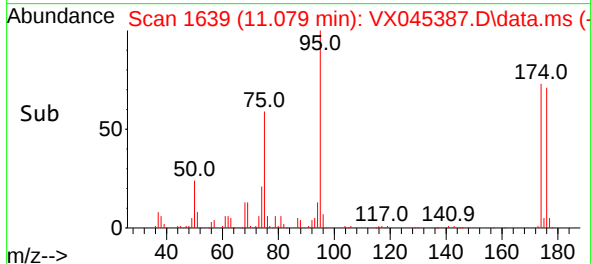
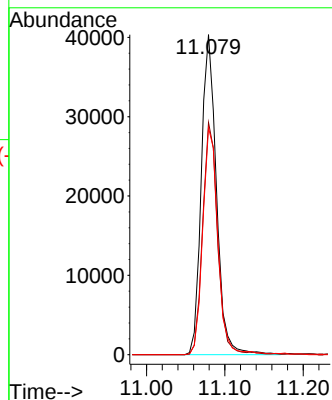
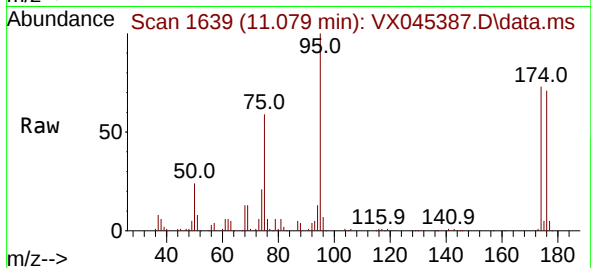
Tgt Ion: 95 Resp: 54095

Ion Ratio Lower Upper

95 100

174 71.7 0.0 148.2

176 71.0 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045387.D

Acq: 21 Mar 2025 14:51

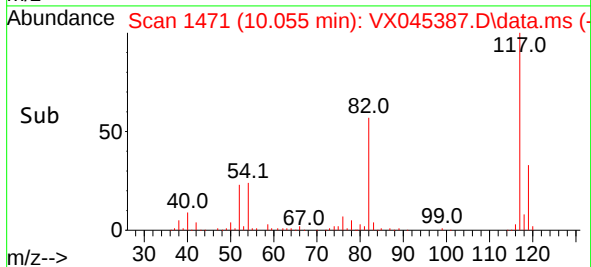
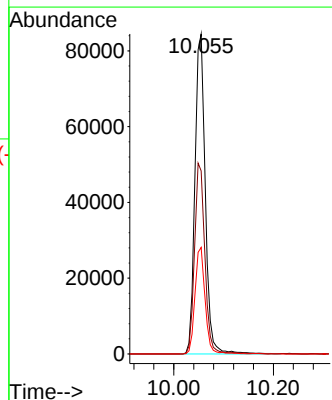
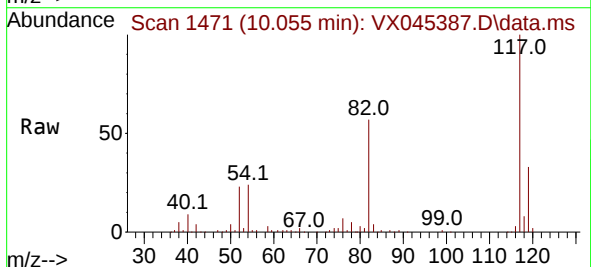
Tgt Ion: 117 Resp: 122006

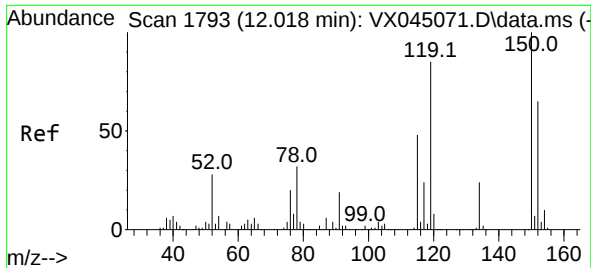
Ion Ratio Lower Upper

117 100

82 57.2 46.3 69.5

119 33.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045387.D
 Acq: 21 Mar 2025 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20250313

Tgt Ion:152 Resp: 47392
 Ion Ratio Lower Upper
 152 100
 115 63.7 44.2 132.6
 150 156.5 0.0 349.0

