

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045443.D
 Acq On : 25 Mar 2025 16:22
 Operator : JC/MD
 Sample : Q1629-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 26 01:40:47 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)

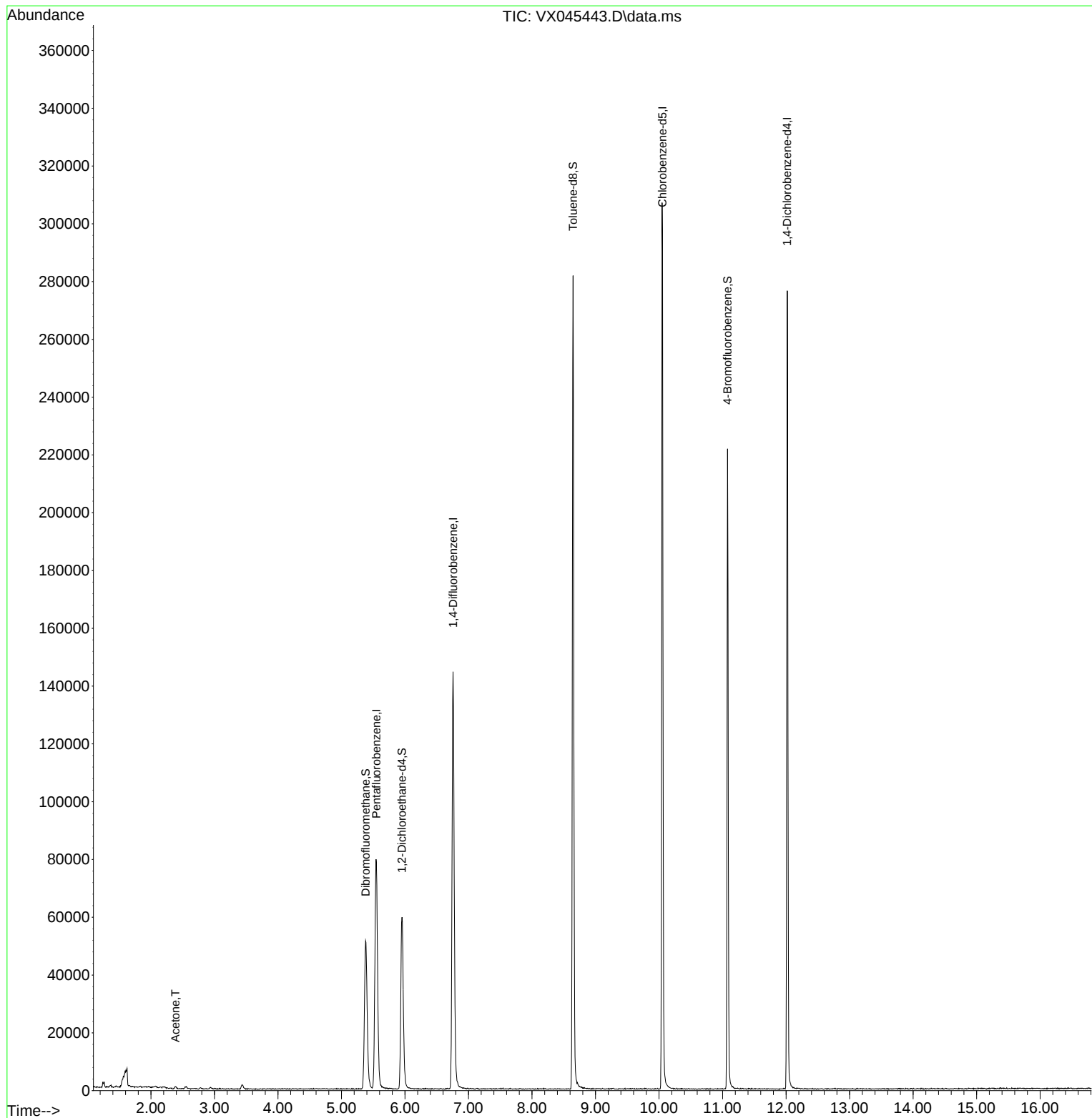
Internal Standards						
1) Pentafluorobenzene	5.549	168	70921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	138131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59806	53.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.020%
35) Dibromofluoromethane	5.379	113	45349	49.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.646	98	158344	47.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.079	95	56114	50.571	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.140%
Target Compounds						
16) Acetone	2.385	43	843	1.611	ug/l	Qvalue 91

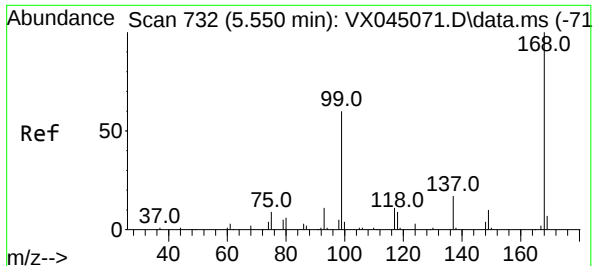
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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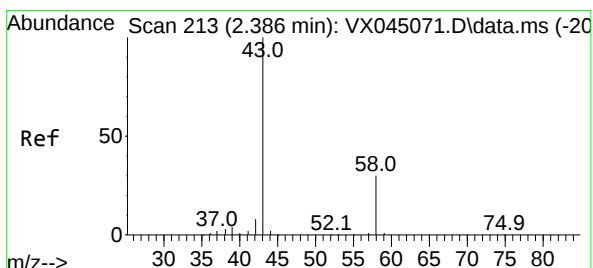
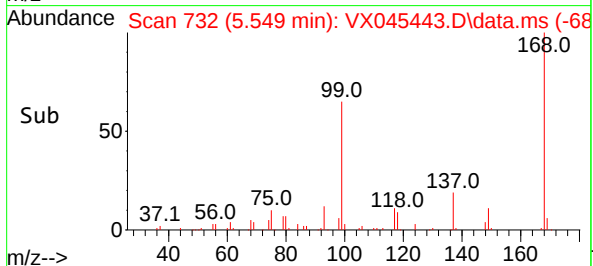
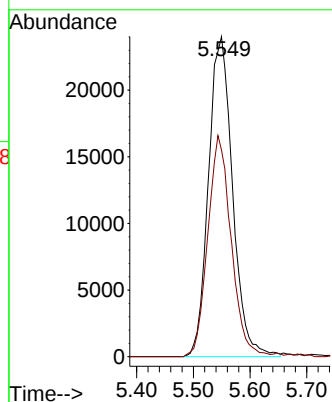
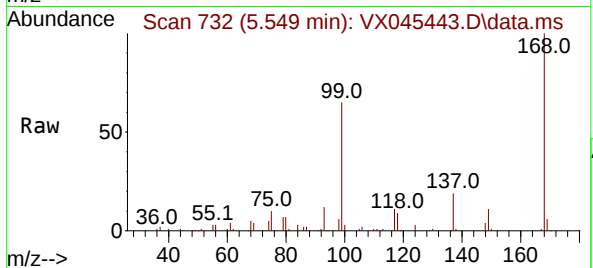




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045443.D
Acq: 25 Mar 2025 16:22

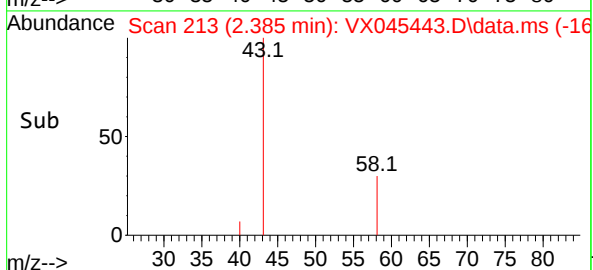
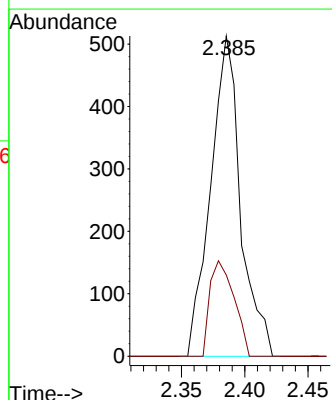
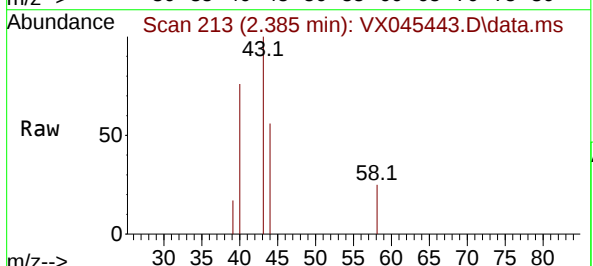
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 70921
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#16
Acetone
Concen: 1.611 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045443.D
Acq: 25 Mar 2025 16:22

Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 25.3 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 53.015 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045443.D

Acq: 25 Mar 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

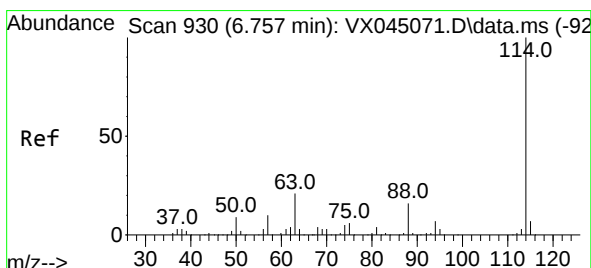
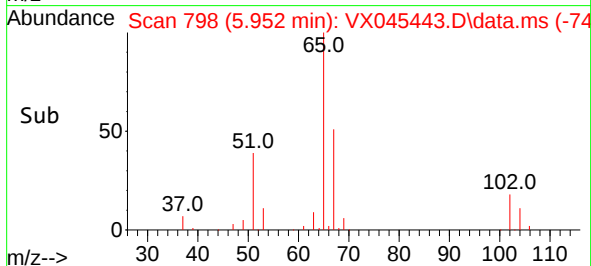
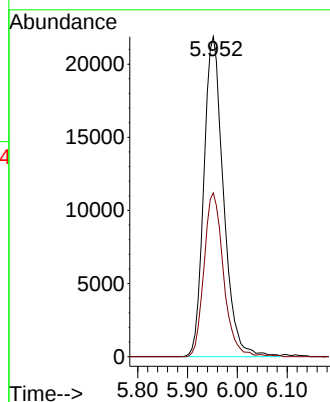
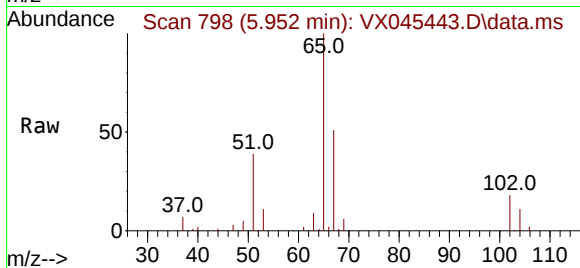
TB

Tgt Ion: 65 Resp: 59806

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045443.D

Acq: 25 Mar 2025 16:22

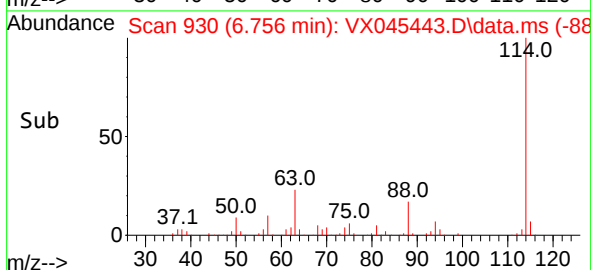
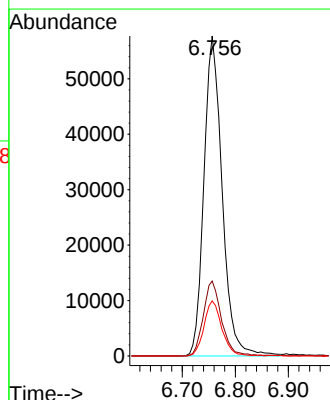
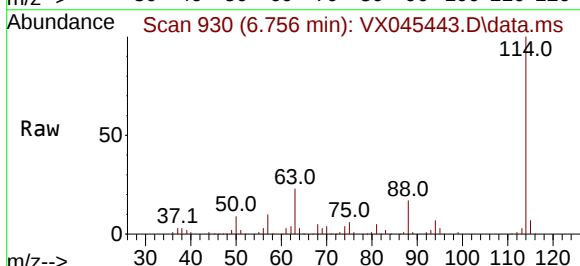
Tgt Ion: 114 Resp: 138131

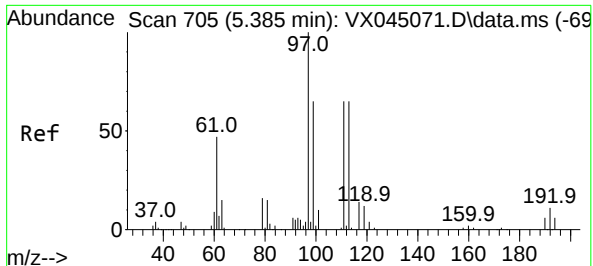
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.098 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX045443.D

Acq: 25 Mar 2025 16:22

Instrument :

MSVOA_X

ClientSampleId :

TB

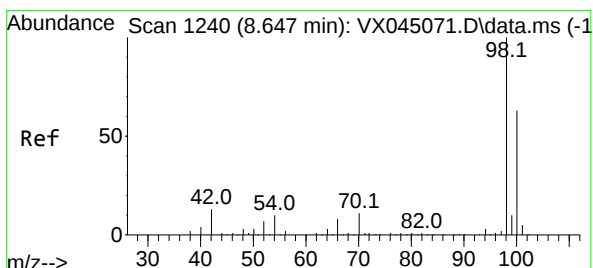
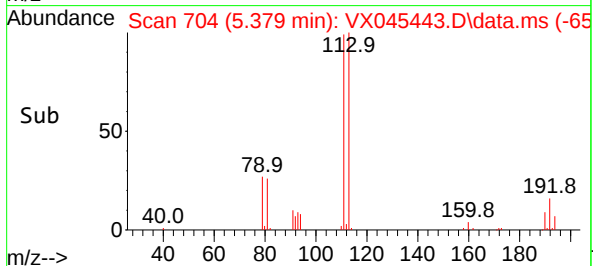
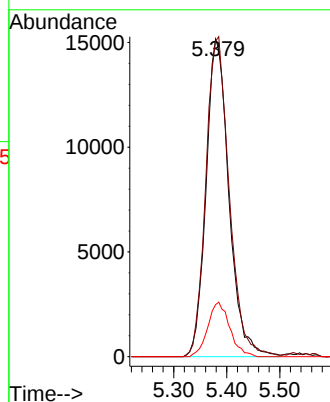
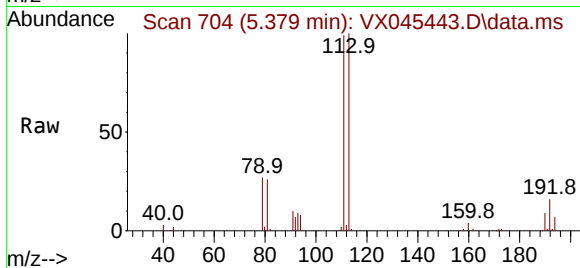
Tgt Ion:113 Resp: 45349

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.6 14.3 21.5



#50

Toluene-d8

Concen: 47.287 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045443.D

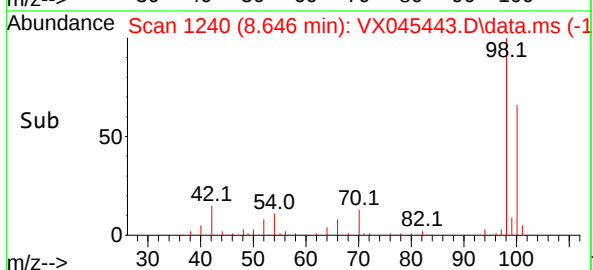
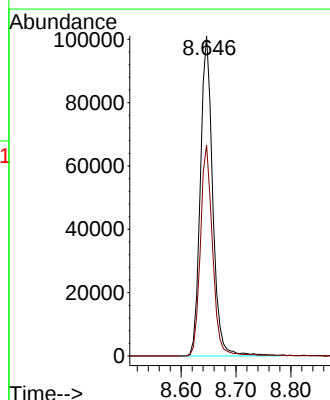
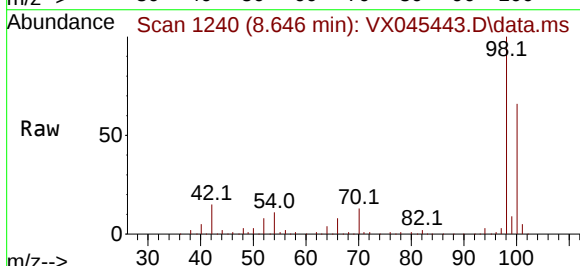
Acq: 25 Mar 2025 16:22

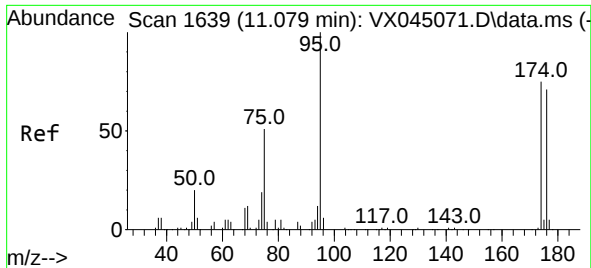
Tgt Ion: 98 Resp: 158344

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

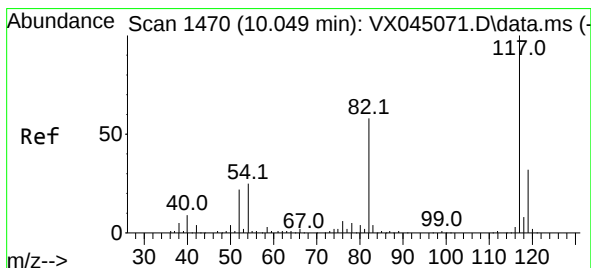
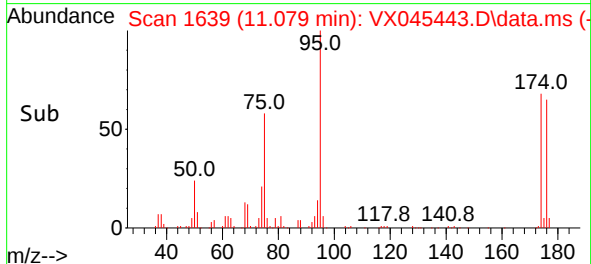
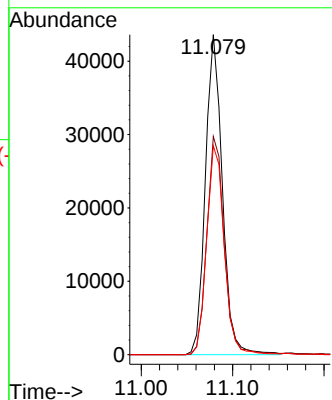
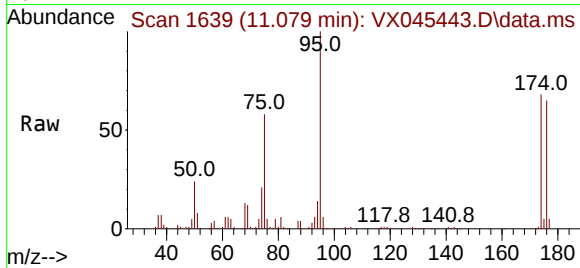




#62
4-Bromofluorobenzene
Concen: 50.571 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045443.D
Acq: 25 Mar 2025 16:22

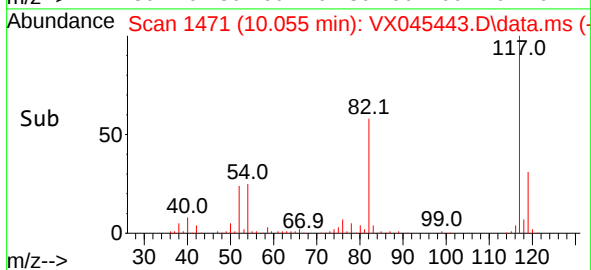
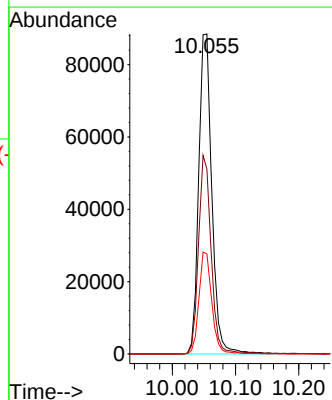
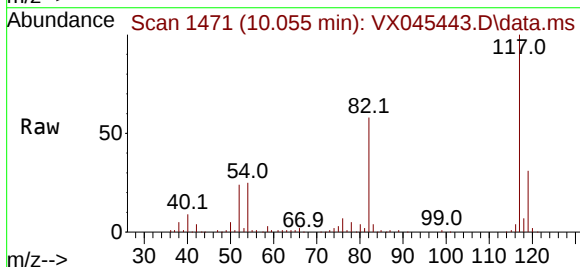
Instrument :
MSVOA_X
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TB

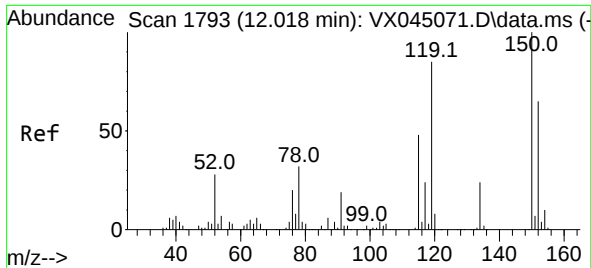
Tgt Ion: 95 Resp: 56114
Ion Ratio Lower Upper
95 100
174 70.3 0.0 148.2
176 67.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045443.D
Acq: 25 Mar 2025 16:22

Tgt Ion: 117 Resp: 128366
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 31.3 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: VX045443.D
 Acq: 25 Mar 2025 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion:152 Resp: 51682
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.2 132.6
 150 157.8 0.0 349.0

