

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045188.D
 Acq On : 10 Mar 2025 12:10
 Operator : JC/MD
 Sample : Q1500-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 11 03:53:01 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)

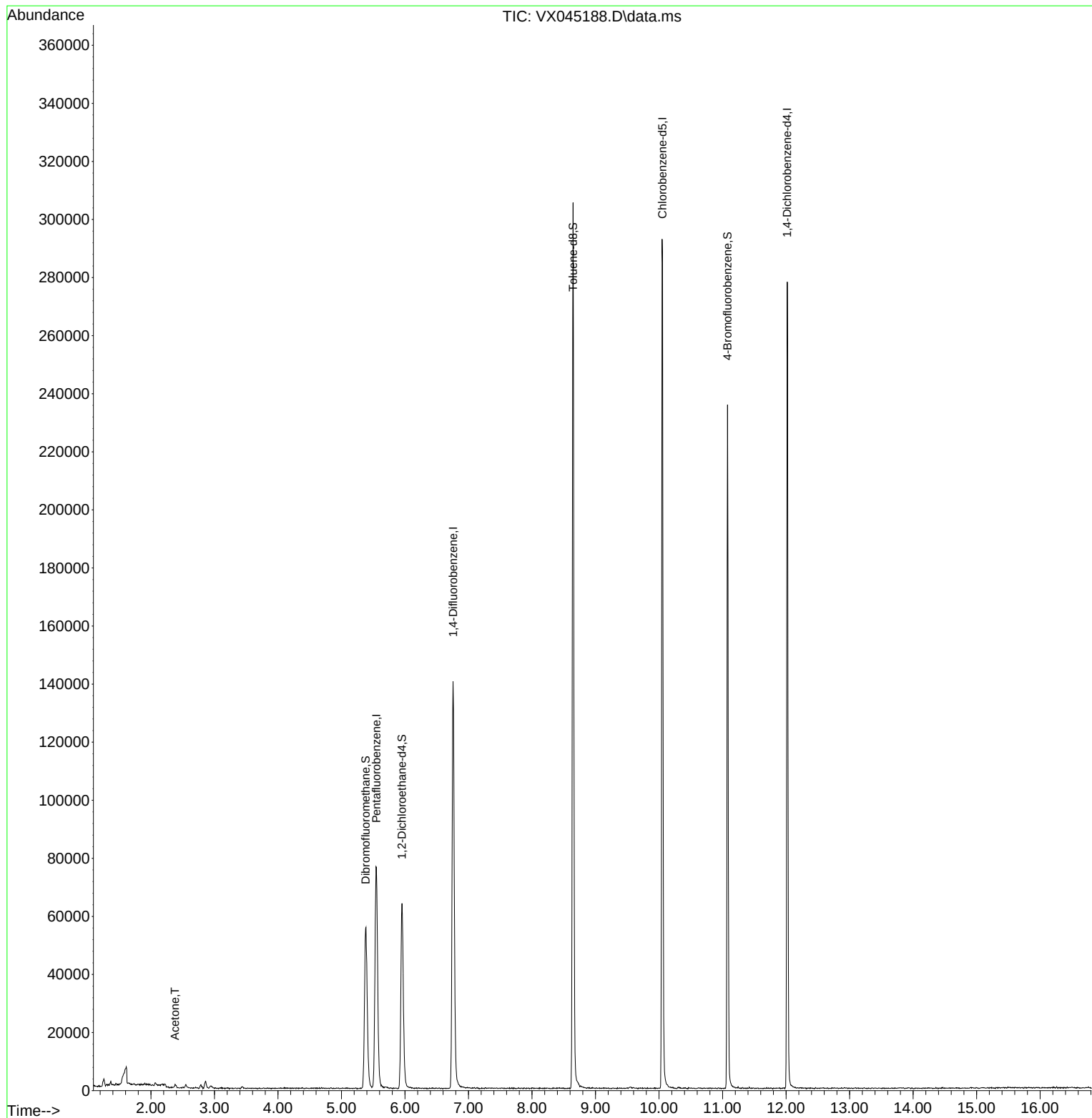
Internal Standards						
1) Pentafluorobenzene	5.550	168	71688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61822	54.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	5.379	113	50006	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	8.647	98	177385	51.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	11.079	95	60260	53.019	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.040%	
Target Compounds						
16) Acetone	2.380	43	1302	2.461	ug/l	Qvalue # 88

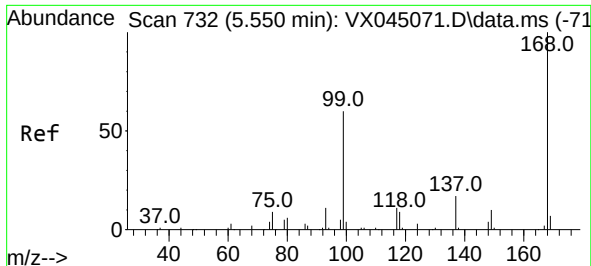
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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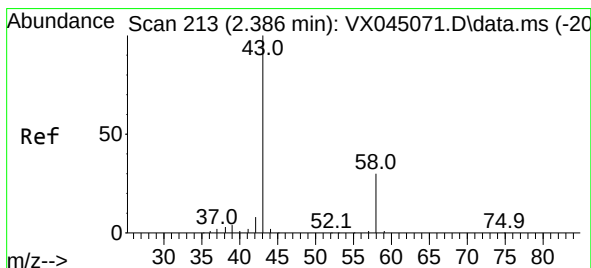
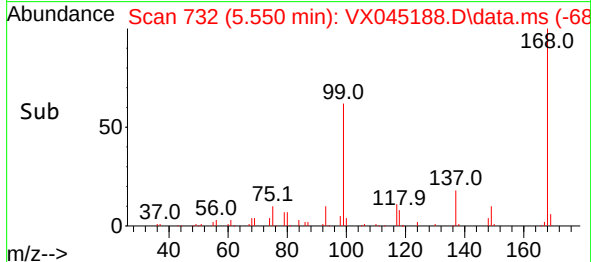
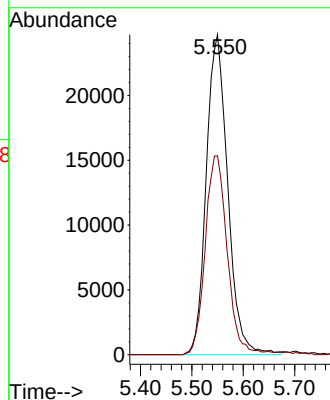
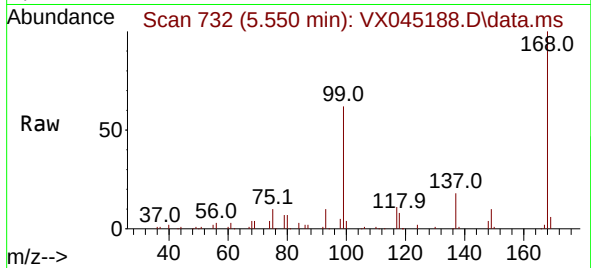




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

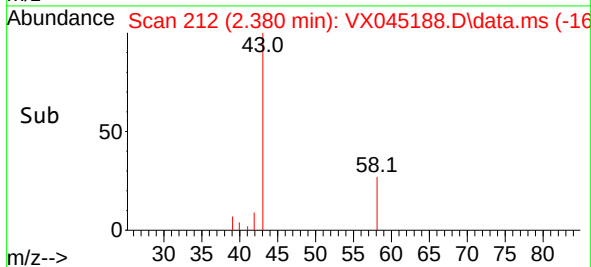
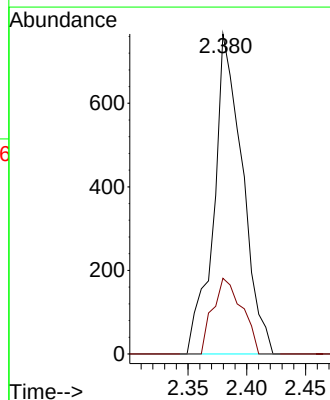
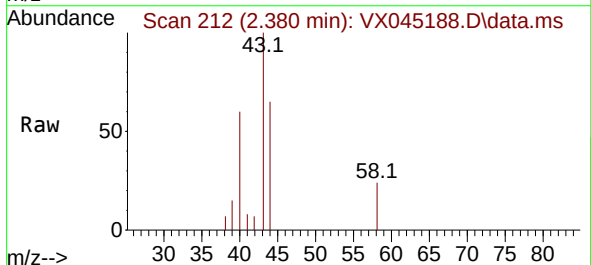
Instrument :
MSVOA_X
ClientSampleId :
TB

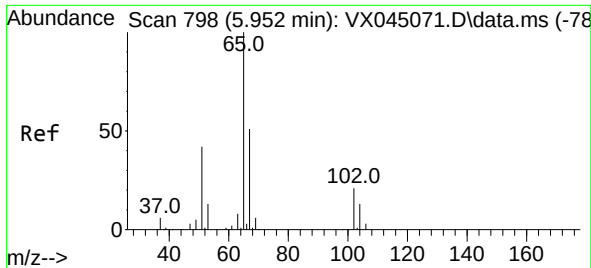
Tgt Ion:168 Resp: 71688
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#16
Acetone
Concen: 2.461 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 23.6 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 54.215 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045188.D

Acq: 10 Mar 2025 12:10

Instrument :

MSVOA_X

ClientSampleId :

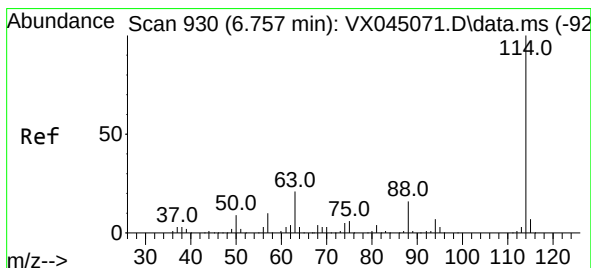
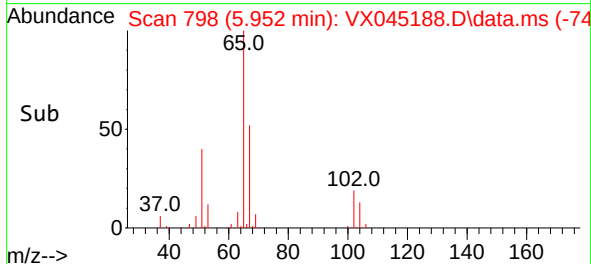
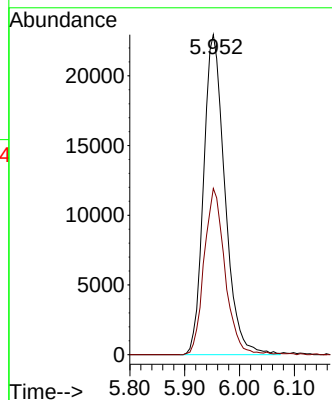
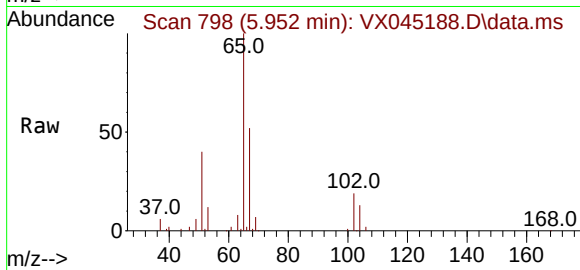
TB

Tgt Ion: 65 Resp: 61822

Ion Ratio Lower Upper

65 100

67 50.9 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: VX045188.D

Acq: 10 Mar 2025 12:10

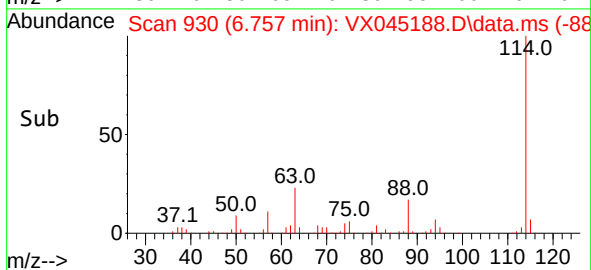
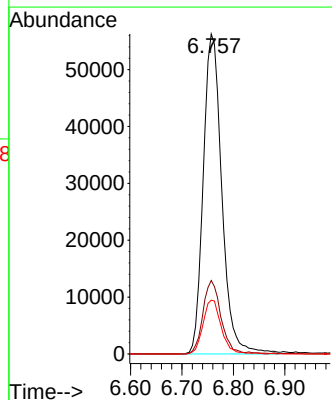
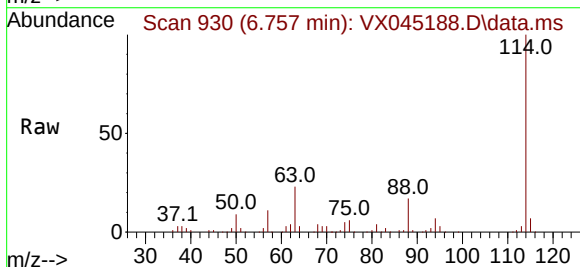
Tgt Ion: 114 Resp: 141487

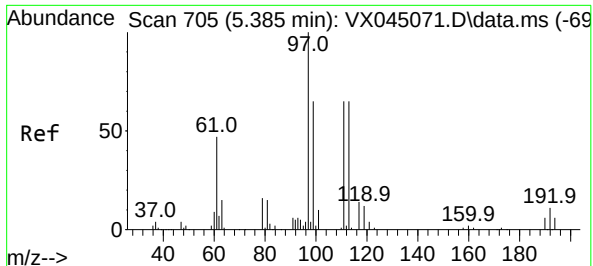
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.856 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045188.D

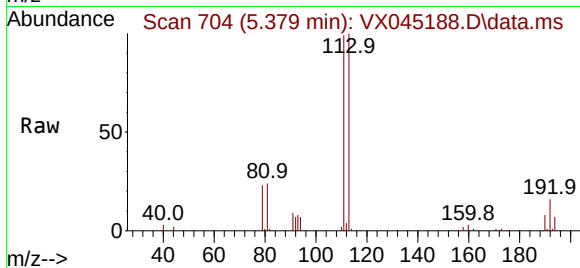
Acq: 10 Mar 2025 12:10

Instrument :

MSVOA_X

ClientSampleId :

TB



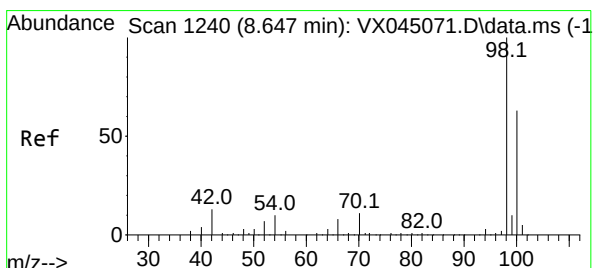
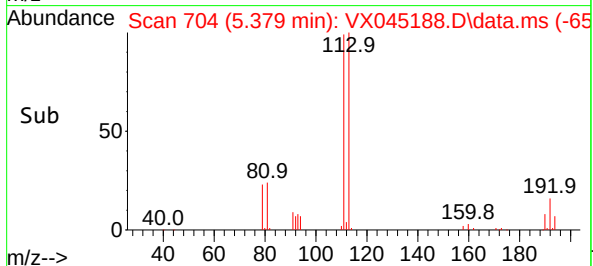
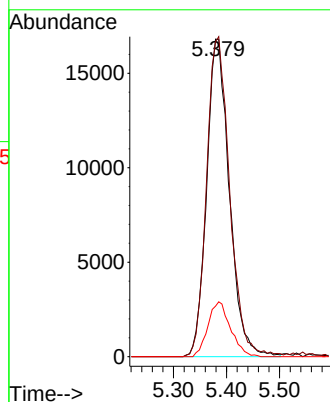
Tgt Ion:113 Resp: 50006

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 17.2 14.3 21.5



#50

Toluene-d8

Concen: 51.717 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045188.D

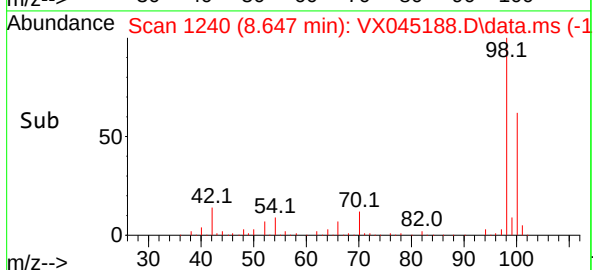
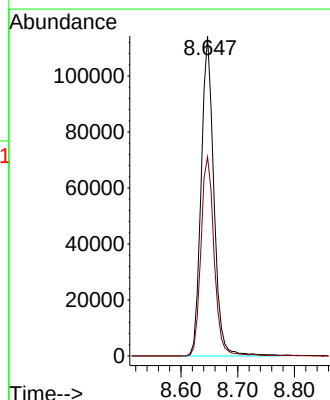
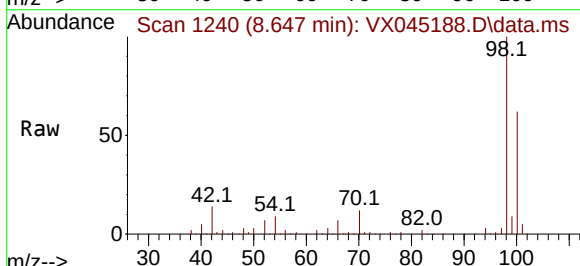
Acq: 10 Mar 2025 12:10

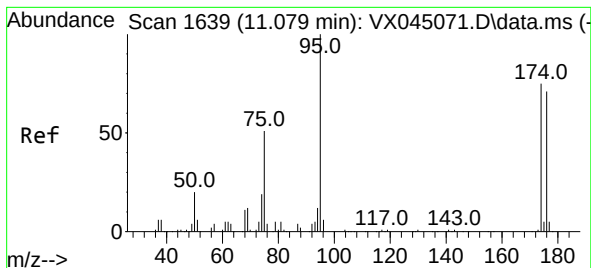
Tgt Ion: 98 Resp: 177385

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

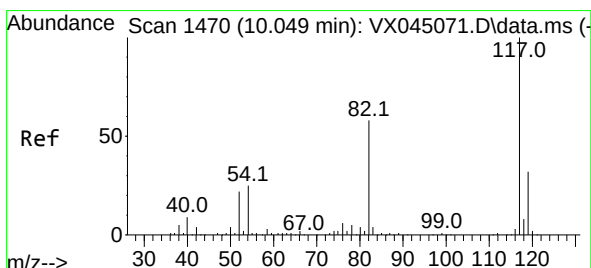
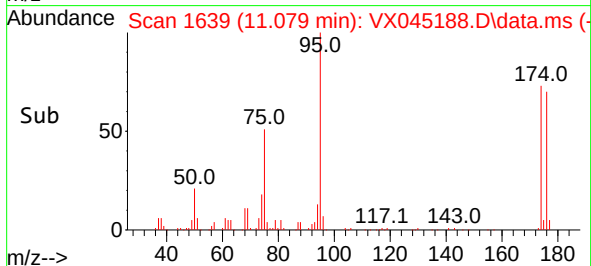
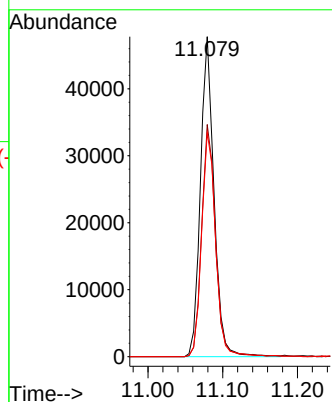
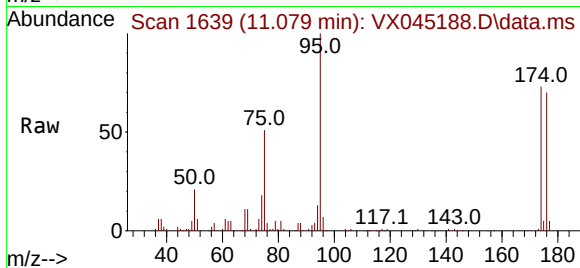




#62
4-Bromofluorobenzene
Concen: 53.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

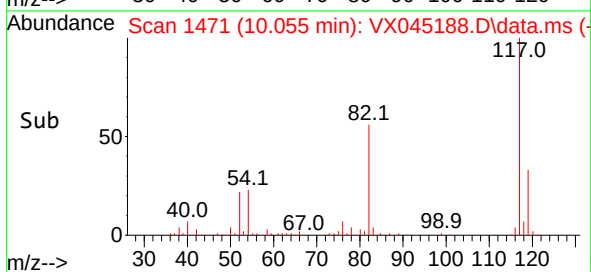
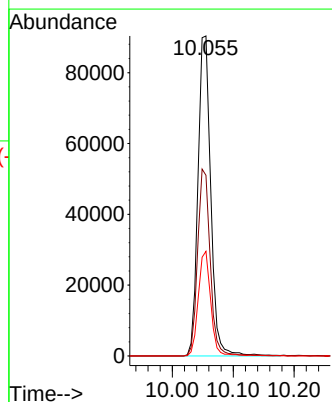
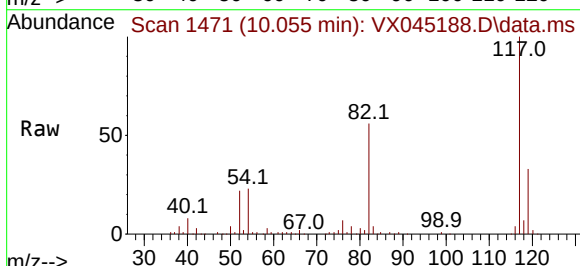
Instrument :
MSVOA_X
ClientSampleId :
TB

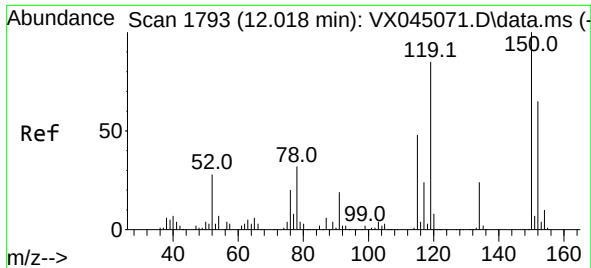
Tgt Ion: 95 Resp: 60260
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.2
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

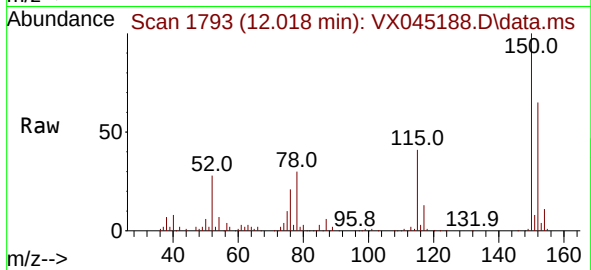
Tgt Ion: 117 Resp: 131729
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 32.7 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Instrument :
MSVOA_X
ClientSampleId :
TB



Tgt Ion:152 Resp: 55150
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 154.6 0.0 349.0

