

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045226.D
 Acq On : 11 Mar 2025 15:56
 Operator : JC/MD
 Sample : Q1531-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01

Quant Time: Mar 12 01:50:55 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)

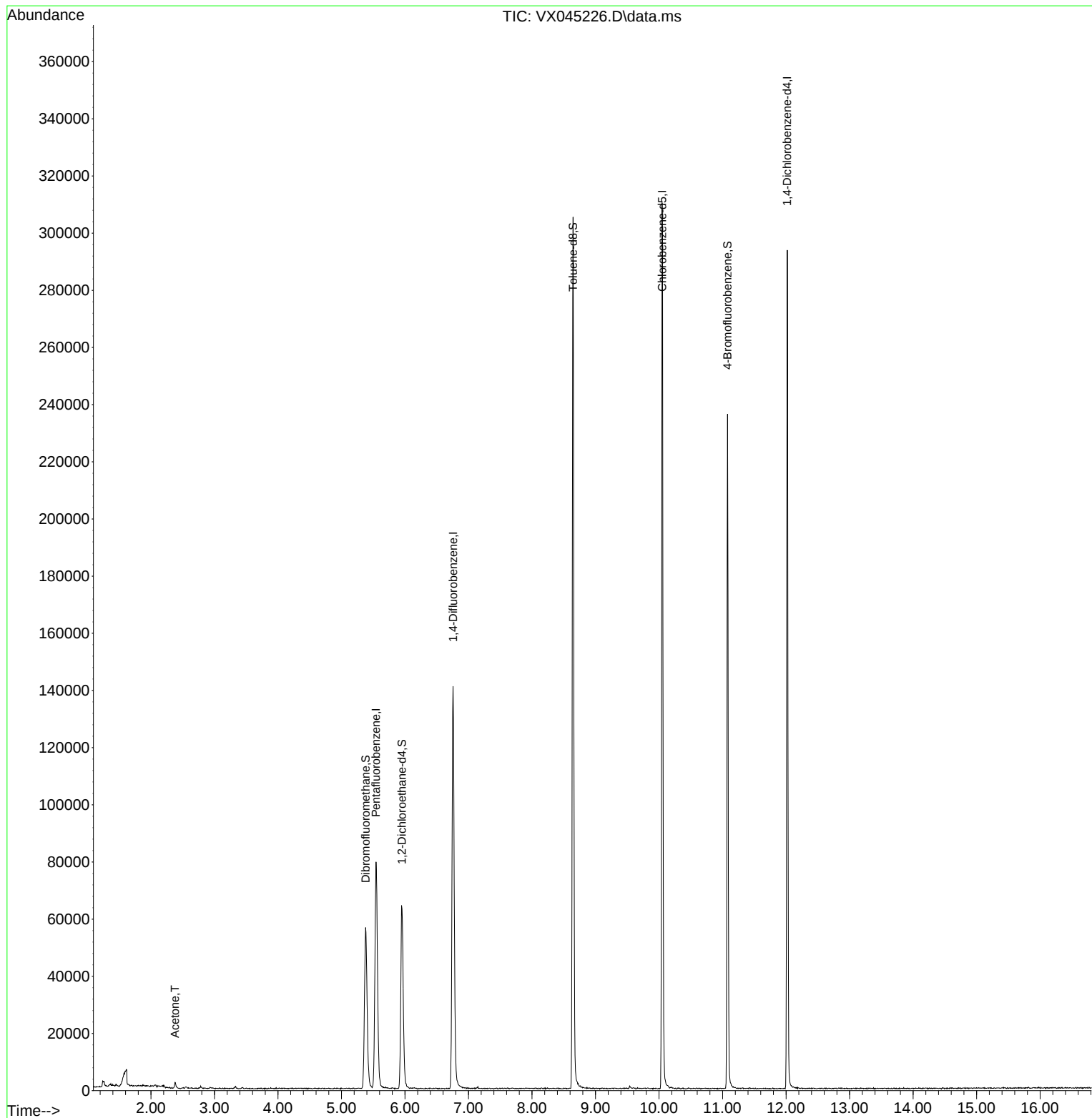
Internal Standards						
1) Pentafluorobenzene	5.544	168	72045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61370	53.552	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.100%	
35) Dibromofluoromethane	5.379	113	48315	51.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.260%	
50) Toluene-d8	8.647	98	176414	51.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	11.079	95	61523	54.724	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.440%	
Target Compounds						
16) Acetone	2.380	43	1961	3.688	ug/l	Qvalue # 89

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

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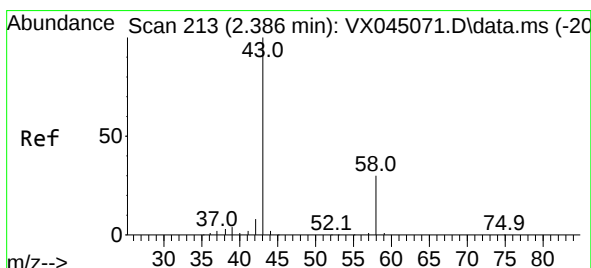
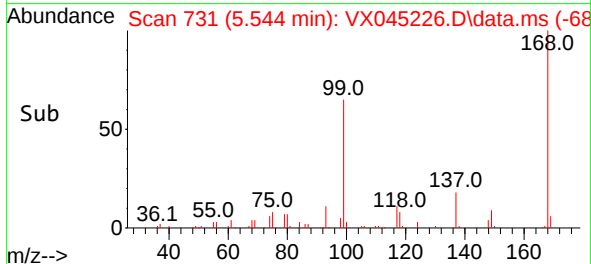
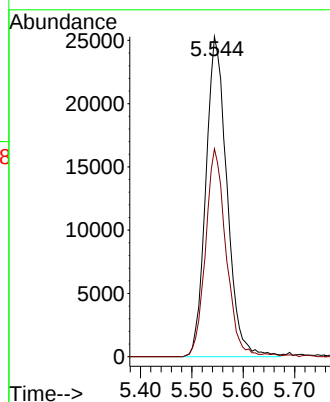
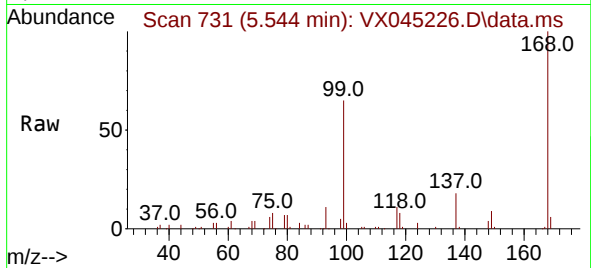




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

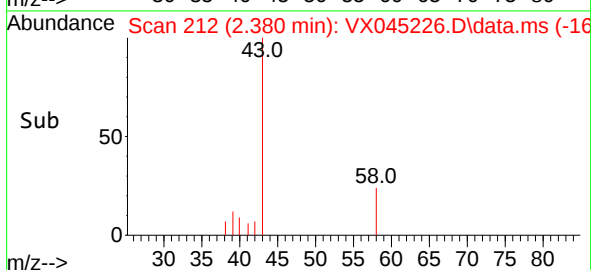
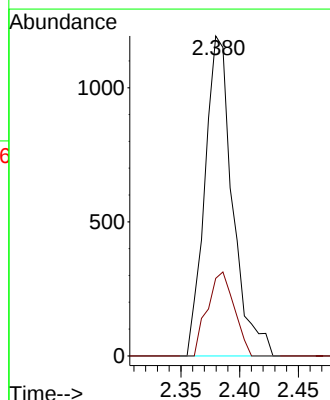
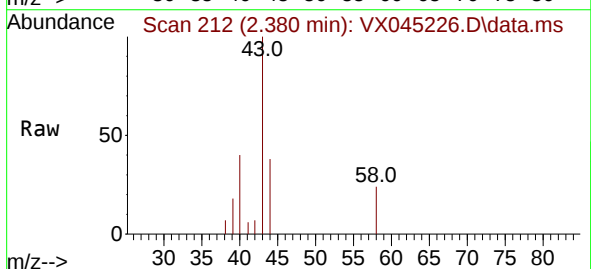
Instrument :
MSVOA_X
ClientSampleId :
FB01

Tgt Ion:168 Resp: 72045
Ion Ratio Lower Upper
168 100
99 64.9 48.2 72.4



#16
Acetone
Concen: 3.688 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 24.2 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 53.552 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045226.D

Acq: 11 Mar 2025 15:56

Instrument :

MSVOA_X

ClientSampleId :

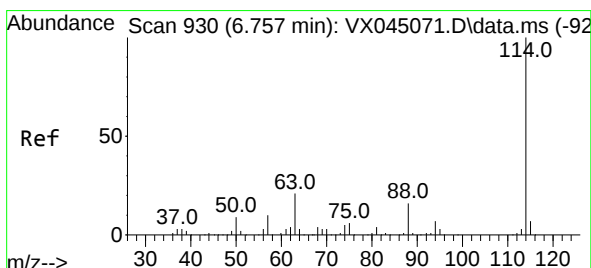
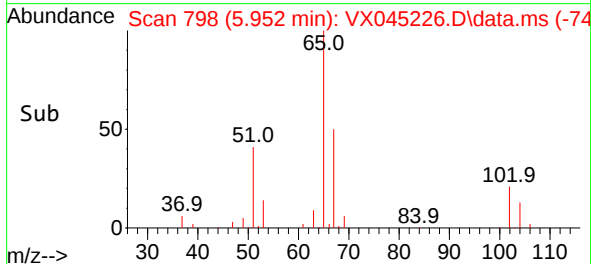
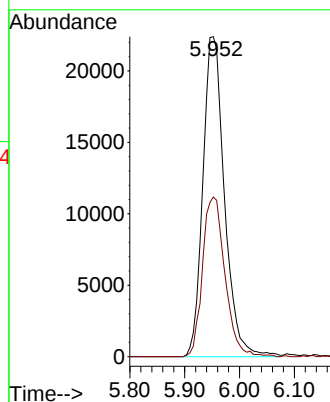
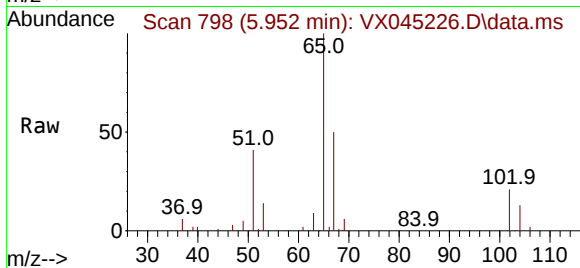
FB01

Tgt Ion: 65 Resp: 61370

Ion Ratio Lower Upper

65 100

67 51.7 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: VX045226.D

Acq: 11 Mar 2025 15:56

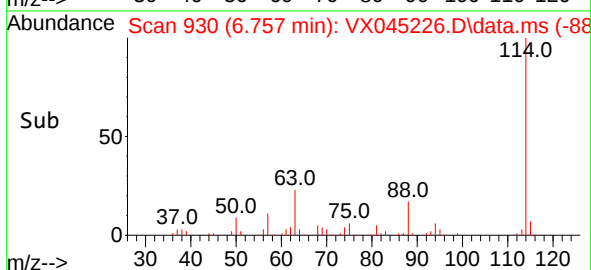
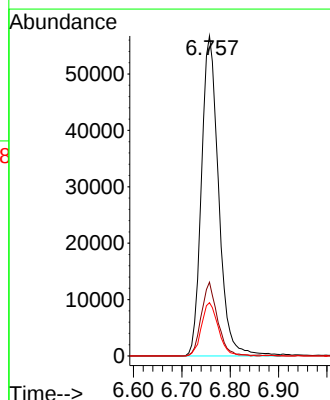
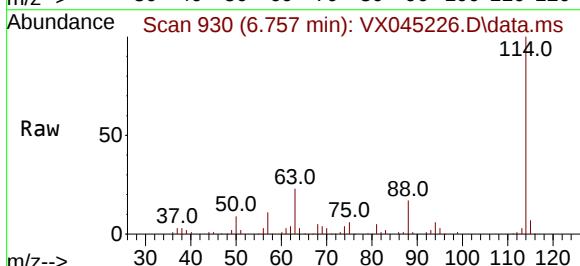
Tgt Ion: 114 Resp: 139952

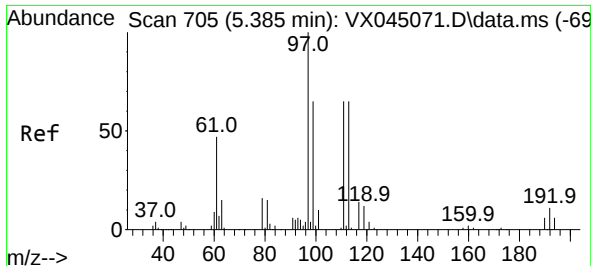
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.7 0.0 32.8

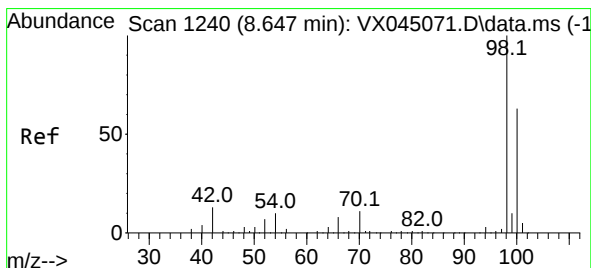
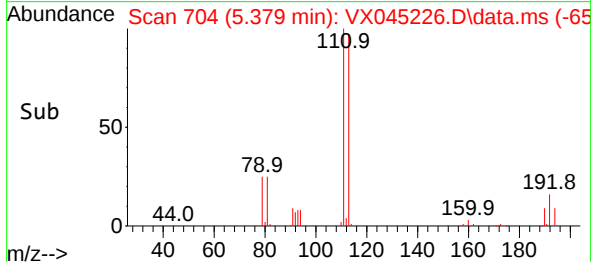
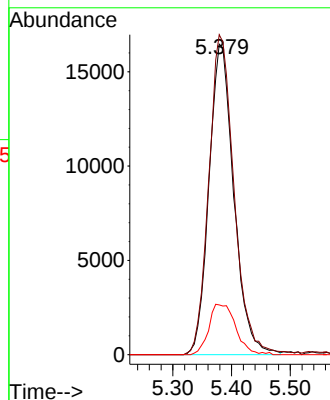
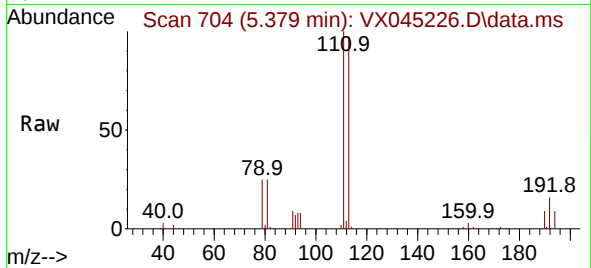




#35
Dibromofluoromethane
Concen: 51.628 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

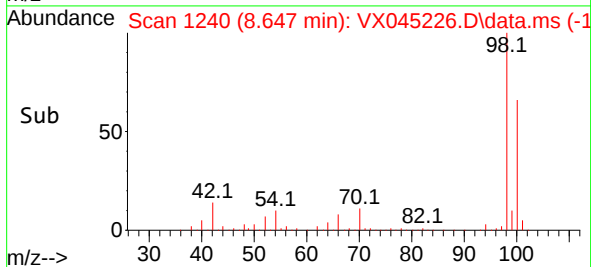
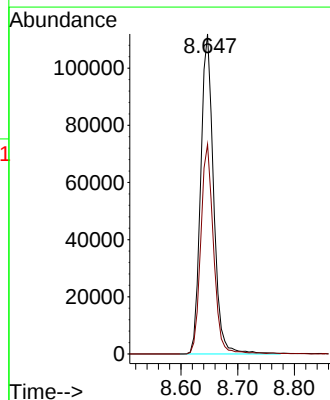
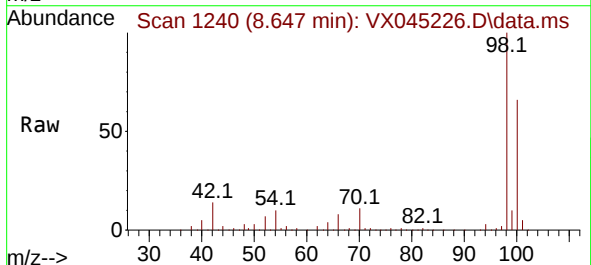
Instrument :
MSVOA_X
ClientSampleId :
FB01

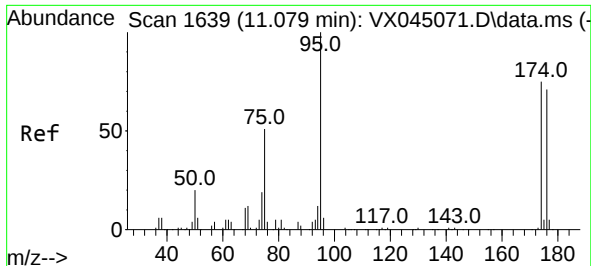
Tgt Ion:113 Resp: 48315
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 17.6 14.3 21.5



#50
Toluene-d8
Concen: 51.998 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

Tgt Ion: 98 Resp: 176414
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

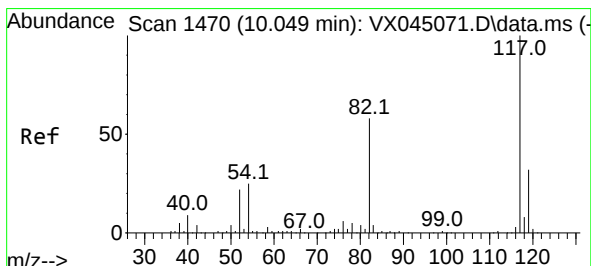
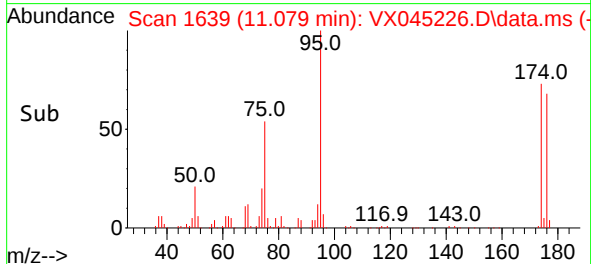
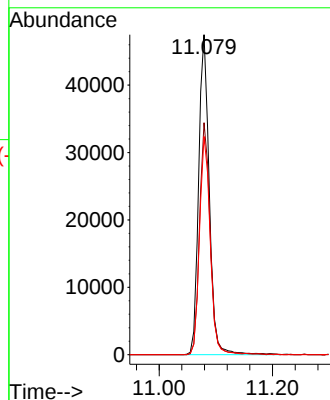
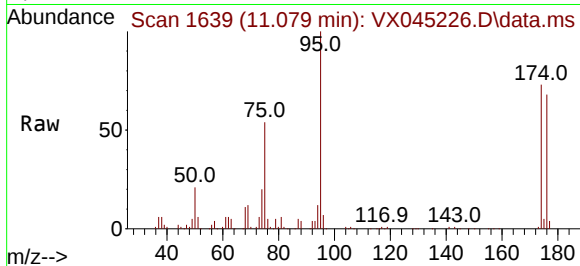




#62
4-Bromofluorobenzene
Concen: 54.724 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

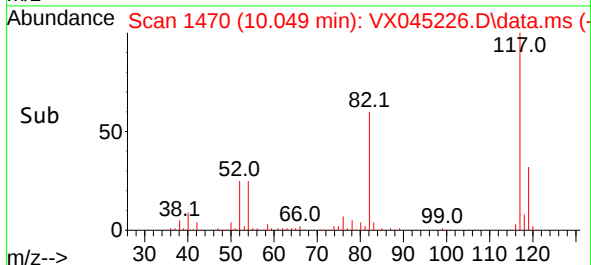
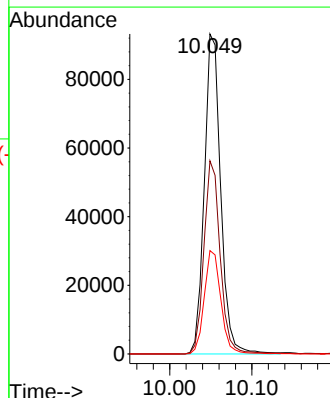
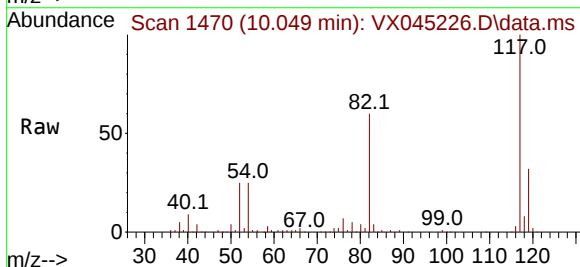
Instrument :
MSVOA_X
ClientSampleId :
FB01

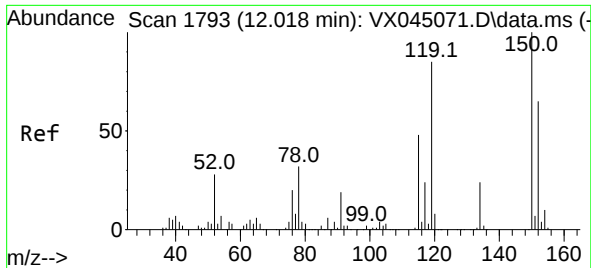
Tgt Ion: 95 Resp: 61523
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.2
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045226.D
Acq: 11 Mar 2025 15:56

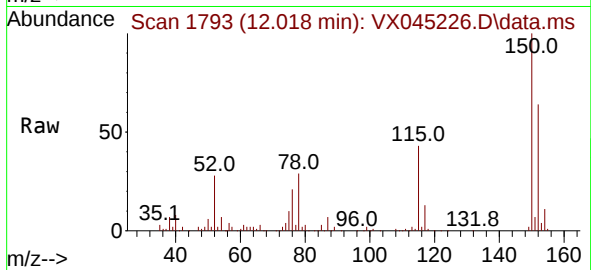
Tgt Ion: 117 Resp: 128901
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045226.D
 Acq: 11 Mar 2025 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01



Tgt Ion:152 Resp: 56102
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.2 132.6
 150 157.4 0.0 349.0

