

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045361.D
 Acq On : 20 Mar 2025 15:13
 Operator : JC/MD
 Sample : Q1582-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20250313

Quant Time: Mar 21 01:49:11 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)

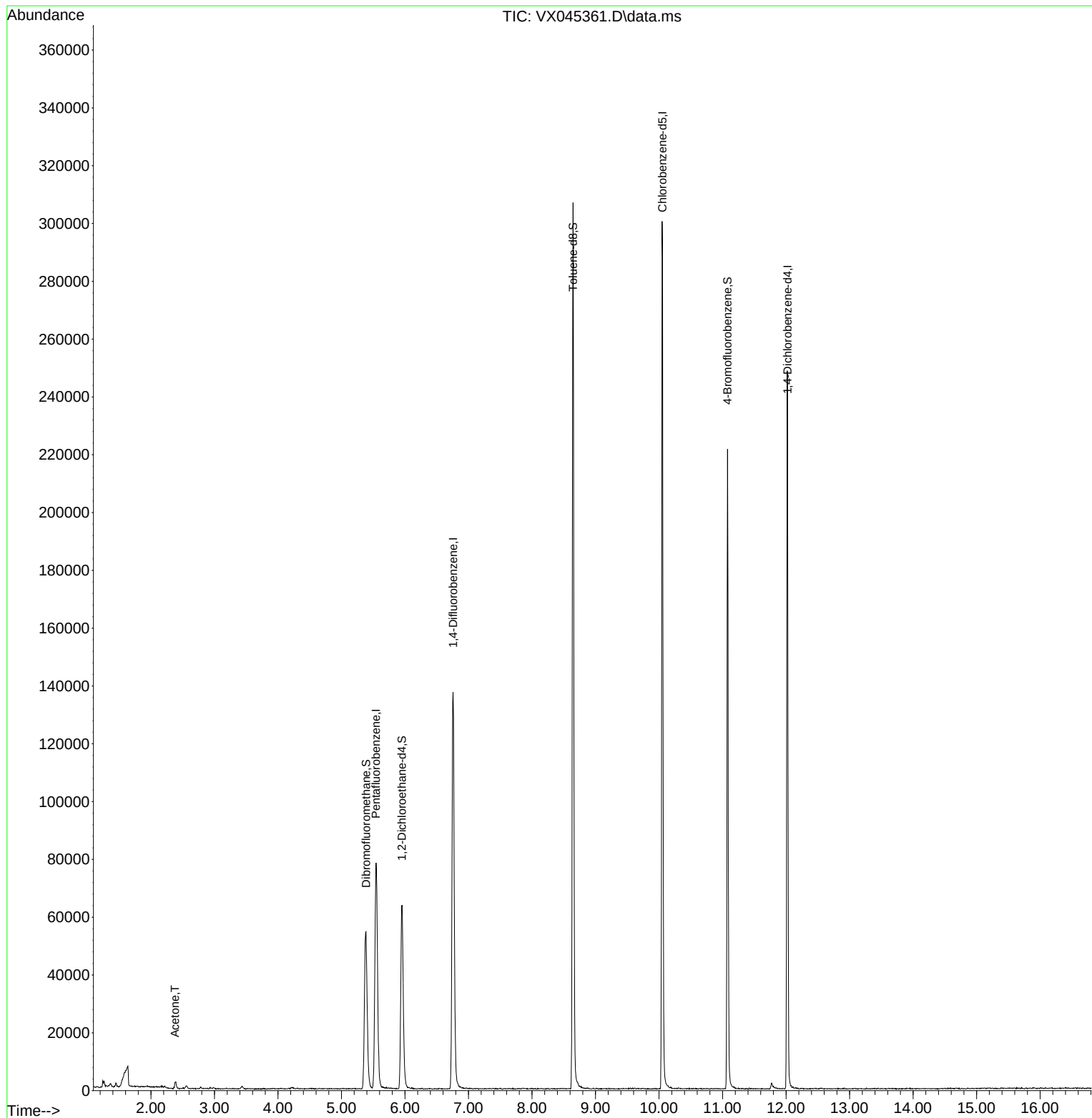
Internal Standards						
1) Pentafluorobenzene	5.543	168	71202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63283	55.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.760%
35) Dibromofluoromethane	5.385	113	47926	51.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	8.646	98	173113	51.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.340%
62) 4-Bromofluorobenzene	11.079	95	57728	51.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%
Target Compounds						
16) Acetone	2.379	43	2813	5.353	ug/l	Qvalue 97

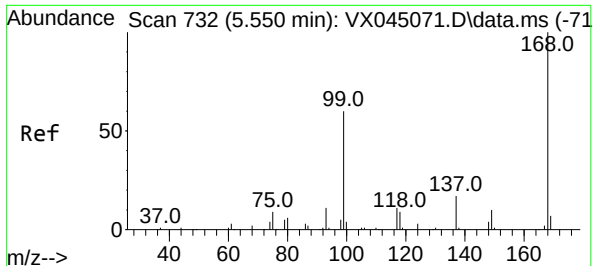
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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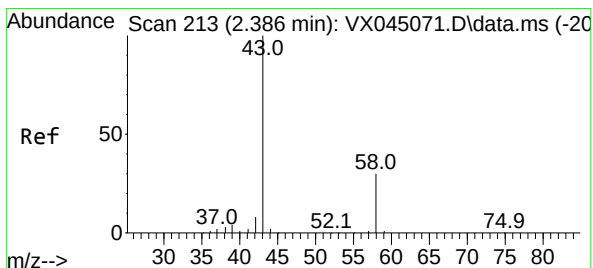
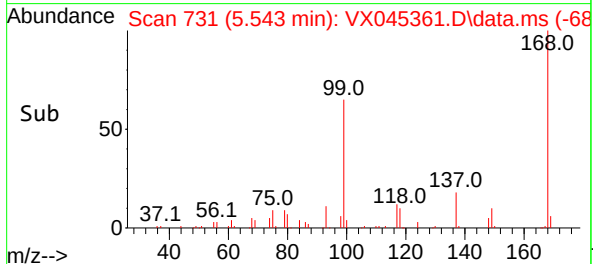
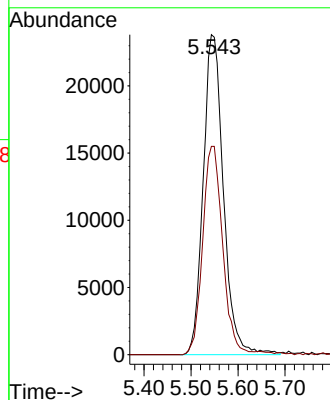
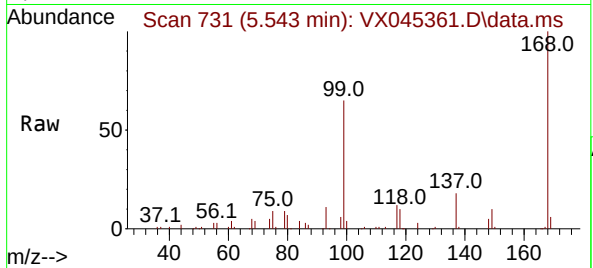




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

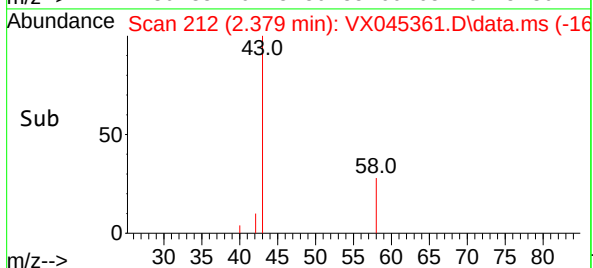
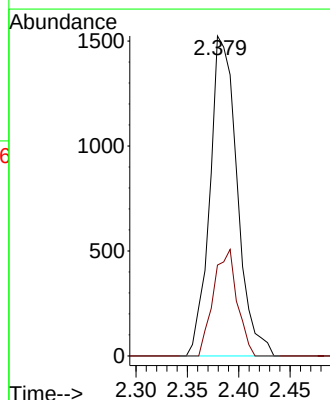
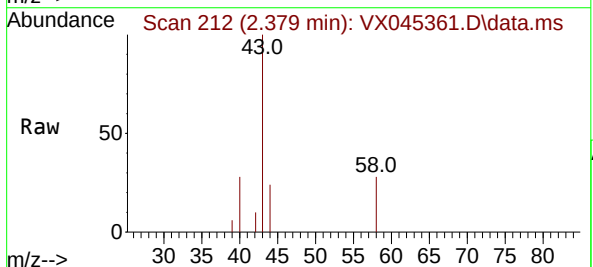
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

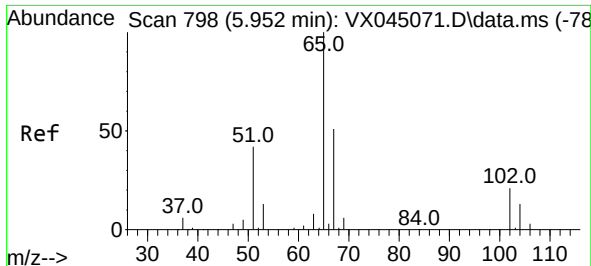
Tgt Ion:168 Resp: 71202
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#16
Acetone
Concen: 5.353 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 43 Resp: 2813
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 55.875 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045361.D

Acq: 20 Mar 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

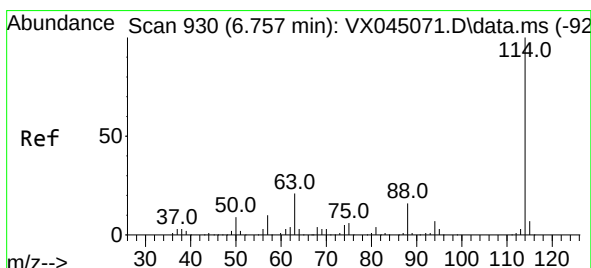
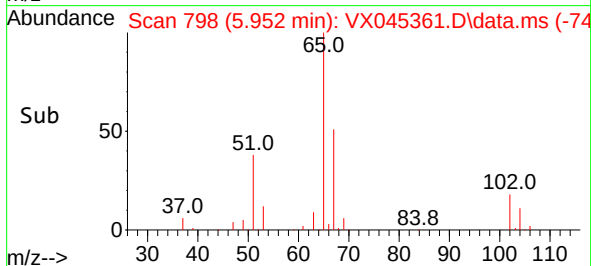
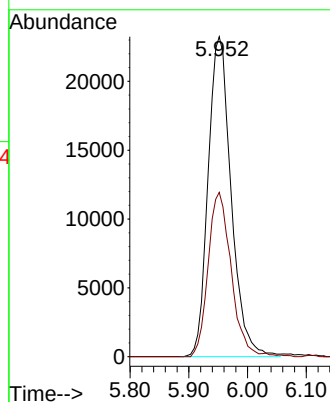
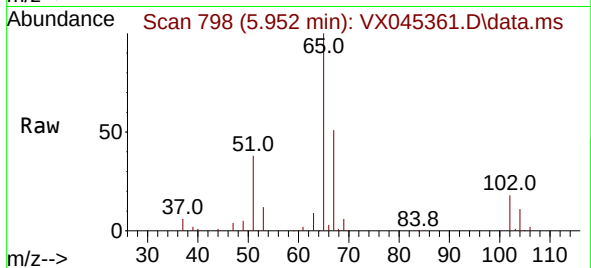
FB02-20250313

Tgt Ion: 65 Resp: 63283

Ion Ratio Lower Upper

65 100

67 51.5 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: VX045361.D

Acq: 20 Mar 2025 15:13

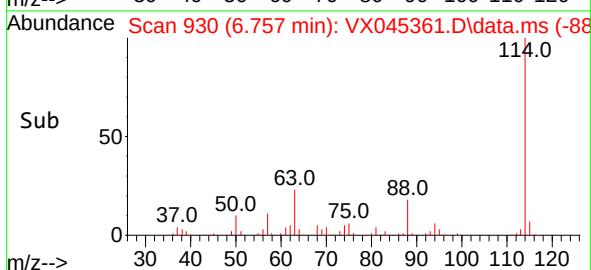
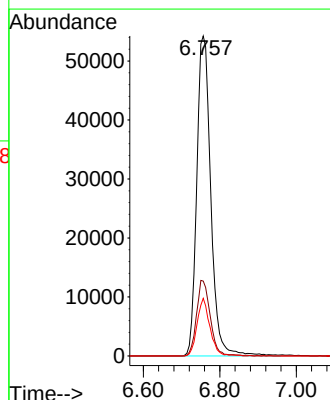
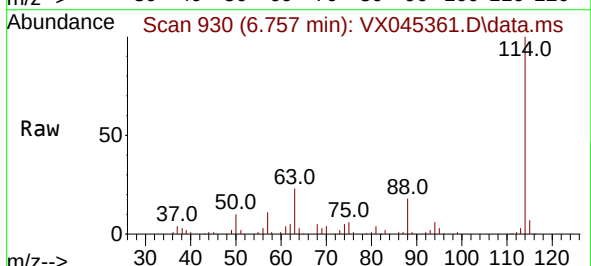
Tgt Ion: 114 Resp: 138215

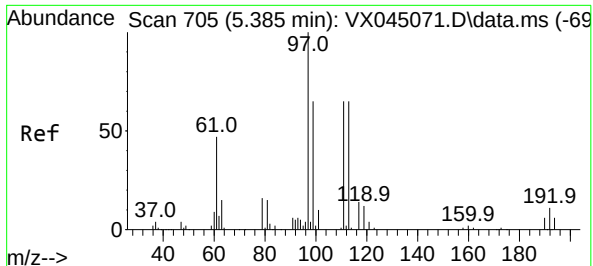
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

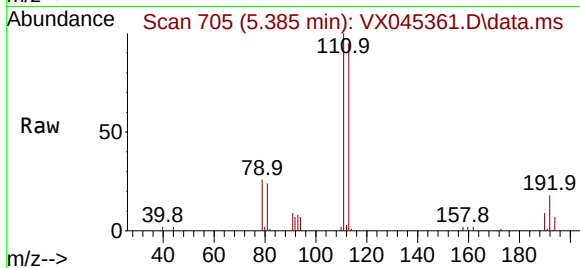
88 18.0 0.0 32.8



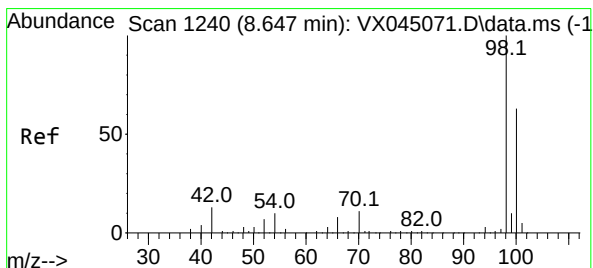
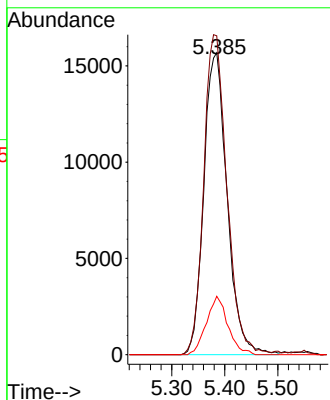
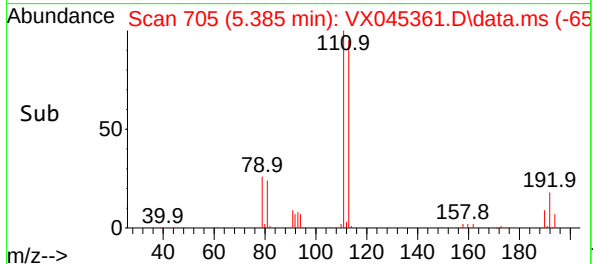


#35
Dibromofluoromethane
Concen: 51.856 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

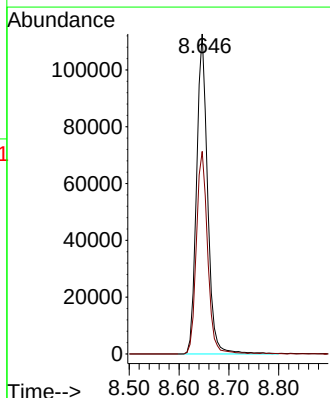
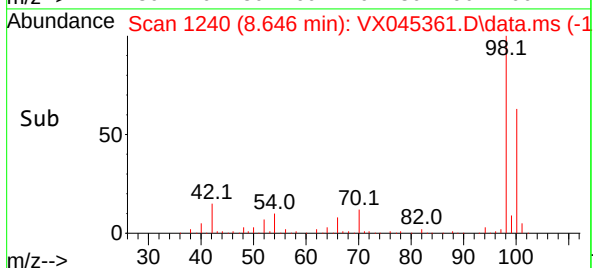
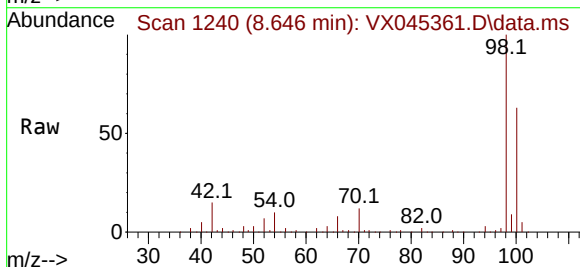


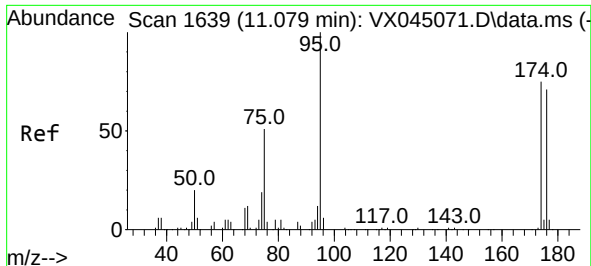
Tgt Ion:113 Resp: 47926
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.6
192 17.8 14.3 21.5



#50
Toluene-d8
Concen: 51.667 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 98 Resp: 173113
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

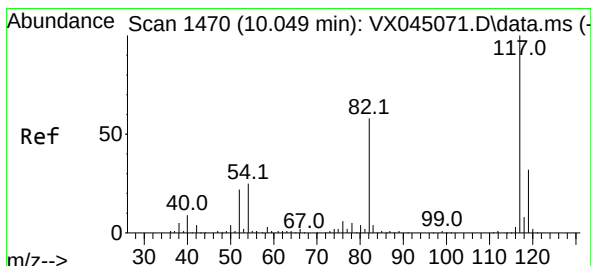
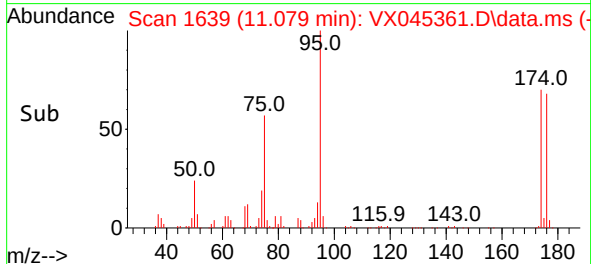
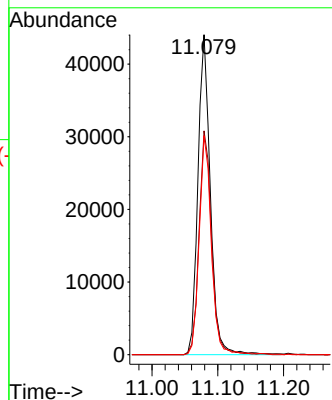
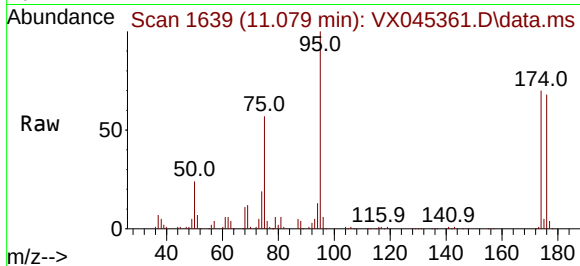




#62
4-Bromofluorobenzene
Concen: 51.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

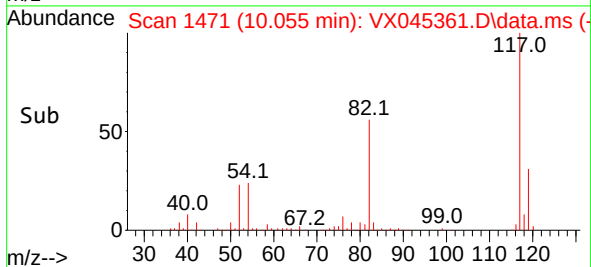
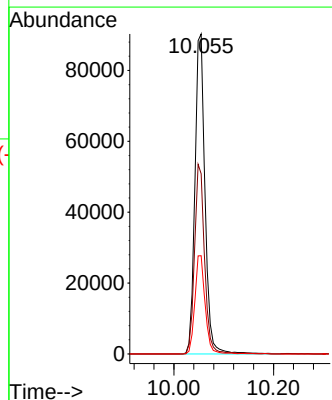
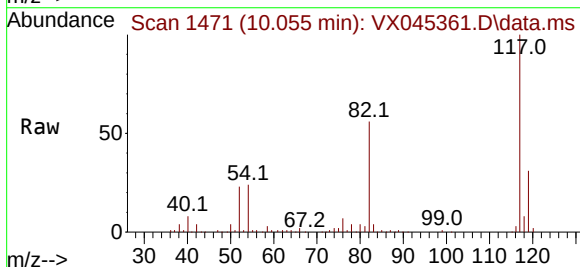
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

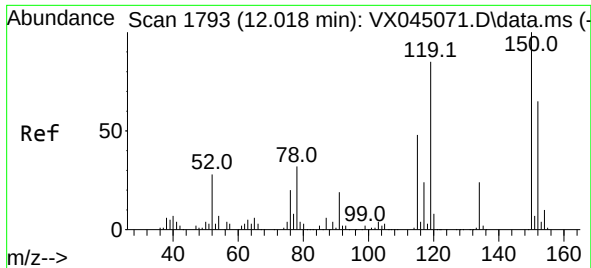
Tgt Ion: 95 Resp: 57728
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 67.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

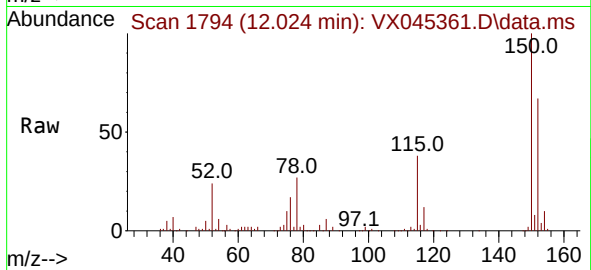
Tgt Ion: 117 Resp: 126962
Ion Ratio Lower Upper
117 100
82 56.3 46.3 69.5
119 30.7 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313



Tgt Ion:	152	Resp:	49435
Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.2	132.6
150	153.0	0.0	349.0

