

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046752.D
 Acq On : 18 Jun 2025 18:37
 Operator : JC/MD
 Sample : Q2344-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 19 01:28:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

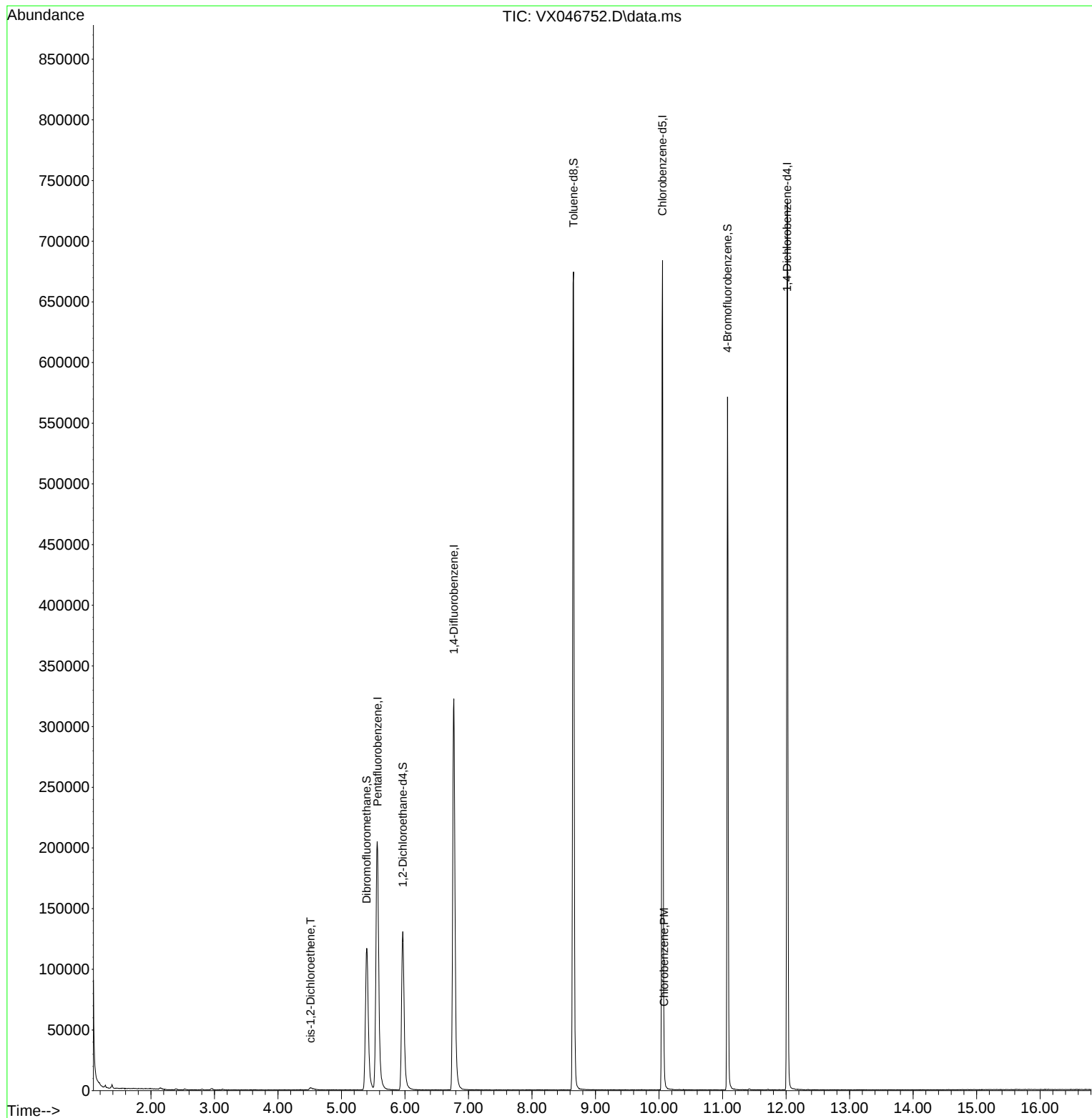
Internal Standards						
1) Pentafluorobenzene	5.568	168	213961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137712	46.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.060%
35) Dibromofluoromethane	5.397	113	114074	48.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.653	98	413878	49.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	150781	47.901	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.800%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.513	96	1468	0.494	ug/l	82
65) Chlorobenzene	10.079	112	3095	0.457	ug/l #	86

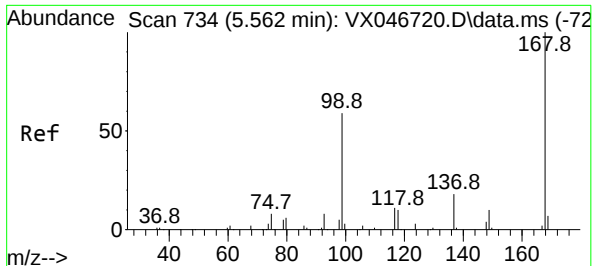
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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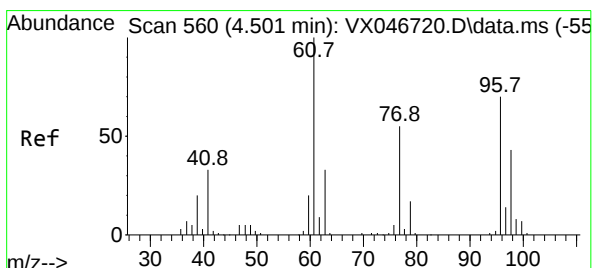
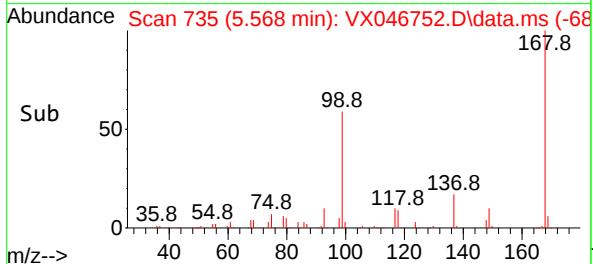
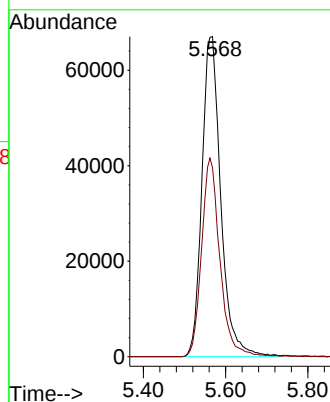
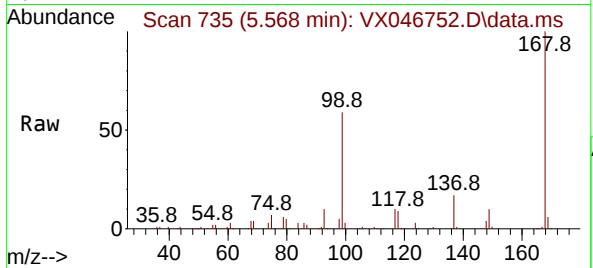




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

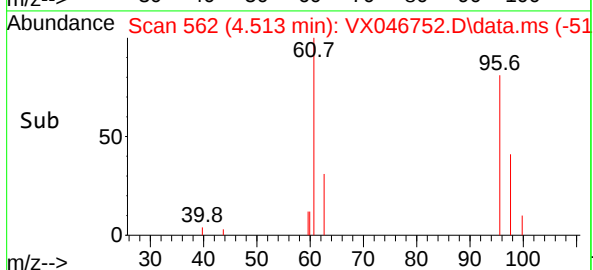
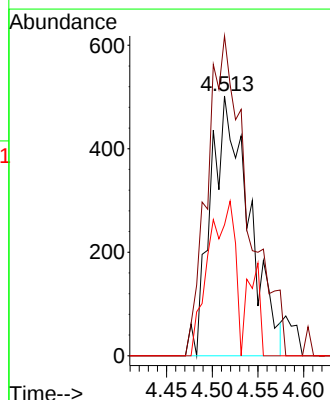
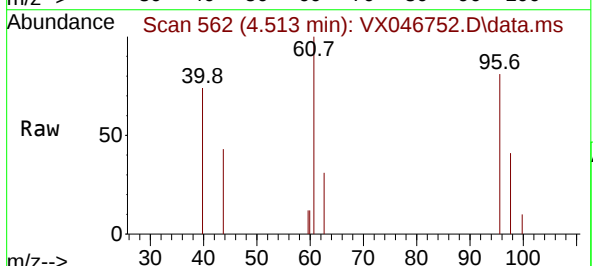
Instrument :
MSVOA_X
ClientSampleId :
MW-2

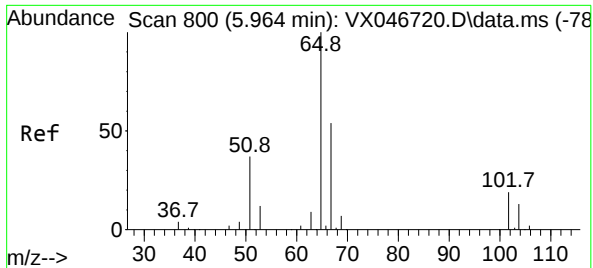
Tgt Ion:168 Resp: 213961
Ion Ratio Lower Upper
168 100
99 59.0 48.5 72.7



#27
cis-1,2-Dichloroethene
Concen: 0.494 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.012 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

Tgt Ion: 96 Resp: 1468
Ion Ratio Lower Upper
96 100
61 128.5 0.0 291.0
98 40.8 0.0 126.8

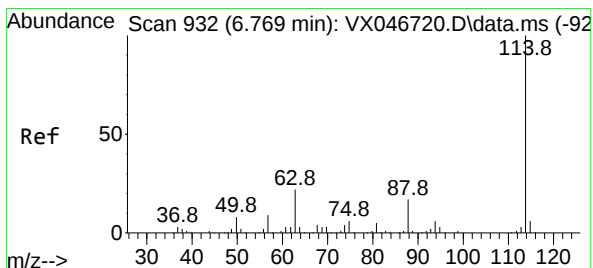
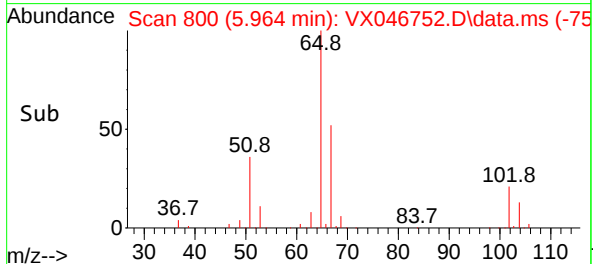
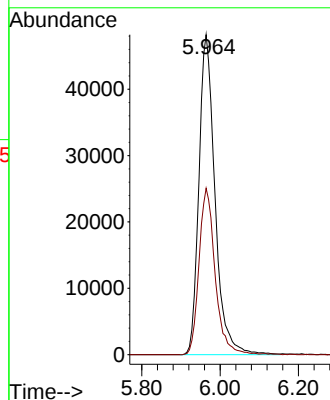
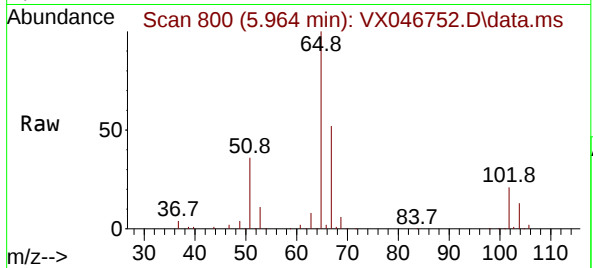




#33
 1,2-Dichloroethane-d4
 Concen: 46.533 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046752.D
 Acq: 18 Jun 2025 18:37

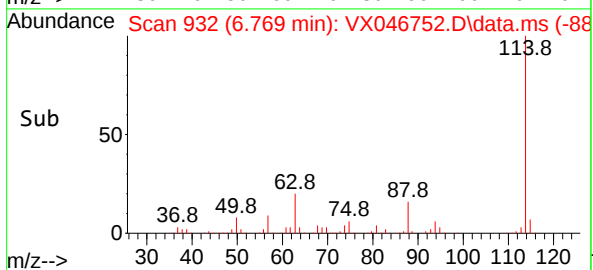
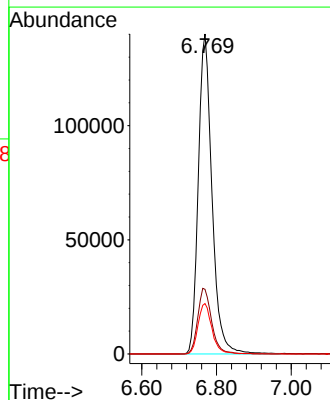
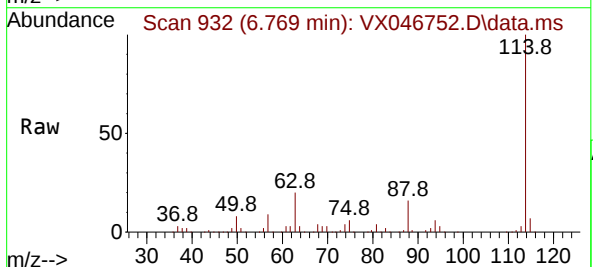
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

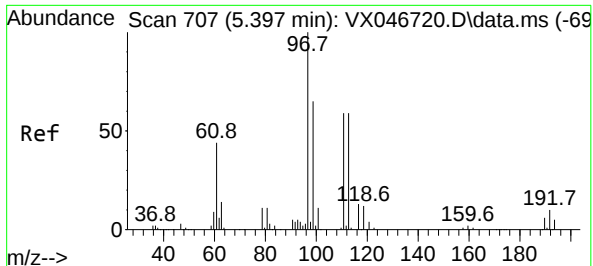
Tgt Ion: 65 Resp: 137712
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX046752.D
 Acq: 18 Jun 2025 18:37

Tgt Ion: 114 Resp: 355243
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.534 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046752.D

Acq: 18 Jun 2025 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-2

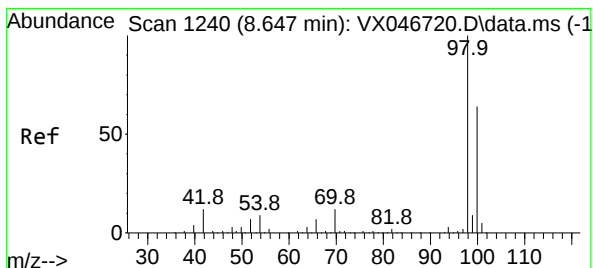
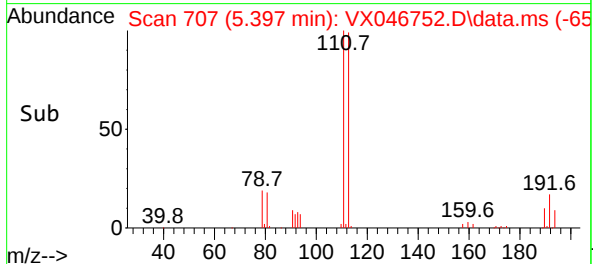
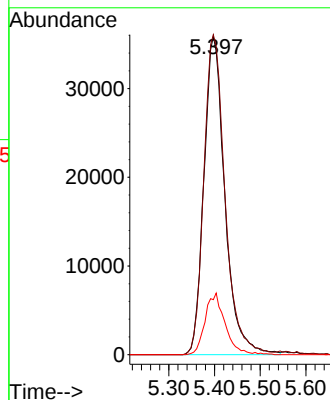
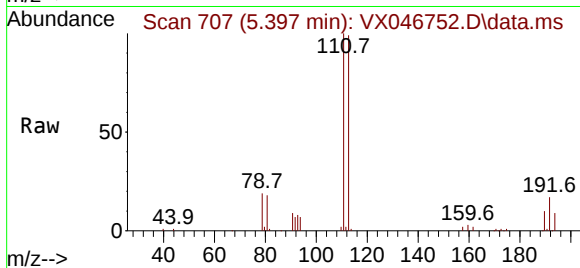
Tgt Ion:113 Resp: 114074

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 18.3 15.3 22.9



#50

Toluene-d8

Concen: 49.012 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046752.D

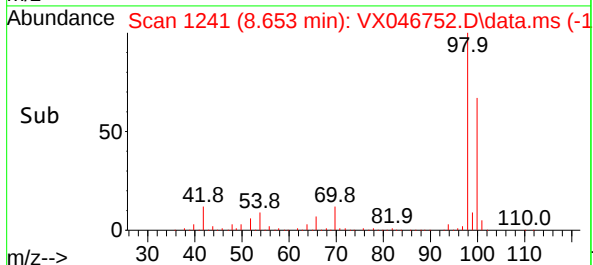
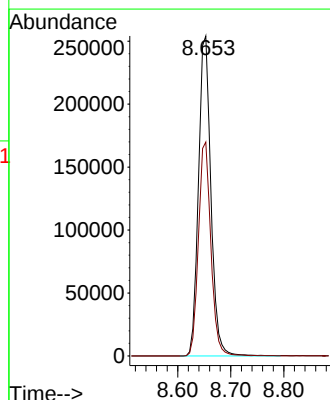
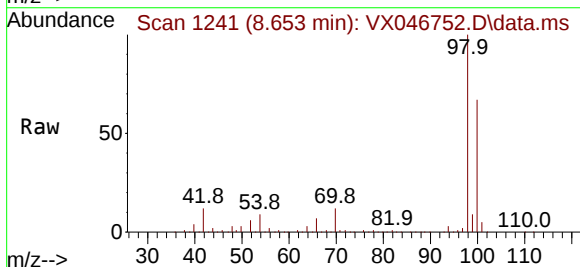
Acq: 18 Jun 2025 18:37

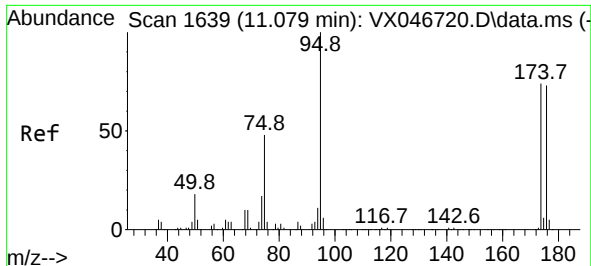
Tgt Ion: 98 Resp: 413878

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.4

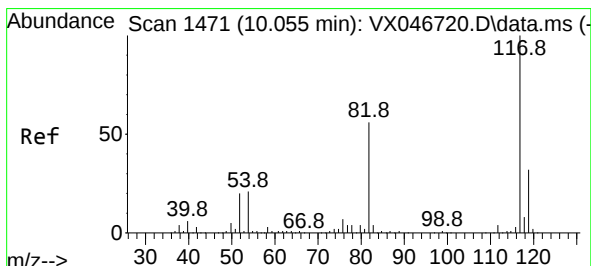
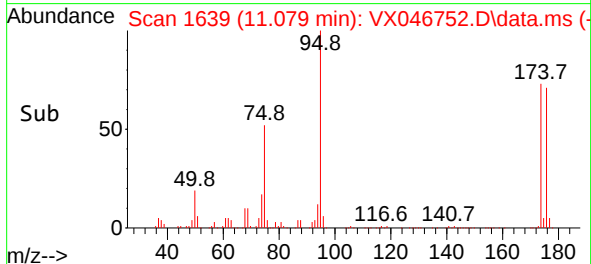
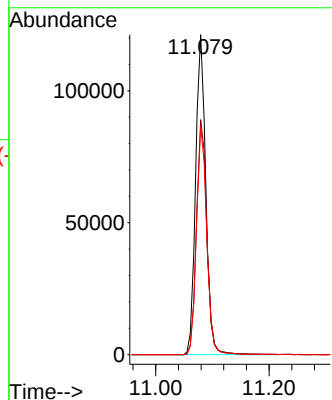
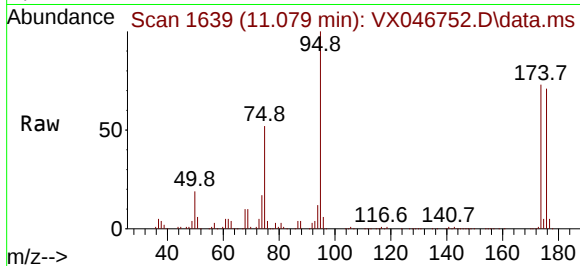




#62
4-Bromofluorobenzene
Concen: 47.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

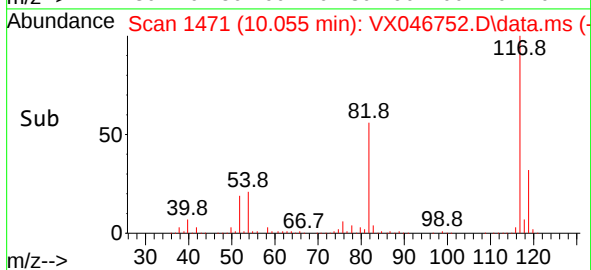
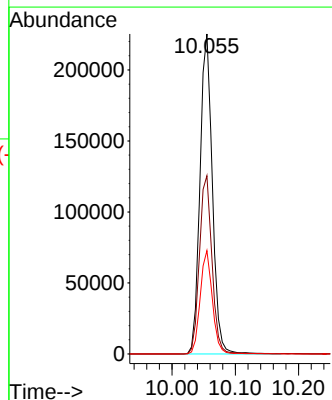
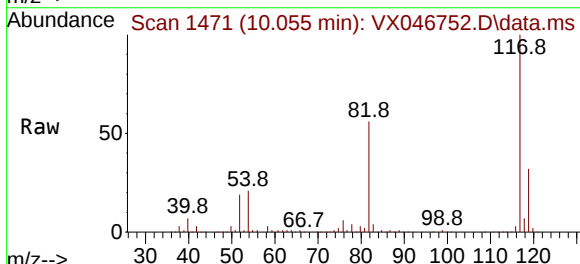
Instrument :
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ClientSampleId :
MW-2

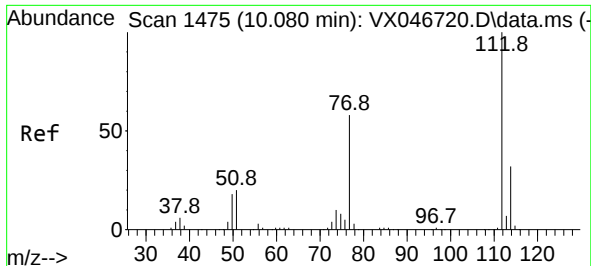
Tgt Ion: 95 Resp: 150781
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 72.0 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

Tgt Ion: 117 Resp: 307080
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.3 25.8 38.8

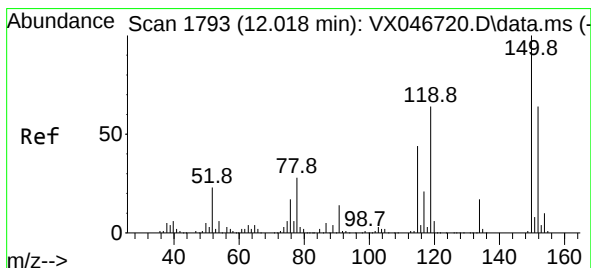
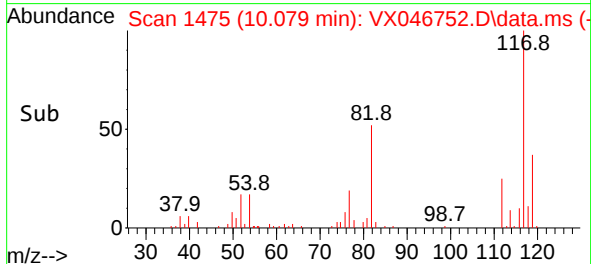
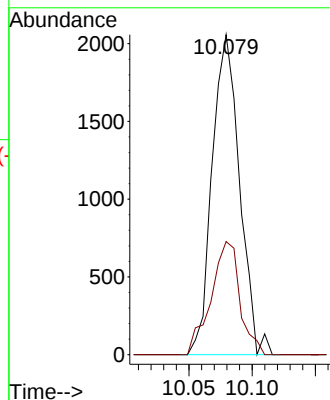
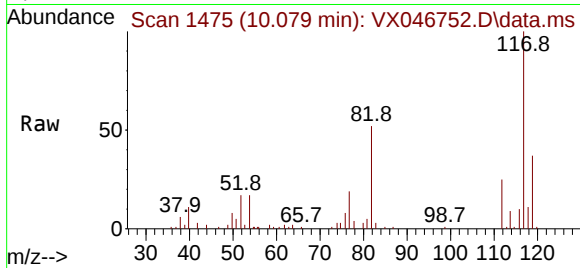




#65
Chlorobenzene
Concen: 0.457 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 3095
Ion Ratio Lower Upper
112 100
114 39.6 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046752.D
Acq: 18 Jun 2025 18:37

Tgt Ion:152 Resp: 148475
Ion Ratio Lower Upper
152 100
115 61.1 43.2 129.6
150 157.2 0.0 346.8

