

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048114.D
 Acq On : 10 Oct 2025 15:54
 Operator : JC/MD
 Sample : Q3311-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DDL

Quant Time: Oct 10 23:50:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

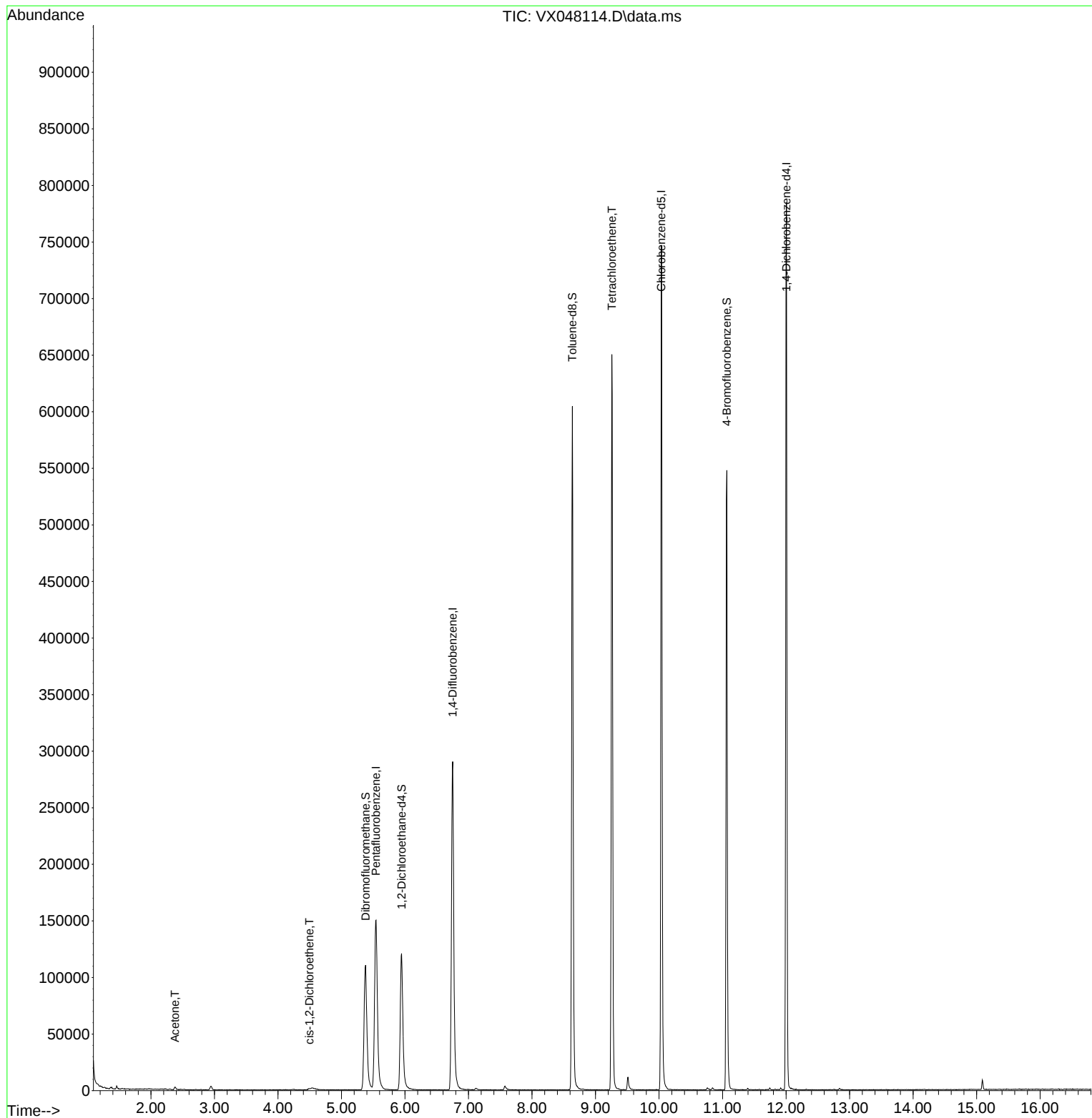
Internal Standards						
1) Pentafluorobenzene	5.544	168	149568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	313800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	328751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	162002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	132265	55.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.120%
35) Dibromofluoromethane	5.379	113	106263	50.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	8.635	98	364070	49.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.067	95	156454	56.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.220%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	3223	3.114	ug/l	# 82
27) cis-1,2-Dichloroethene	4.495	96	899	0.384	ug/l	52
64) Tetrachloroethene	9.256	164	122491	57.156	ug/l	99

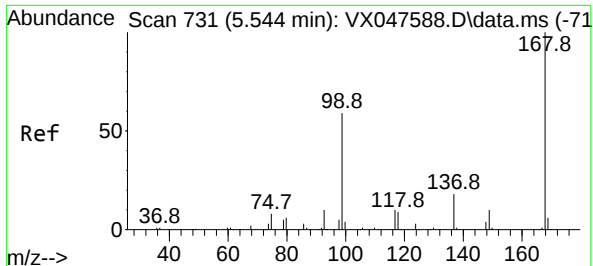
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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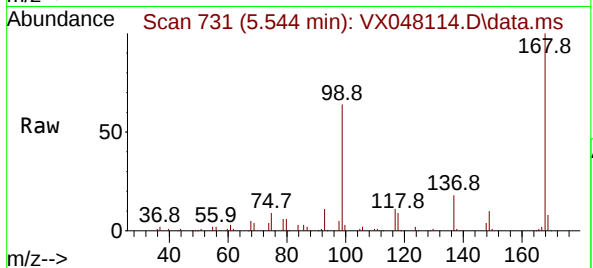
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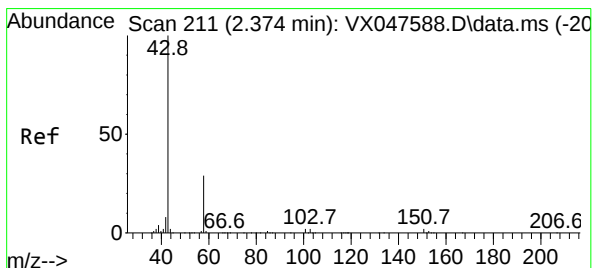
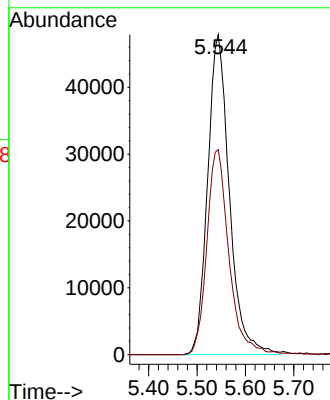
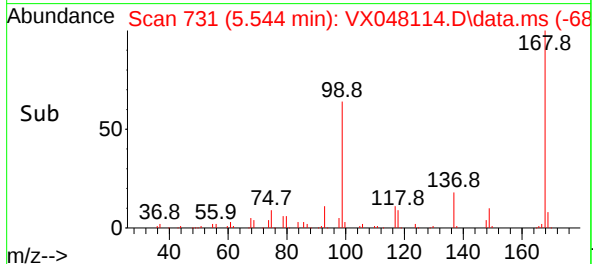


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

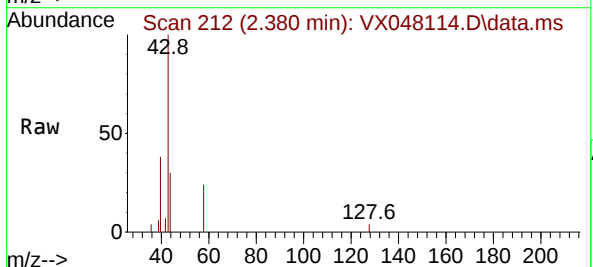
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL



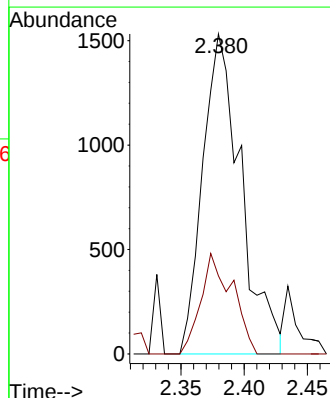
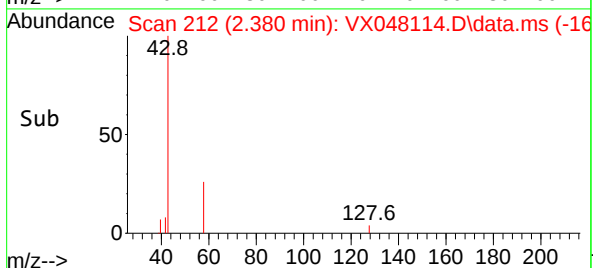
Tgt Ion:168 Resp: 149568
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2

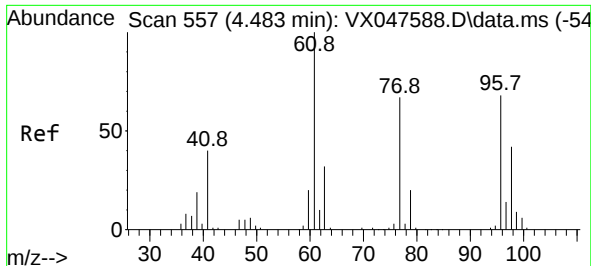


#16
Acetone
Concen: 3.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54



Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 19.8 23.4 35.0#





#27

cis-1,2-Dichloroethene

Concen: 0.384 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX048114.D

Acq: 10 Oct 2025 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW-1DDL

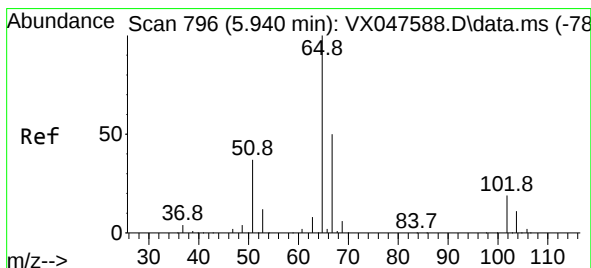
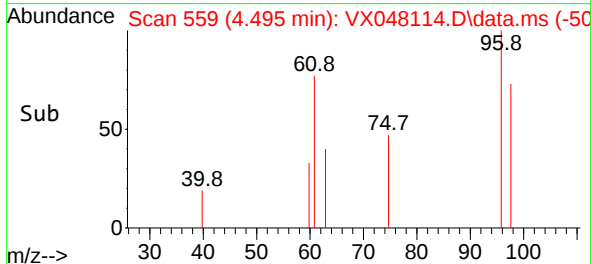
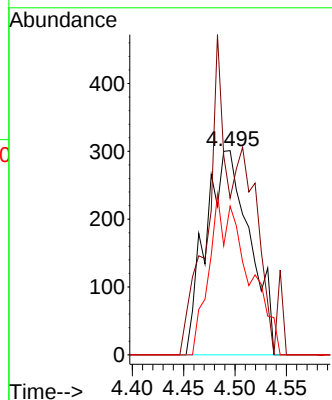
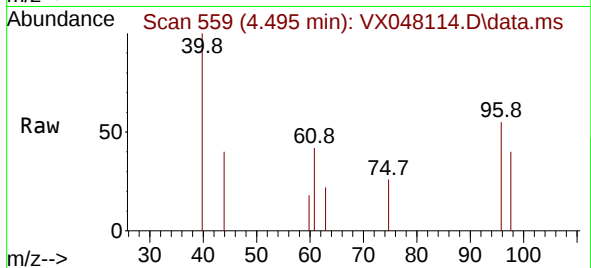
Tgt Ion: 96 Resp: 899

Ion Ratio Lower Upper

96 100

61 68.0 0.0 303.2

98 68.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 55.556 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048114.D

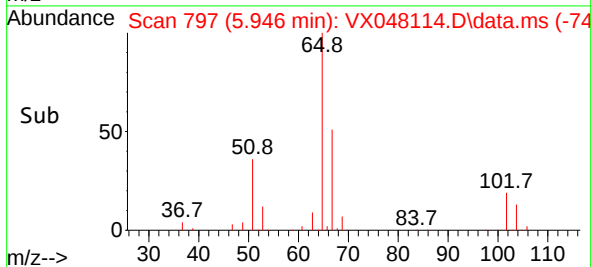
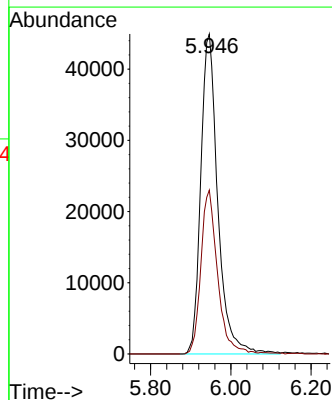
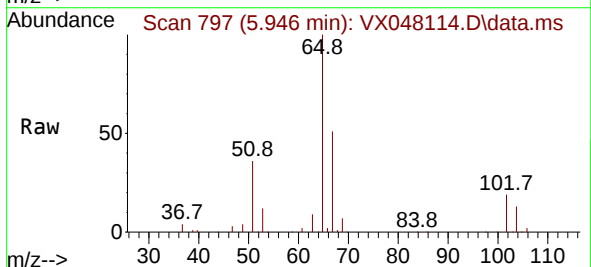
Acq: 10 Oct 2025 15:54

Tgt Ion: 65 Resp: 132265

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0

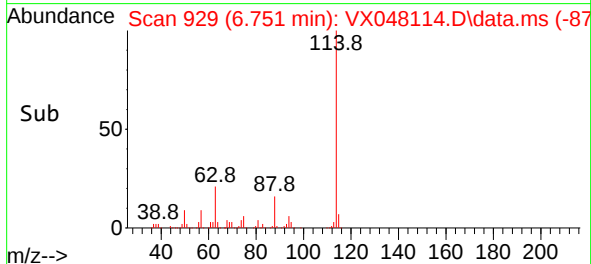
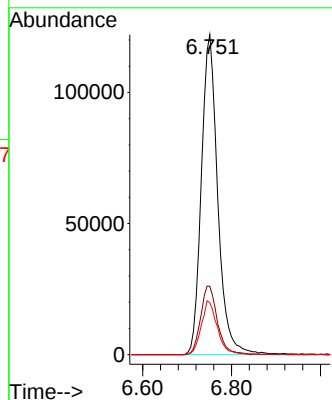
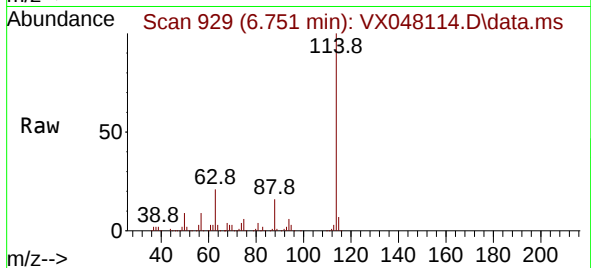




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

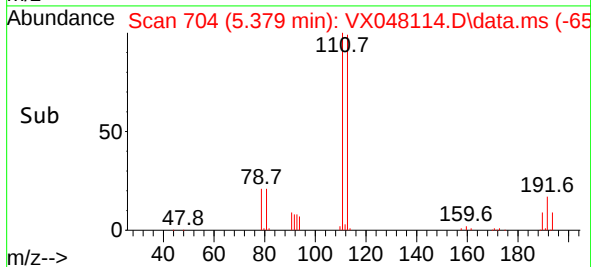
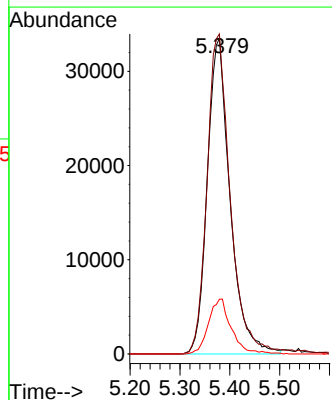
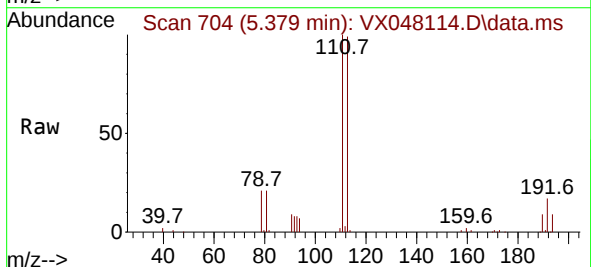
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion:114 Resp: 313800
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion:113 Resp: 106263
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 17.4 14.2 21.4

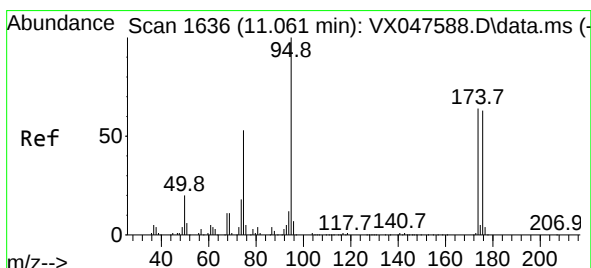
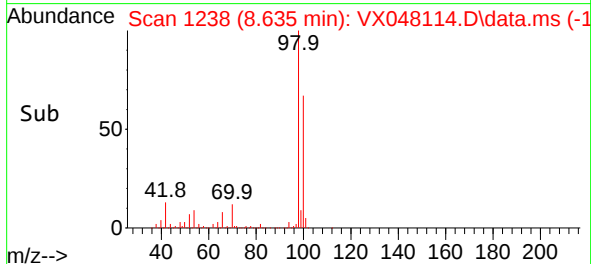
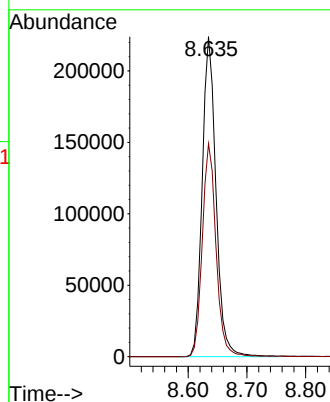
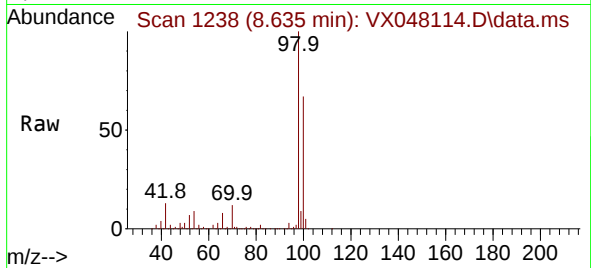




#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

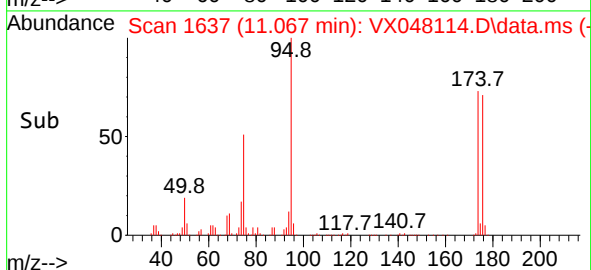
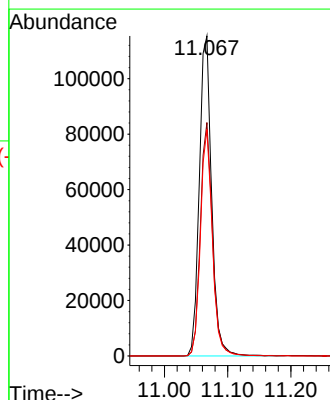
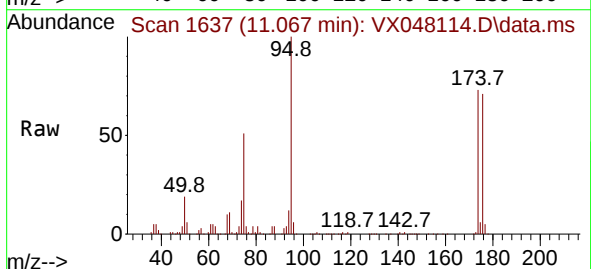
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

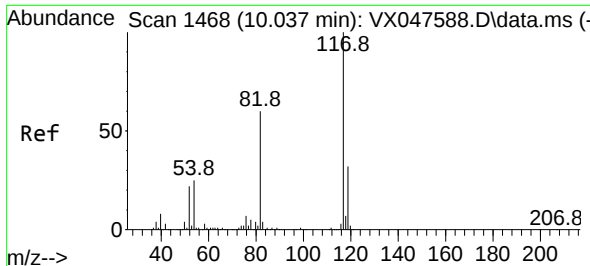
Tgt Ion: 98 Resp: 364070
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.611 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion: 95 Resp: 156454
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.7 0.0 138.4

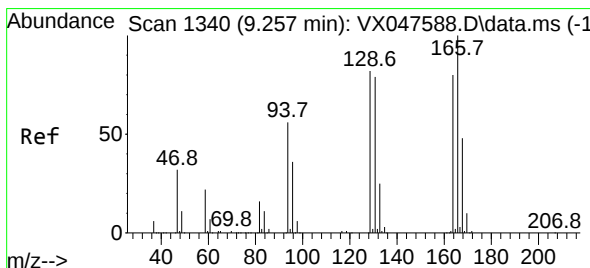
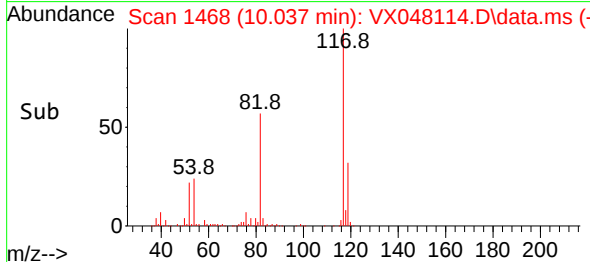
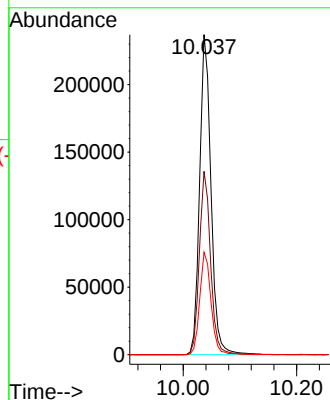
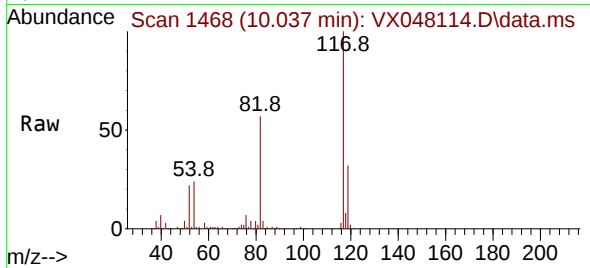




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

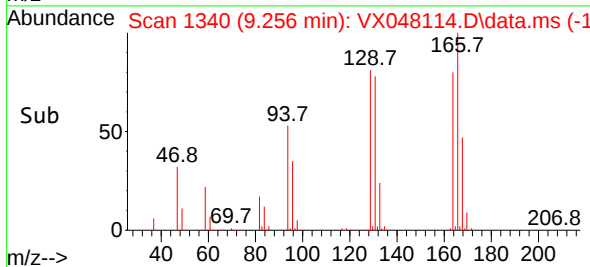
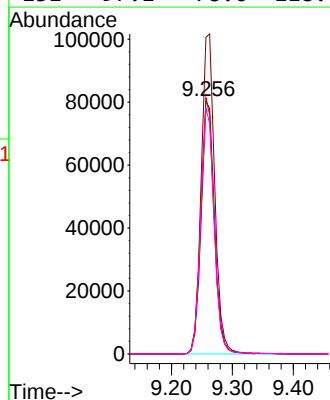
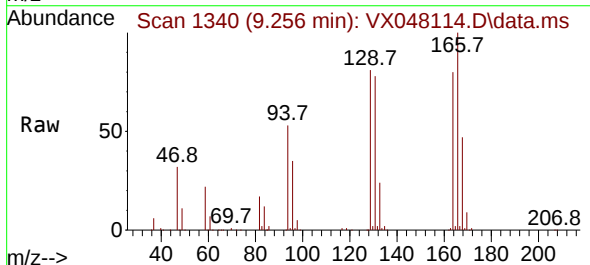
Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

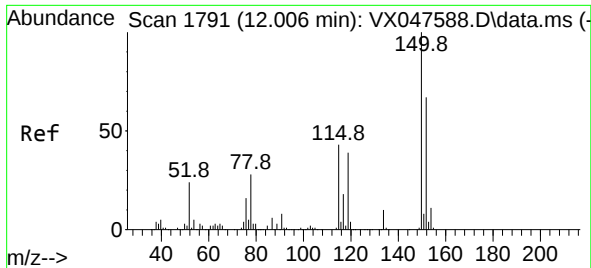
Tgt Ion:117 Resp: 328751
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 57.156 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

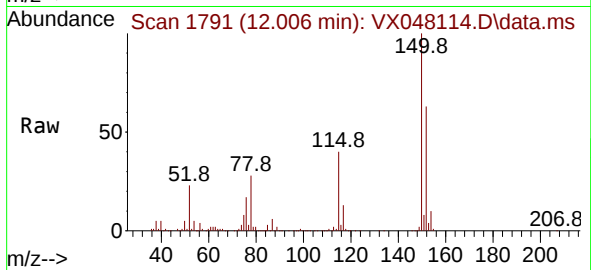
Tgt Ion:164 Resp: 122491
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 101.2 81.8 122.6
131 97.1 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048114.D
 Acq: 10 Oct 2025 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DDL



Tgt Ion:152 Resp: 162002
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.9 134.5
 150 156.8 0.0 352.0

