

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047641.D
 Acq On : 18 Sep 2025 15:22
 Operator : JC/MD
 Sample : Q3095-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20250909

Quant Time: Sep 19 01:32:25 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)

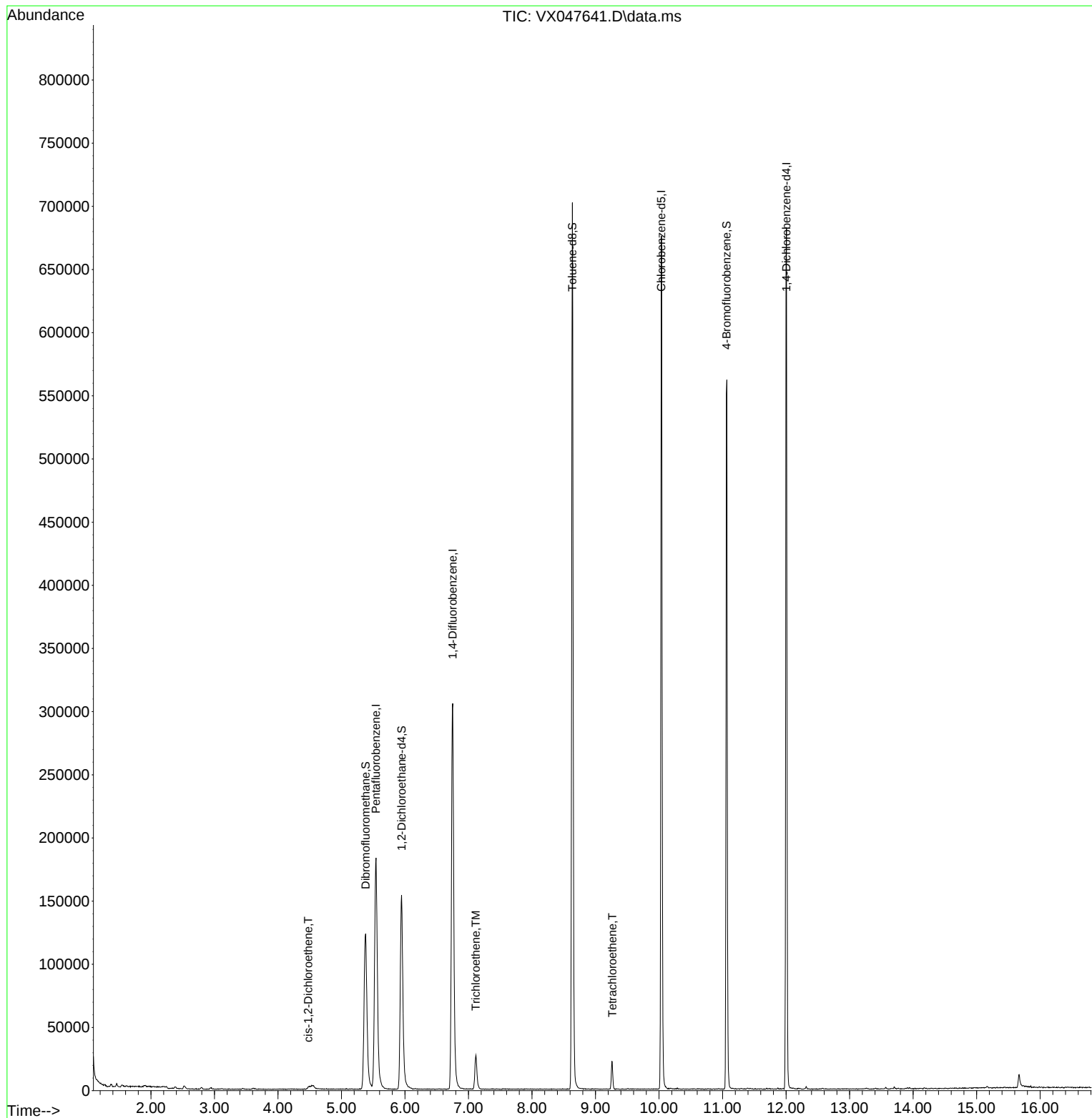
Internal Standards						
1) Pentafluorobenzene	5.544	168	185198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	333961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	301489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	162054	54.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.940%	
35) Dibromofluoromethane	5.379	113	122491	54.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.380%	
50) Toluene-d8	8.634	98	423743	54.677	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	11.061	95	163779	55.684	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.360%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.477	96	1620	0.558	ug/l	90
44) Trichloroethene	7.116	130	11063	4.603	ug/l	94
64) Tetrachloroethene	9.262	164	4258	2.166	ug/l	94

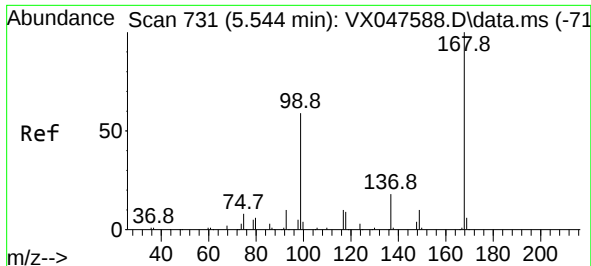
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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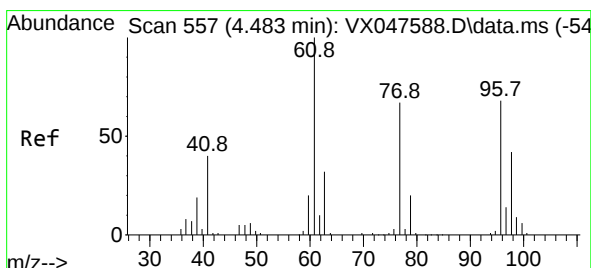
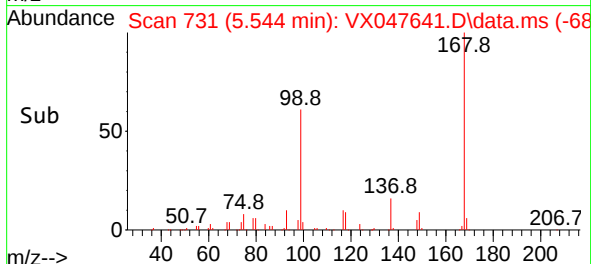
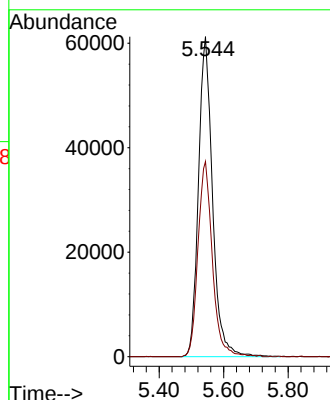
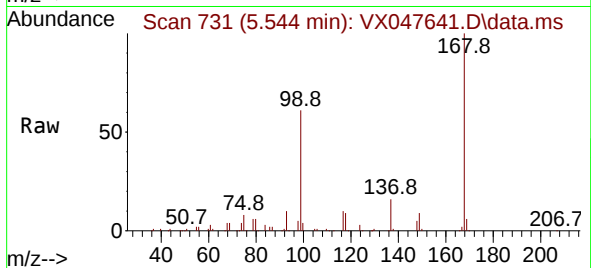




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

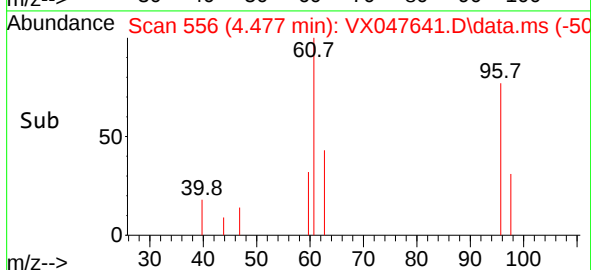
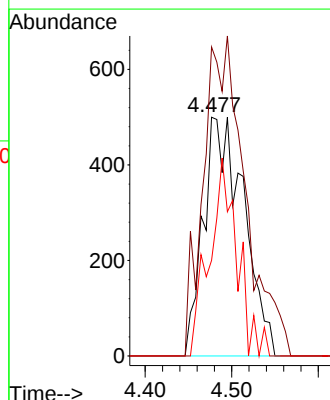
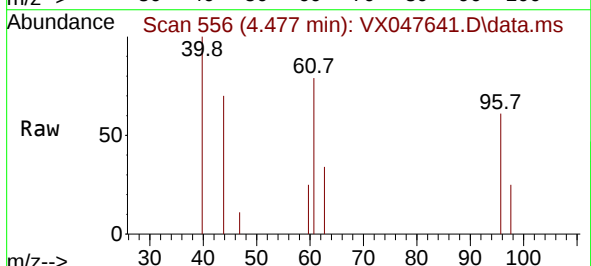
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20250909

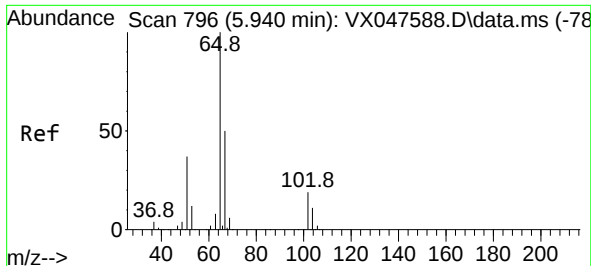
Tgt Ion:168 Resp: 185198
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 0.558 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 138.6 0.0 303.2
98 56.9 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 54.973 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047641.D

Acq: 18 Sep 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

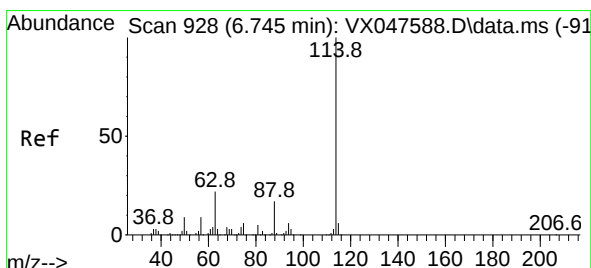
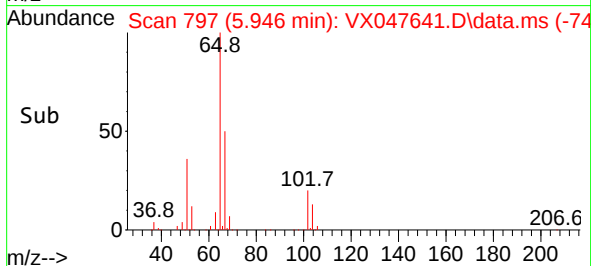
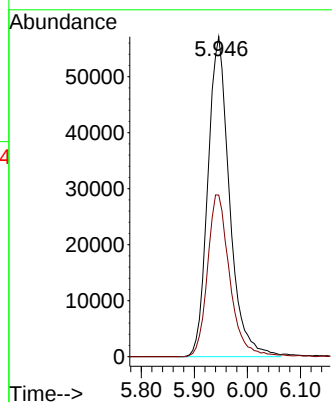
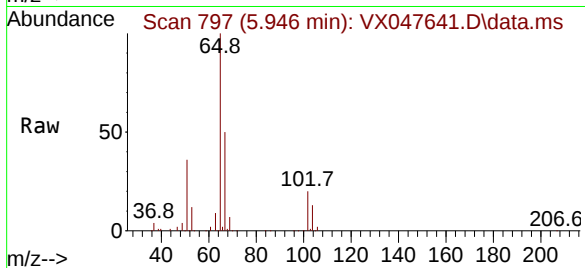
MW202D-20250909

Tgt Ion: 65 Resp: 162054

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047641.D

Acq: 18 Sep 2025 15:22

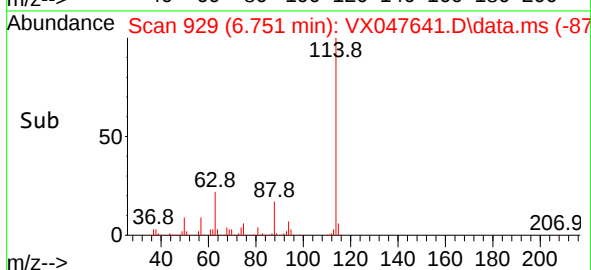
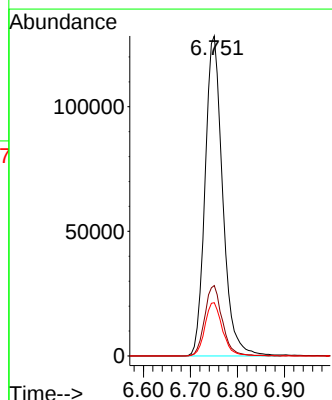
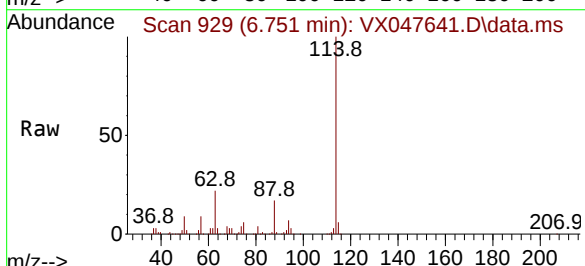
Tgt Ion: 114 Resp: 333961

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.7 0.0 34.2

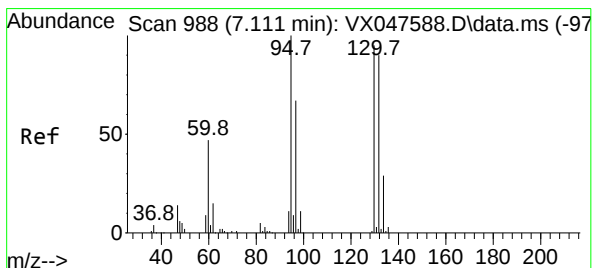
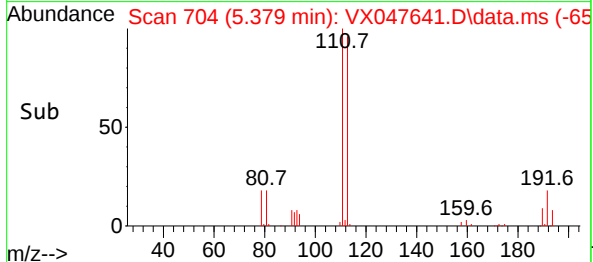
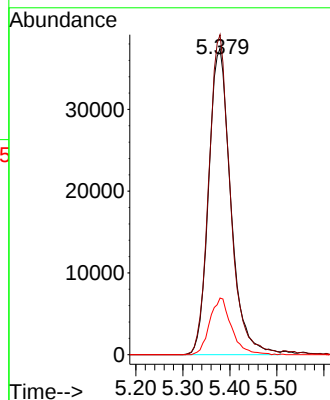
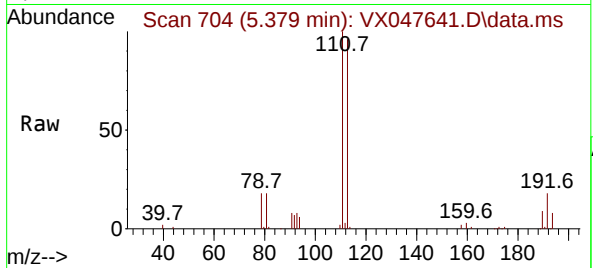




#35
Dibromofluoromethane
Concen: 54.690 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

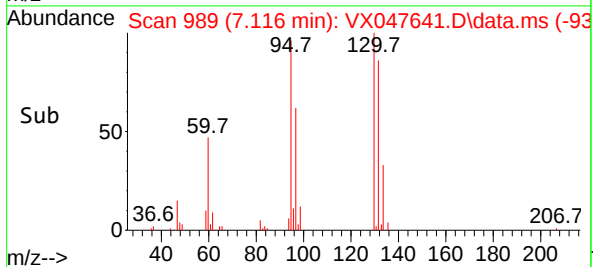
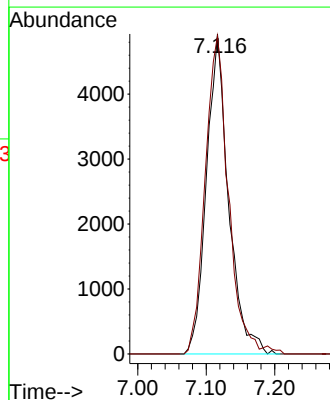
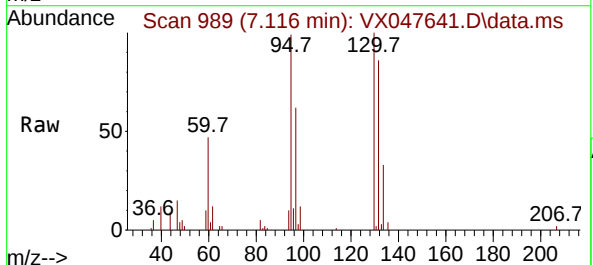
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20250909

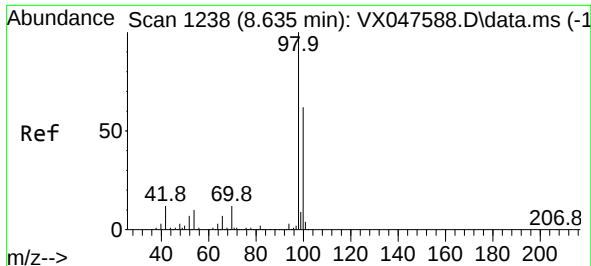
Tgt Ion:113 Resp: 122491
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 18.2 14.2 21.4



#44
Trichloroethene
Concen: 4.603 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

Tgt Ion:130 Resp: 11063
Ion Ratio Lower Upper
130 100
95 99.4 0.0 210.8

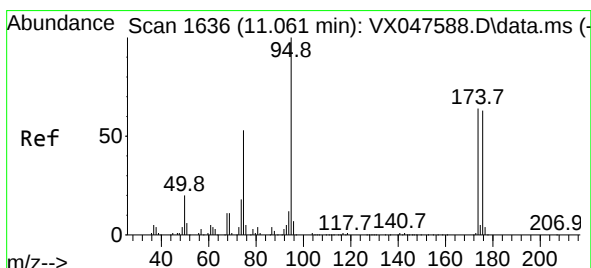
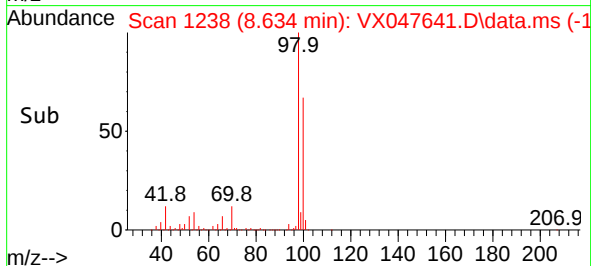
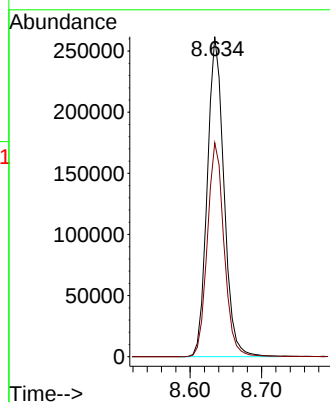
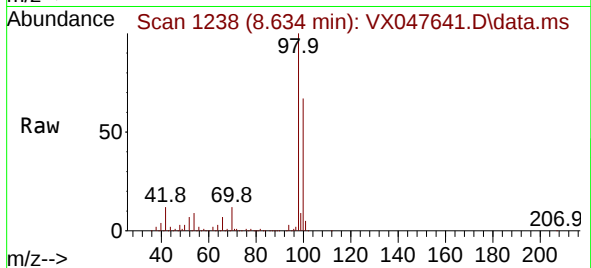




#50
Toluene-d8
Concen: 54.677 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

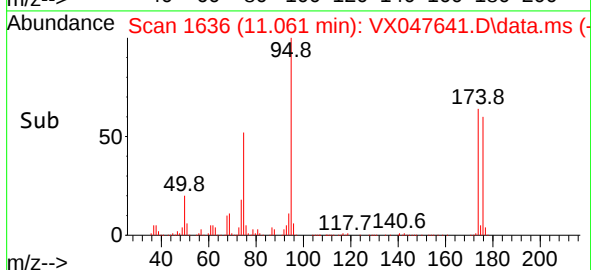
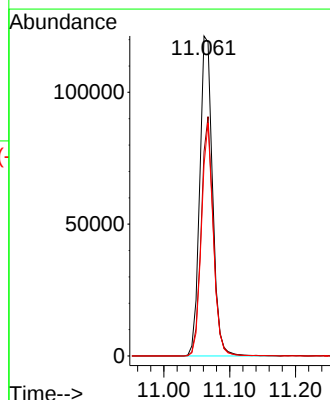
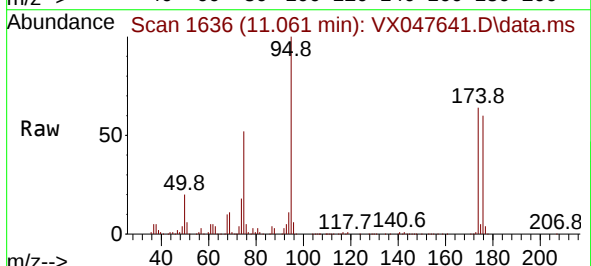
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20250909

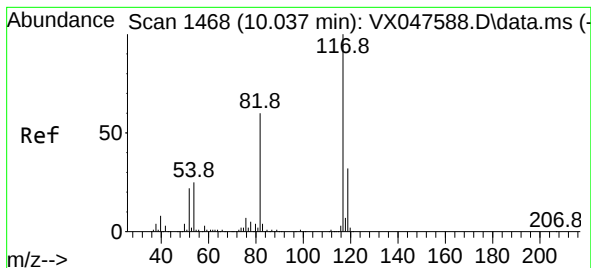
Tgt Ion: 98 Resp: 423743
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.684 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047641.D
Acq: 18 Sep 2025 15:22

Tgt Ion: 95 Resp: 163779
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 67.7 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: VX047641.D

Acq: 18 Sep 2025 15:22

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20250909

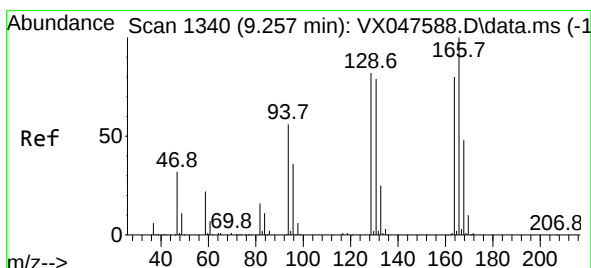
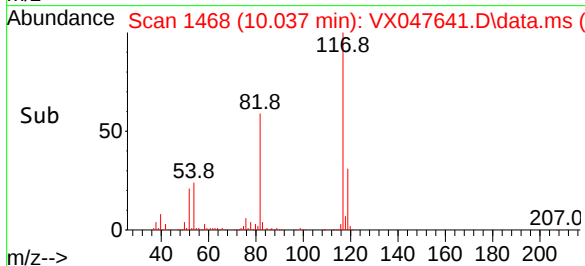
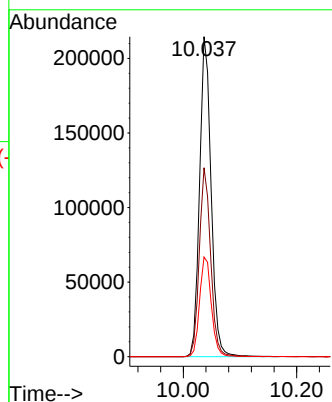
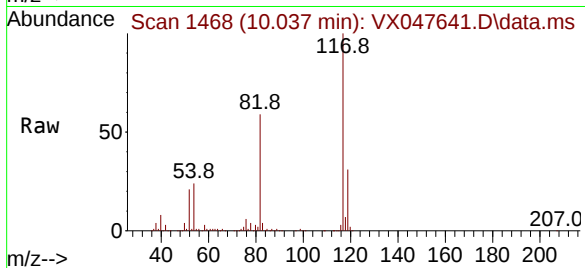
Tgt Ion:117 Resp: 301489

Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.6

119 31.2 25.2 37.8



#64

Tetrachloroethene

Concen: 2.166 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047641.D

Acq: 18 Sep 2025 15:22

Tgt Ion:164 Resp: 4258

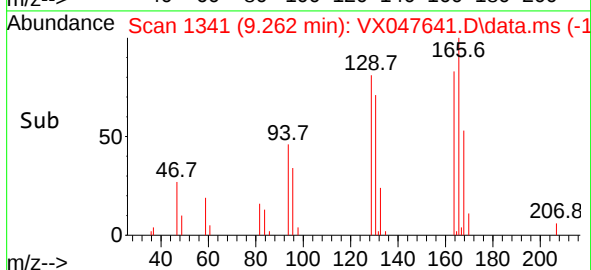
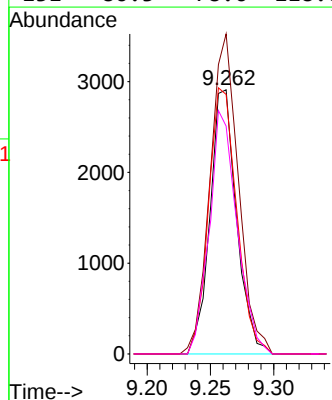
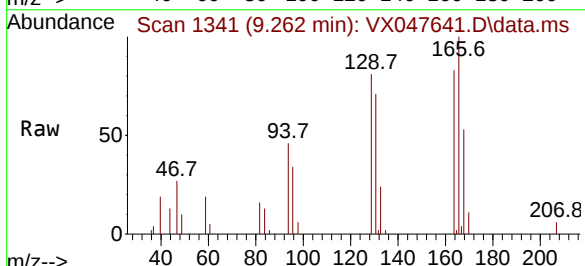
Ion Ratio Lower Upper

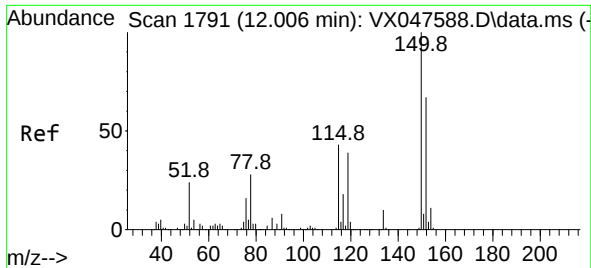
164 100

166 121.1 100.2 150.2

129 98.2 81.8 122.6

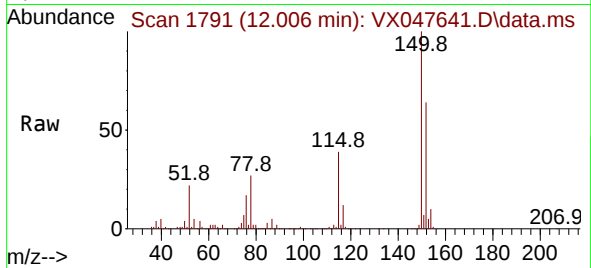
131 86.3 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047641.D
 Acq: 18 Sep 2025 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20250909



Tgt Ion:152 Resp: 144225
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.9 134.5
 150 158.5 0.0 352.0

