

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047775.D
 Acq On : 24 Sep 2025 15:02
 Operator : JC/MD
 Sample : Q3097-19DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250912DL

Quant Time: Sep 25 01:16:13 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)

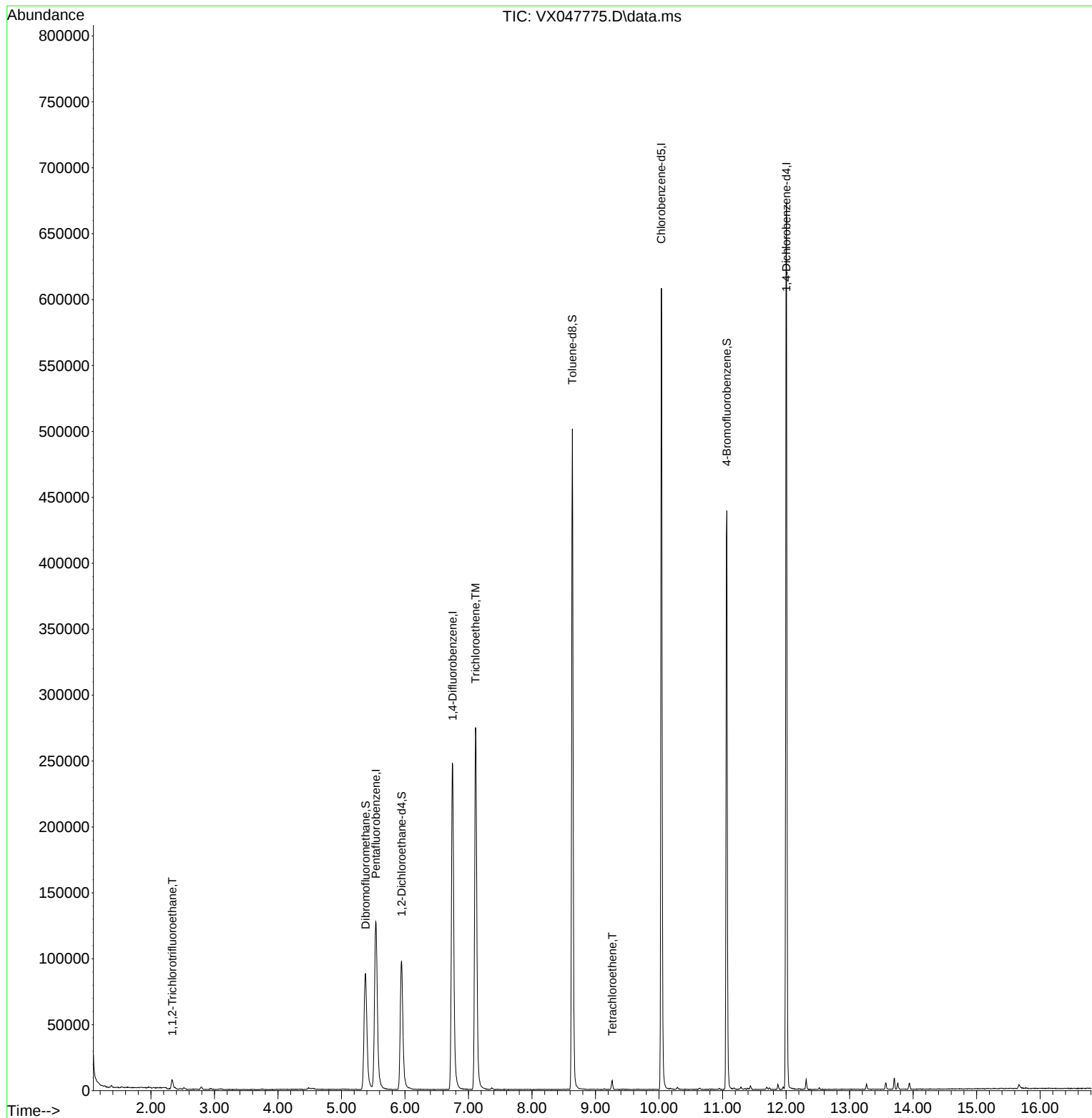
Internal Standards						
1) Pentafluorobenzene	5.544	168	131595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	275490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106994	51.079	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.160%	
35) Dibromofluoromethane	5.379	113	88232	47.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.520%	
50) Toluene-d8	8.635	98	311658	48.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	11.067	95	130752	53.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.780%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2445	1.606	ug/l	98
44) Trichloroethene	7.111	130	117943	59.494	ug/l	99
64) Tetrachloroethene	9.263	164	1176	0.647	ug/l	88

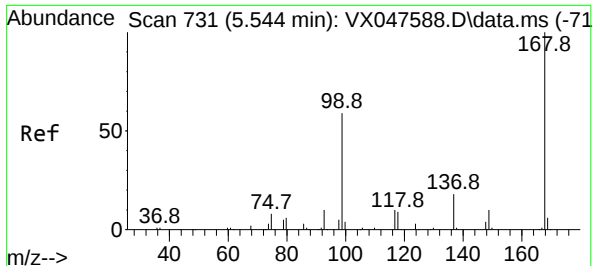
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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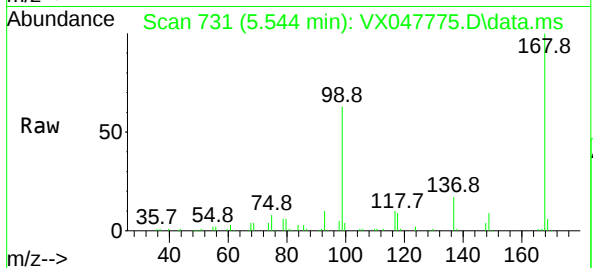
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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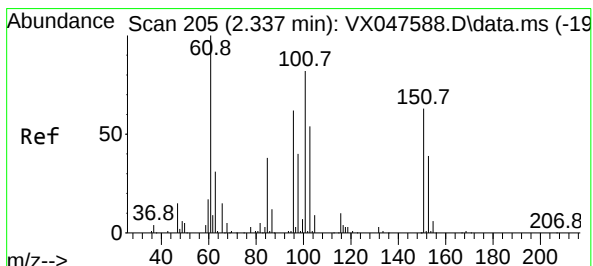
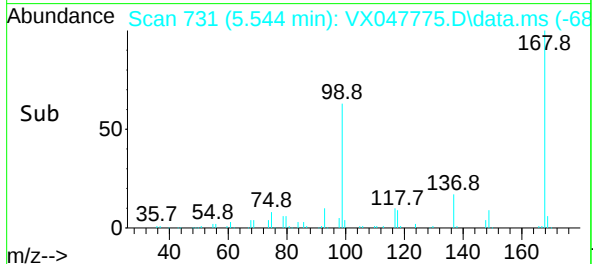
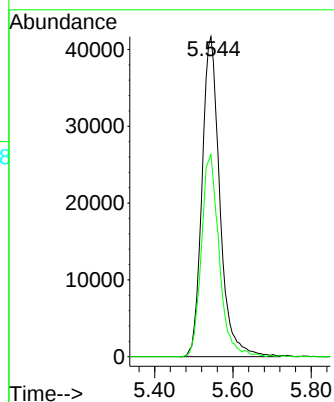


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912DL

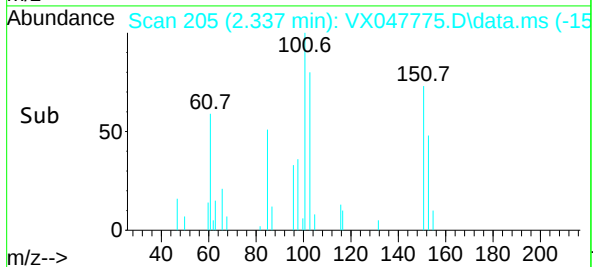
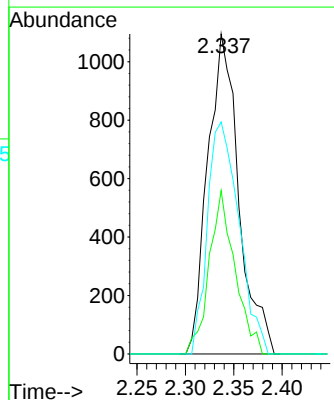
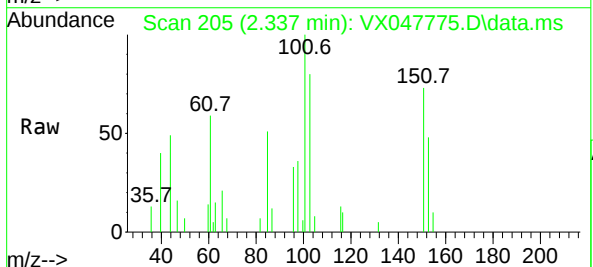


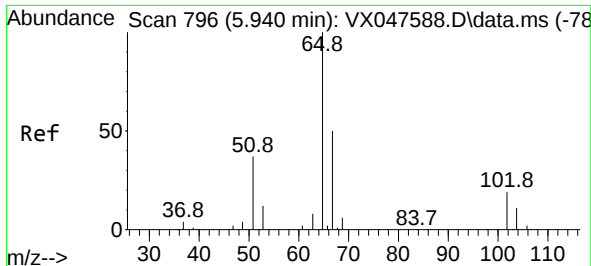
Tgt Ion:168 Resp: 131595
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.606 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

Tgt Ion:101 Resp: 2445
Ion Ratio Lower Upper
101 100
85 42.5 35.5 53.3
151 73.7 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047775.D

Acq: 24 Sep 2025 15:02

Instrument :

MSVOA_X

ClientSampleId :

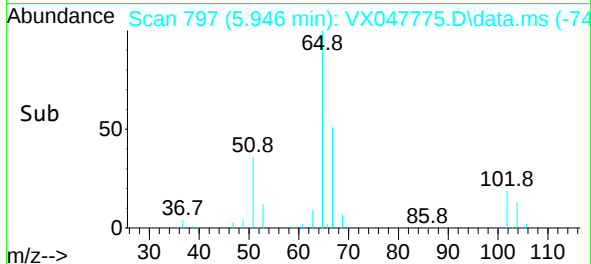
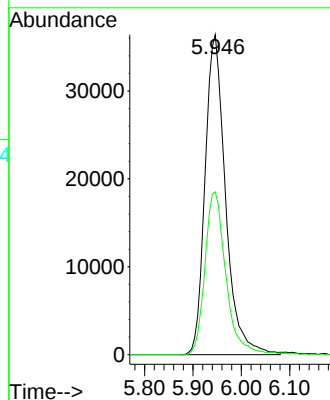
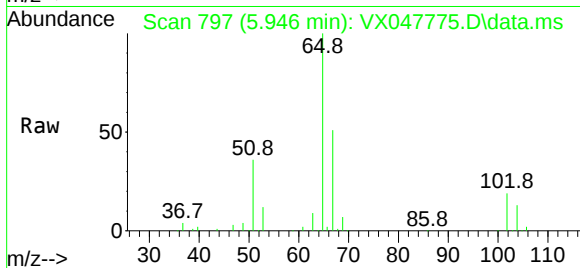
RE120D1-20250912DL

Tgt Ion: 65 Resp: 106994

Ion Ratio Lower Upper

65 100

67 51.7 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: VX047775.D

Acq: 24 Sep 2025 15:02

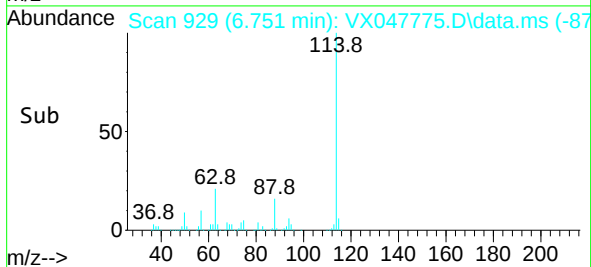
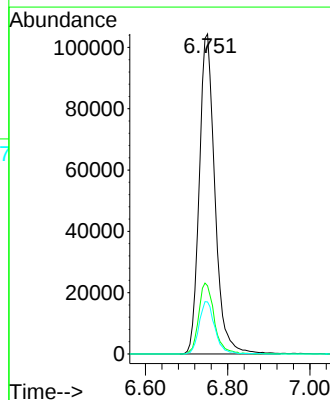
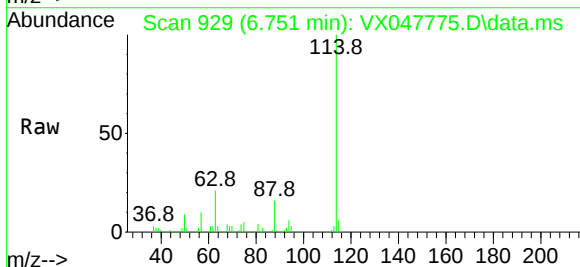
Tgt Ion: 114 Resp: 275490

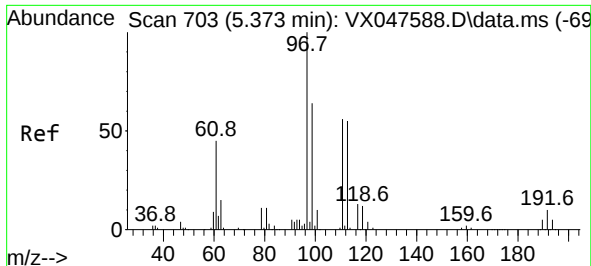
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 16.2 0.0 34.2

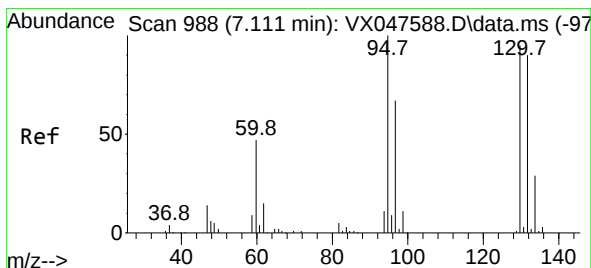
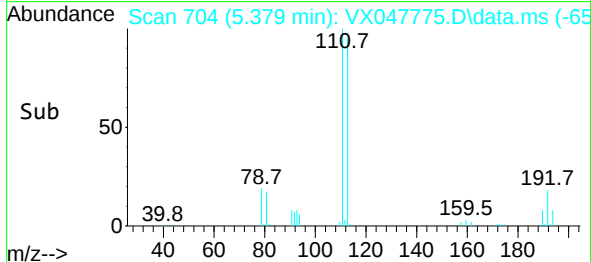
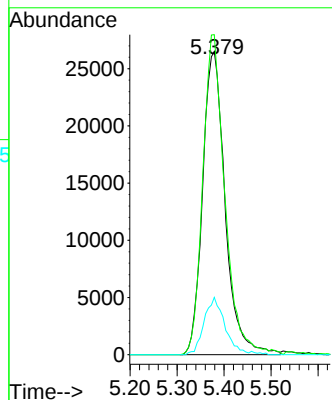
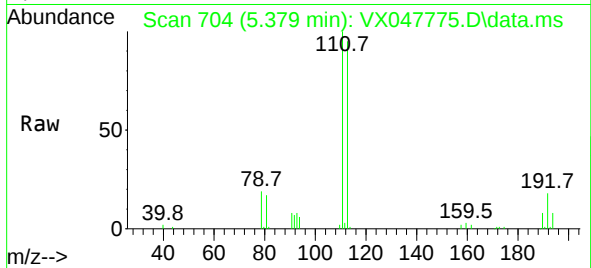




#35
Dibromofluoromethane
Concen: 47.755 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

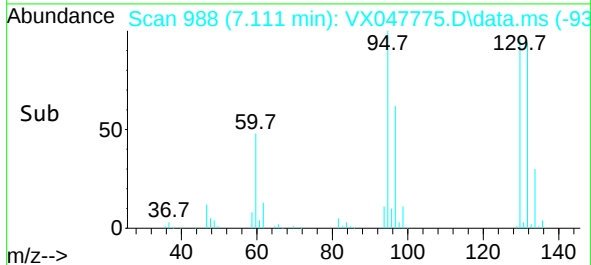
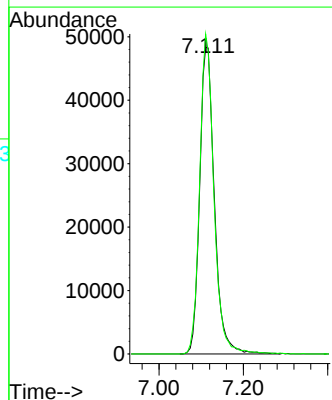
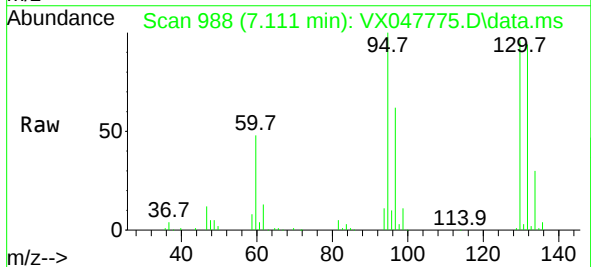
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912DL

Tgt Ion:113 Resp: 88232
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.4 14.2 21.4



#44
Trichloroethene
Concen: 59.494 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

Tgt Ion:130 Resp: 117943
Ion Ratio Lower Upper
130 100
95 104.4 0.0 210.8

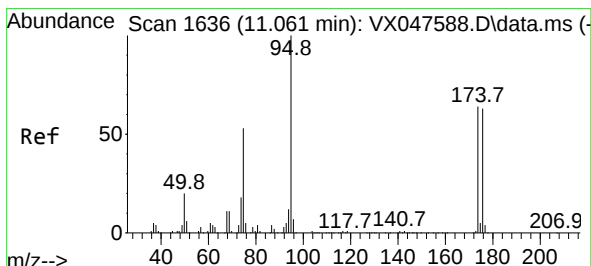
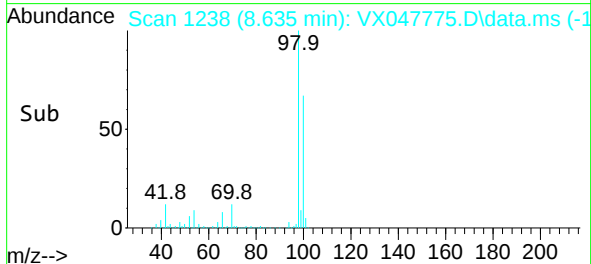
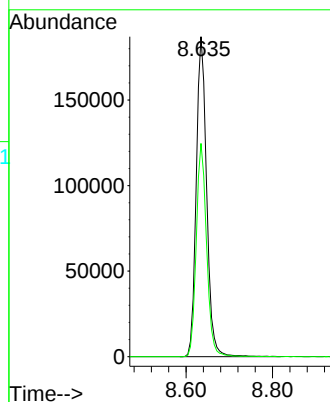
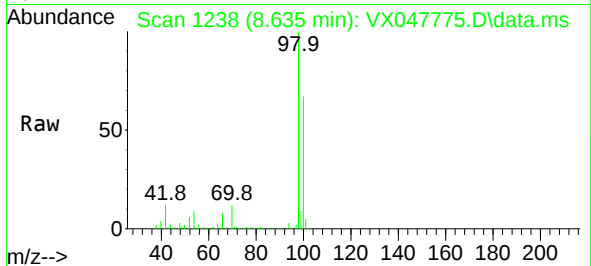




#50
Toluene-d8
Concen: 48.750 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

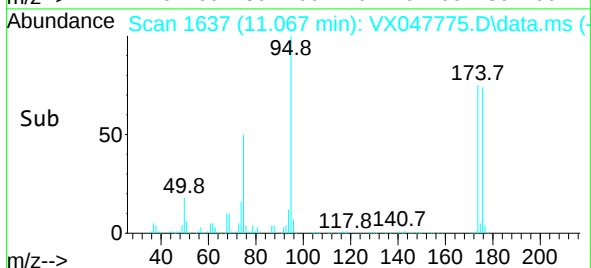
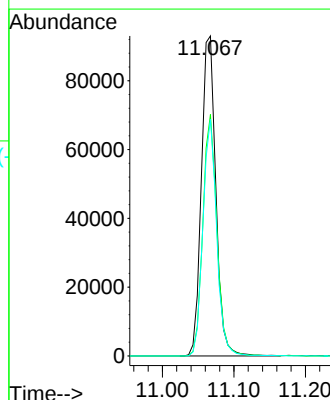
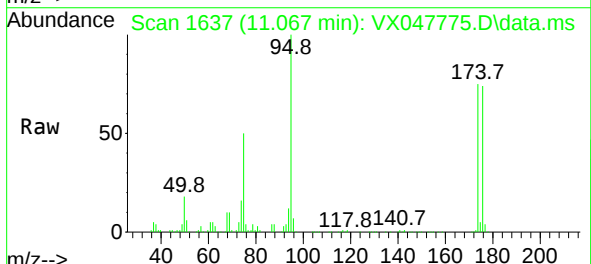
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20250912DL

Tgt Ion: 98 Resp: 311658
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.890 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047775.D
Acq: 24 Sep 2025 15:02

Tgt Ion: 95 Resp: 130752
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.5 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: VX047775.D

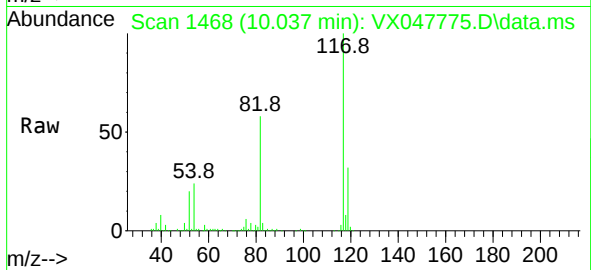
Acq: 24 Sep 2025 15:02

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20250912DL



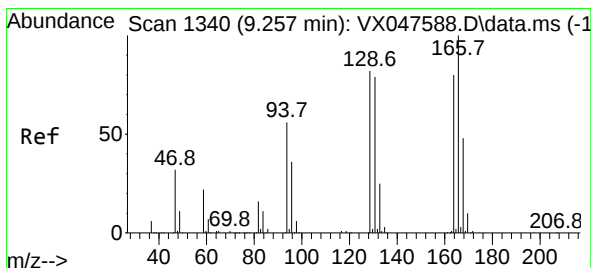
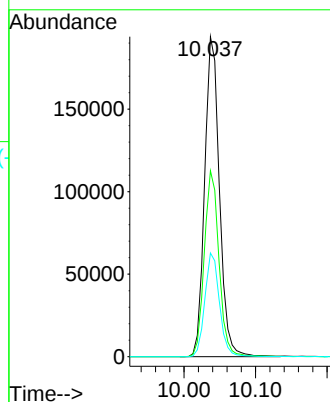
Tgt Ion:117 Resp: 279019

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 0.647 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047775.D

Acq: 24 Sep 2025 15:02

Tgt Ion:164 Resp: 1176

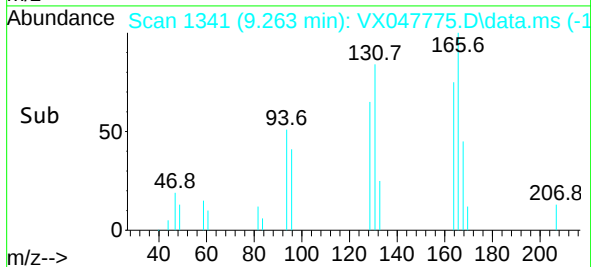
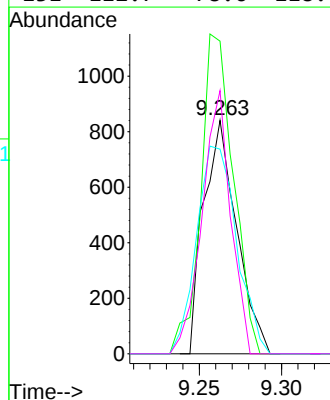
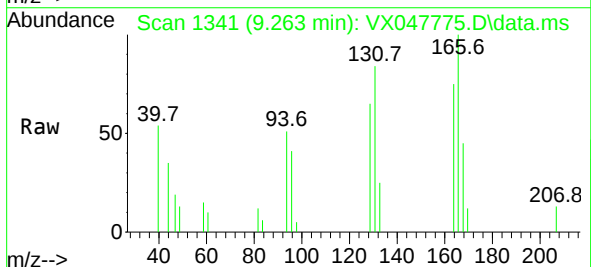
Ion Ratio Lower Upper

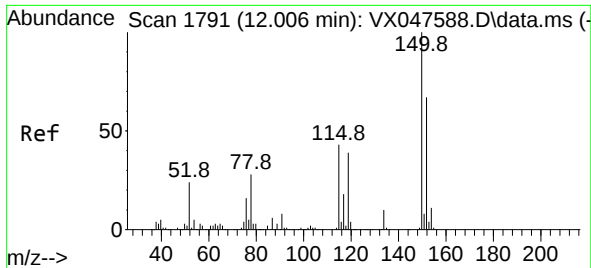
164 100

166 133.9 100.2 150.2

129 87.6 81.8 122.6

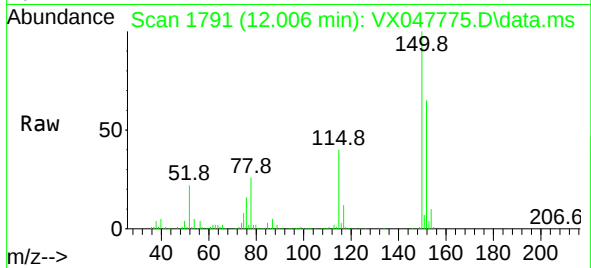
131 112.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047775.D
 Acq: 24 Sep 2025 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20250912DL



Tgt Ion:152 Resp: 140354
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 157.8 0.0 352.0

