

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047773.D
 Acq On : 24 Sep 2025 14:20
 Operator : JC/MD
 Sample : Q3097-21DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250912DL

Quant Time: Sep 25 01:14:39 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)

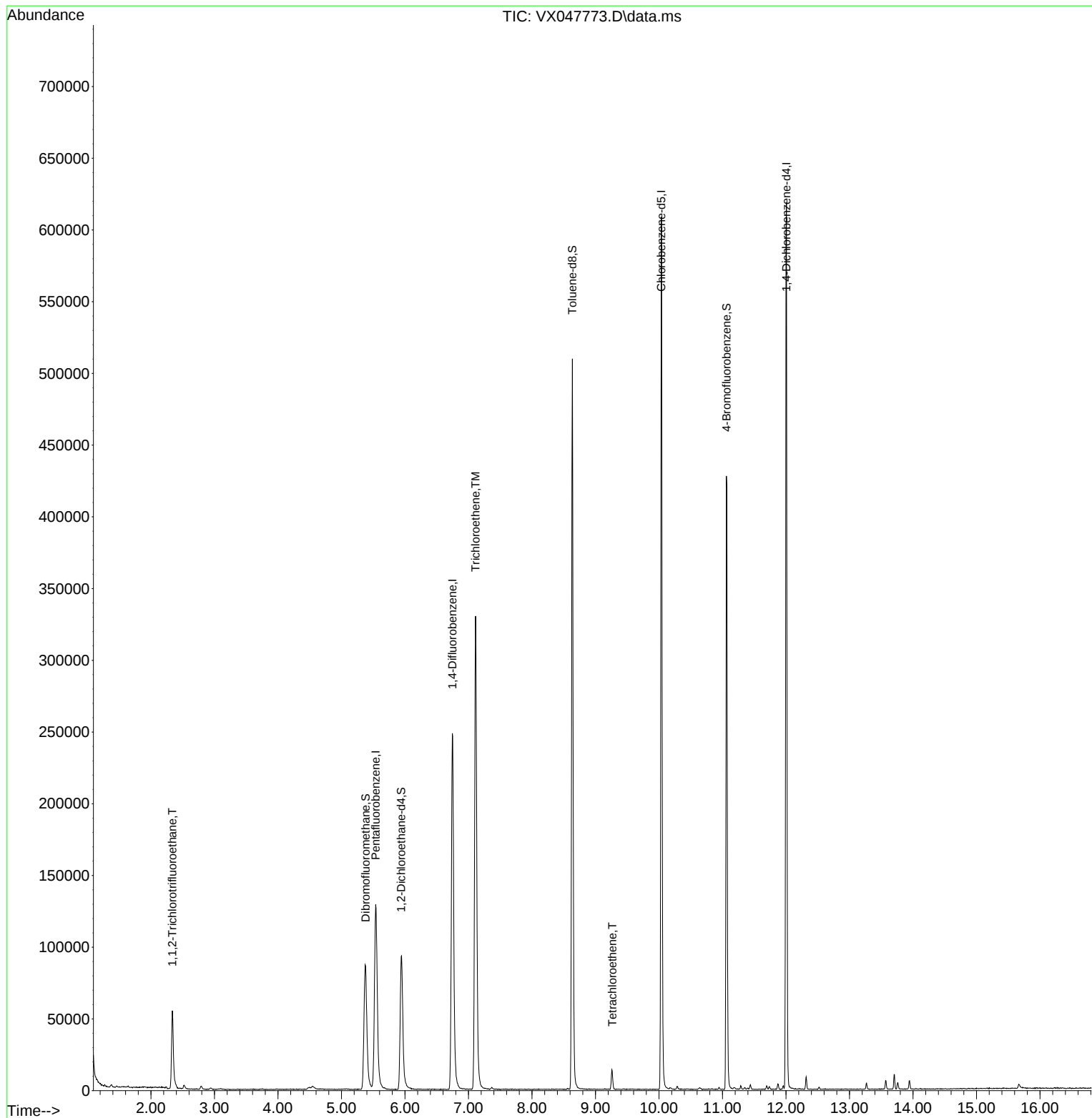
Internal Standards						
1) Pentafluorobenzene	5.538	168	130255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102091	49.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.379	113	87280	47.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.635	98	306466	48.079	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.061	95	124008	51.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.520%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	24819	16.474	ug/l	98
44) Trichloroethene	7.111	130	137349	69.488	ug/l	96
64) Tetrachloroethene	9.263	164	2530	1.424	ug/l	91

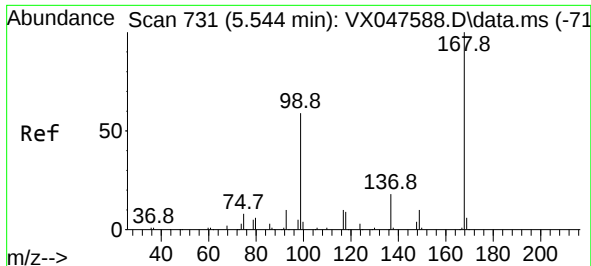
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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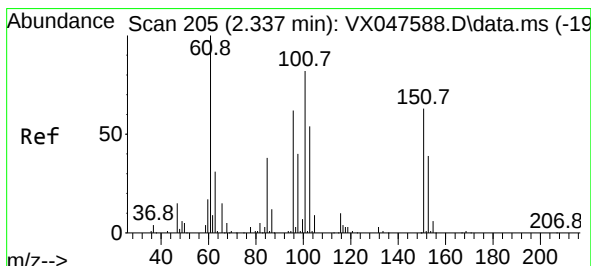
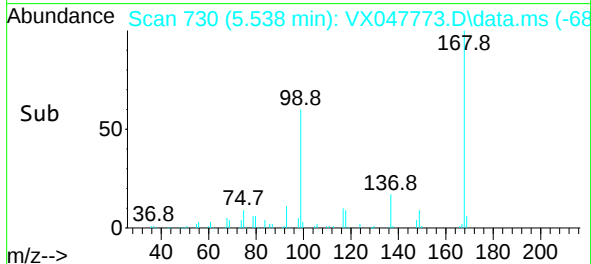
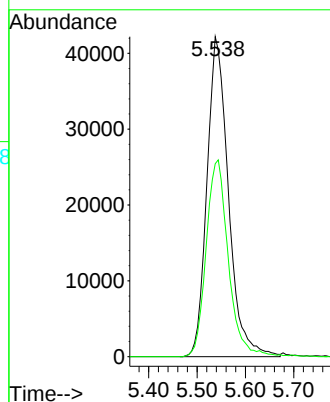
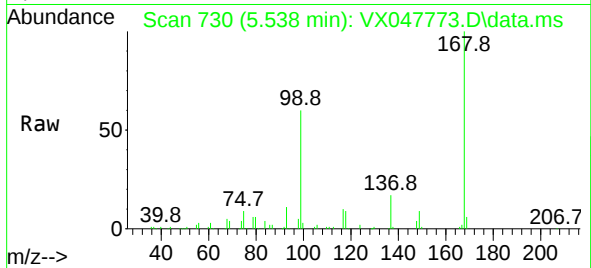




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

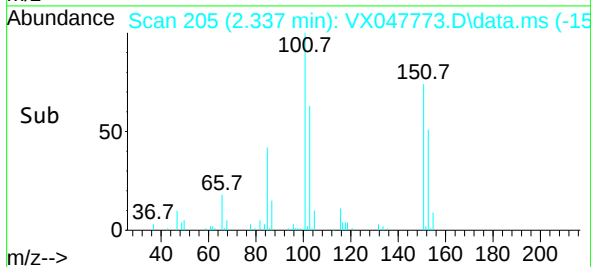
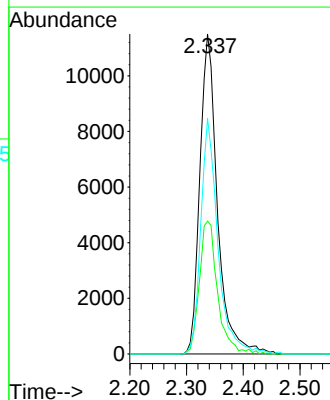
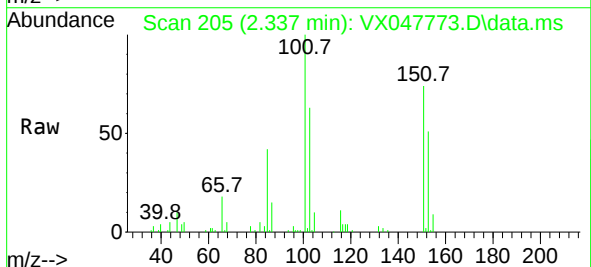
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912DL

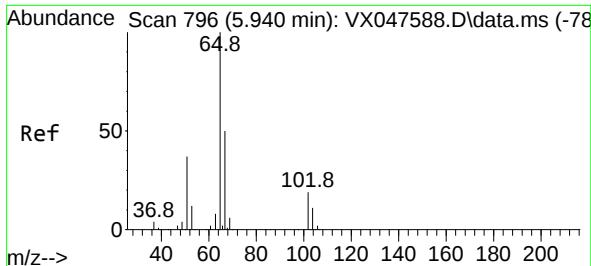
Tgt Ion:168 Resp: 130255
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.474 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

Tgt Ion:101 Resp: 24819
Ion Ratio Lower Upper
101 100
85 43.1 35.5 53.3
151 71.9 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 49.240 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047773.D

Acq: 24 Sep 2025 14:20

Instrument :

MSVOA_X

ClientSampleId :

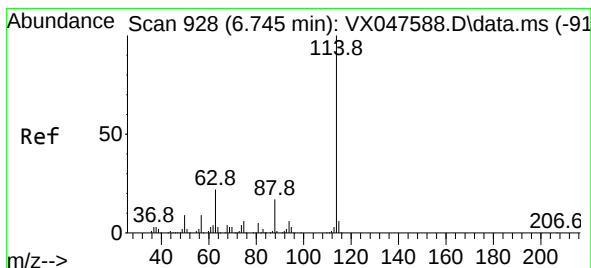
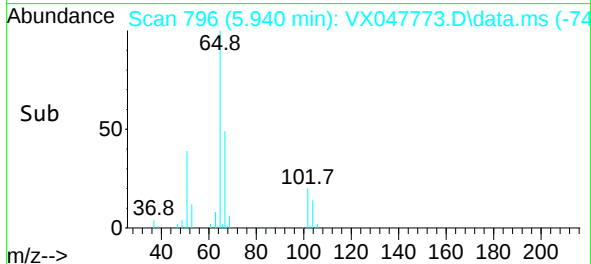
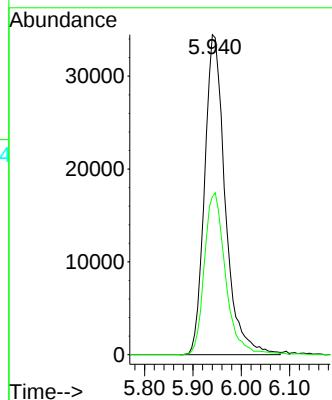
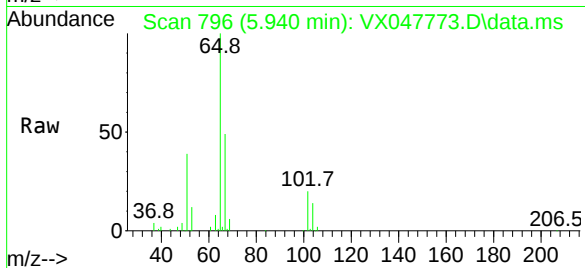
RE120D2-20250912DL

Tgt Ion: 65 Resp: 102091

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047773.D

Acq: 24 Sep 2025 14:20

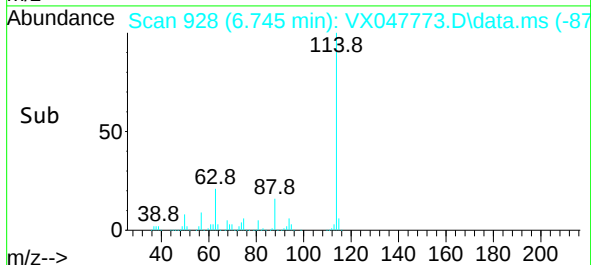
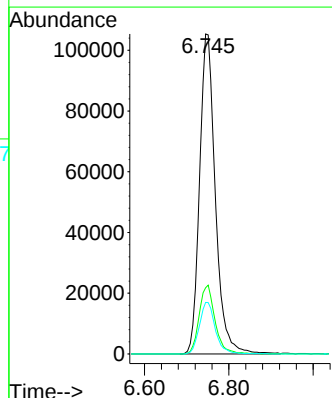
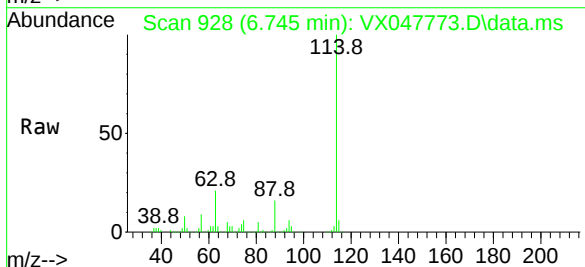
Tgt Ion: 114 Resp: 274677

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.1 0.0 34.2

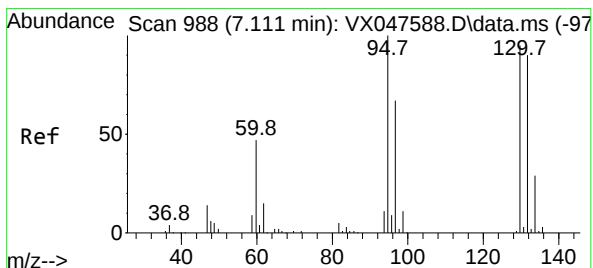
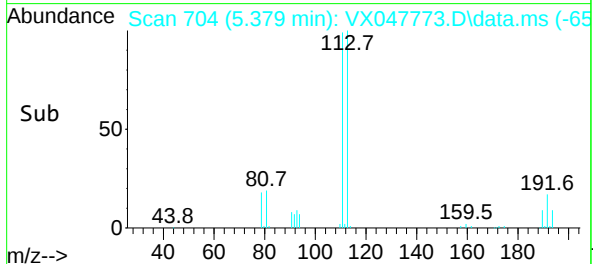
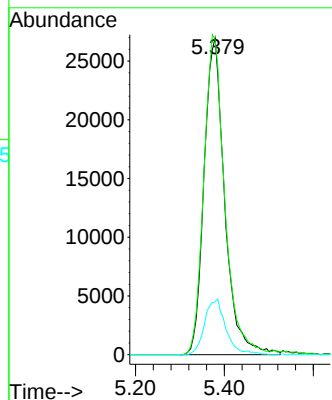
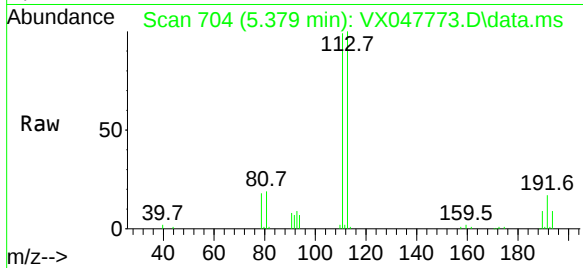




#35
Dibromofluoromethane
Concen: 47.380 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

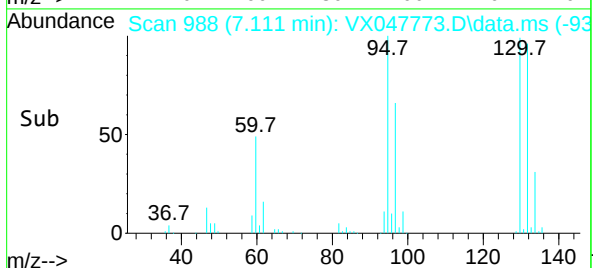
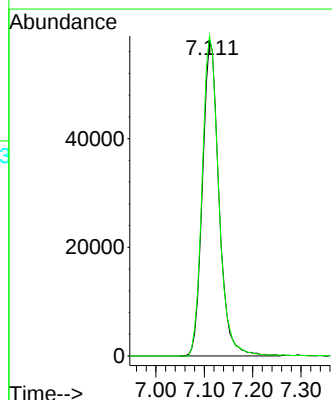
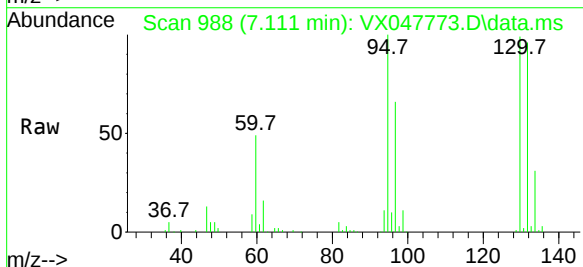
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912DL

Tgt Ion:113 Resp: 87280
Ion Ratio Lower Upper
113 100
111 102.1 80.9 121.3
192 18.0 14.2 21.4



#44
Trichloroethene
Concen: 69.488 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

Tgt Ion:130 Resp: 137349
Ion Ratio Lower Upper
130 100
95 101.5 0.0 210.8

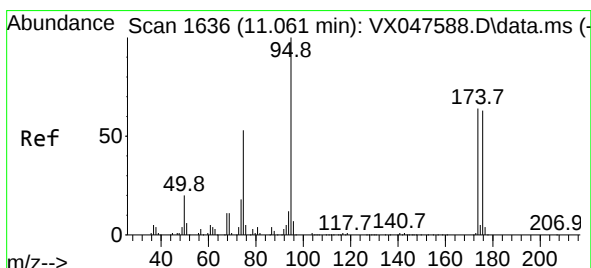
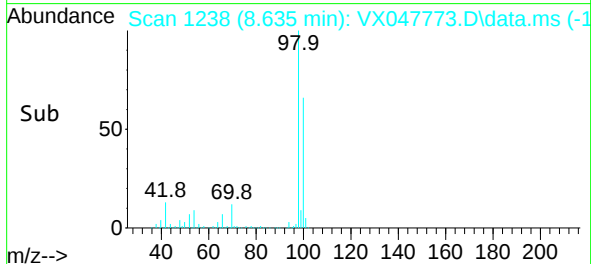
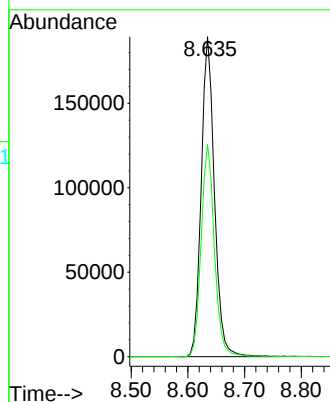
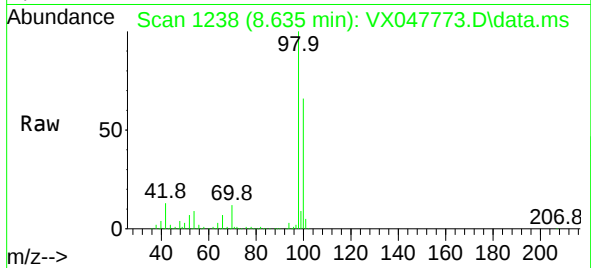




#50
Toluene-d8
Concen: 48.079 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

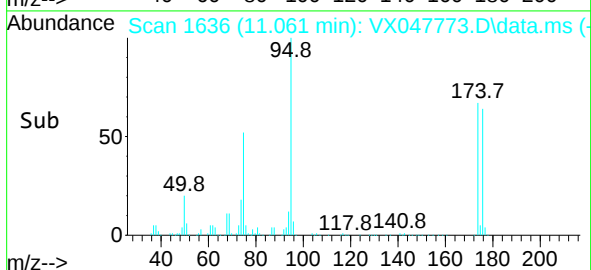
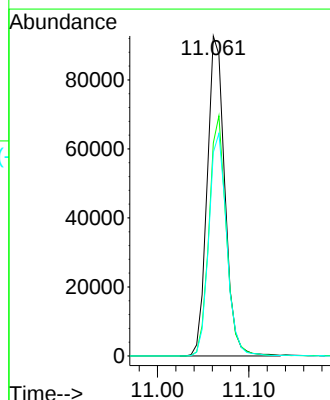
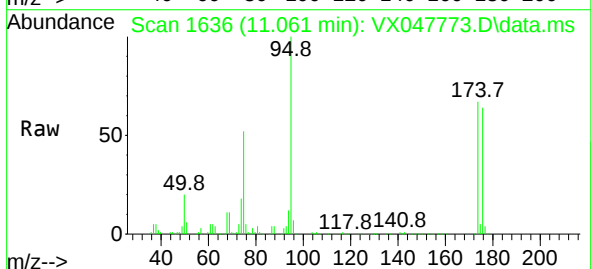
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250912DL

Tgt Ion: 98 Resp: 306466
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.262 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047773.D
Acq: 24 Sep 2025 14:20

Tgt Ion: 95 Resp: 124008
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.2 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: VX047773.D

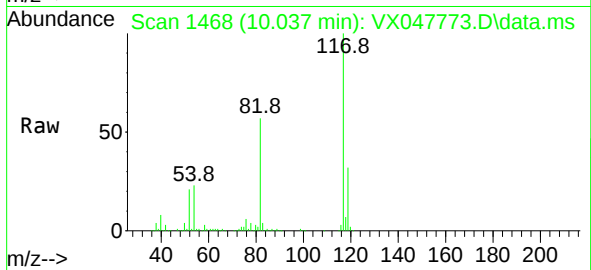
Acq: 24 Sep 2025 14:20

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20250912DL



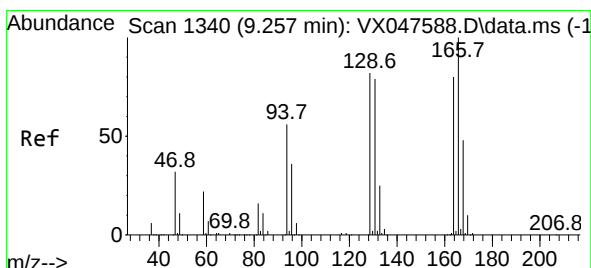
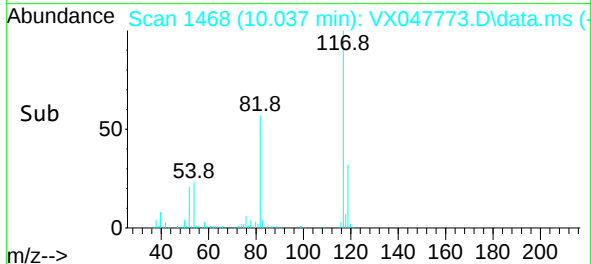
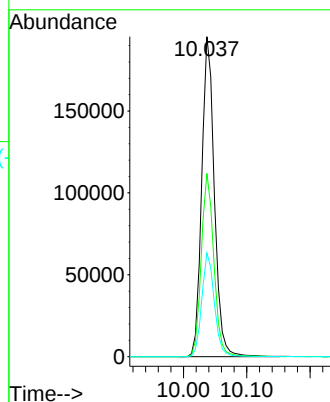
Tgt Ion:117 Resp: 272538

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 1.424 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047773.D

Acq: 24 Sep 2025 14:20

Tgt Ion:164 Resp: 2530

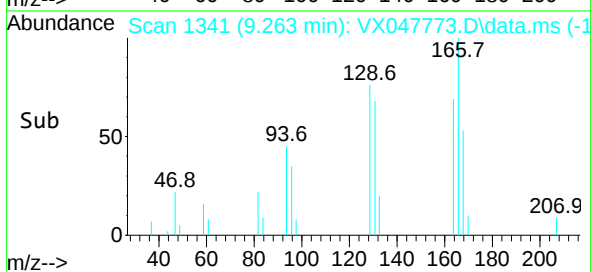
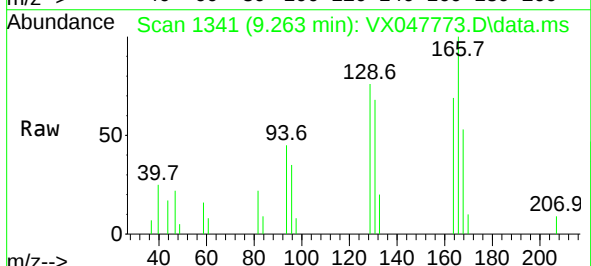
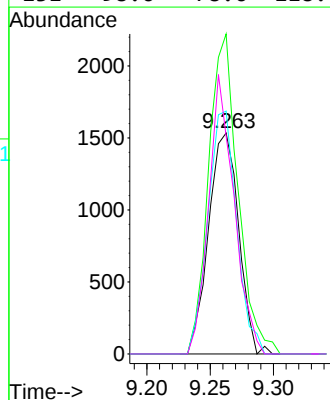
Ion Ratio Lower Upper

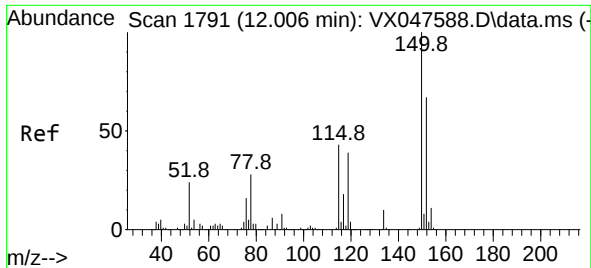
164 100

166 144.9 100.2 150.2

129 109.9 81.8 122.6

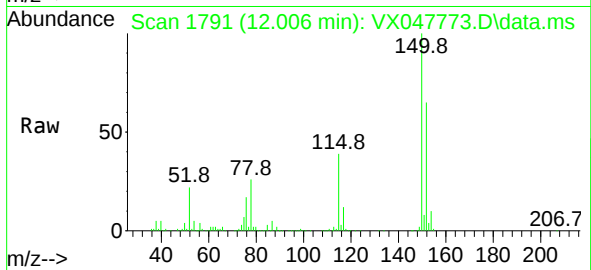
131 98.6 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047773.D
 Acq: 24 Sep 2025 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250912DL



Tgt Ion:152 Resp: 133342
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.9 134.5
 150 156.5 0.0 352.0

