

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047741.D
 Acq On : 23 Sep 2025 17:57
 Operator : JC/MD
 Sample : Q3097-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912

Quant Time: Sep 24 01:37:36 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)

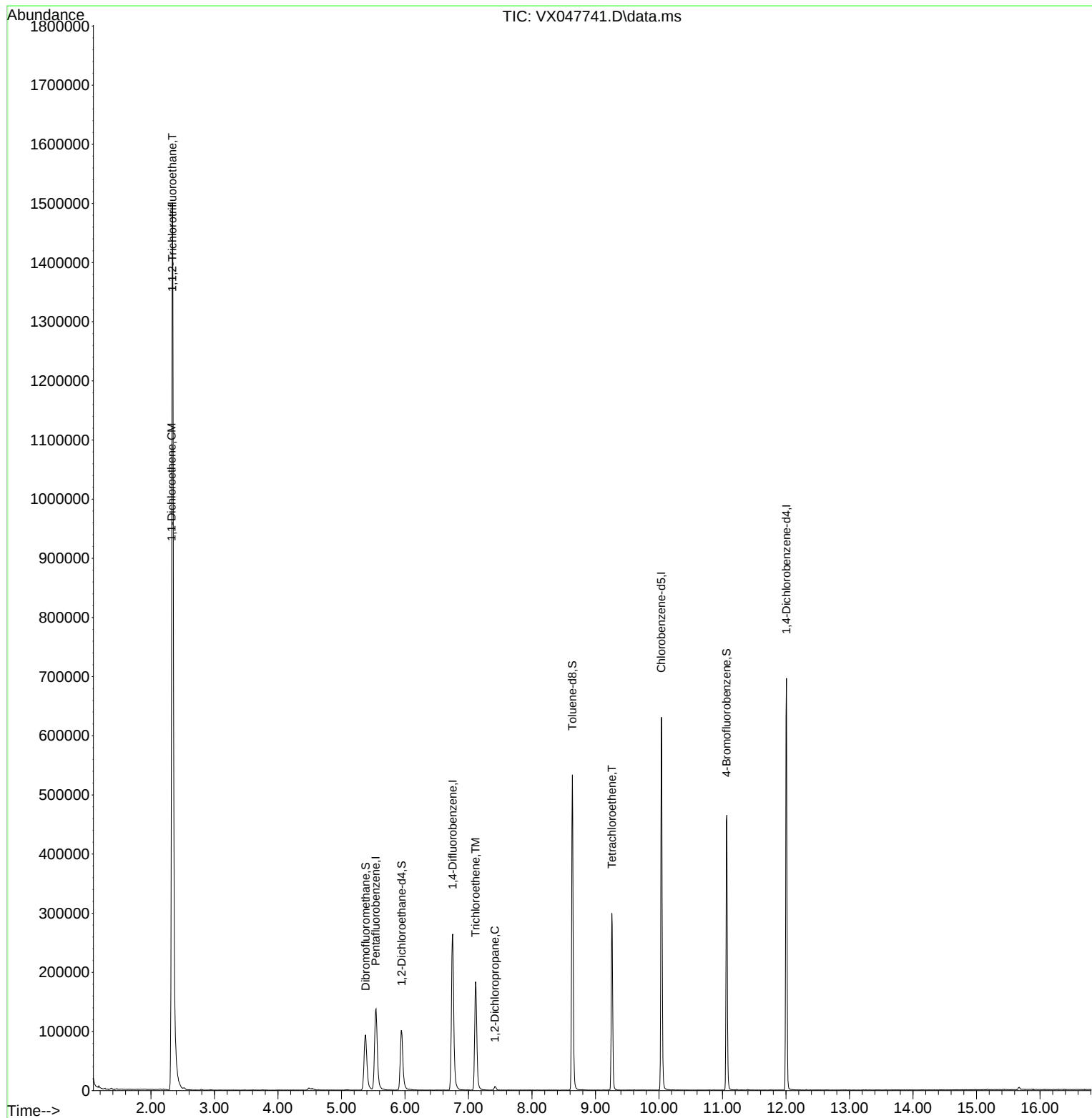
Internal Standards						
1) Pentafluorobenzene	5.538	168	139747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	290603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109066	49.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.060%
35) Dibromofluoromethane	5.379	113	93054	47.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.635	98	325685	48.294	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.061	95	138234	54.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.020%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	697558	431.559	ug/l	99
12) 1,1-Dichloroethene	2.325	96	4100	2.469	ug/l #	79
44) Trichloroethene	7.111	130	76703	36.679	ug/l	97
45) 1,2-Dichloropropane	7.415	63	2858	1.290	ug/l #	88
64) Tetrachloroethene	9.257	164	57189	30.235	ug/l	98

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

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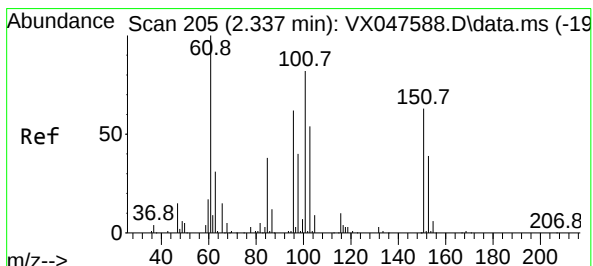
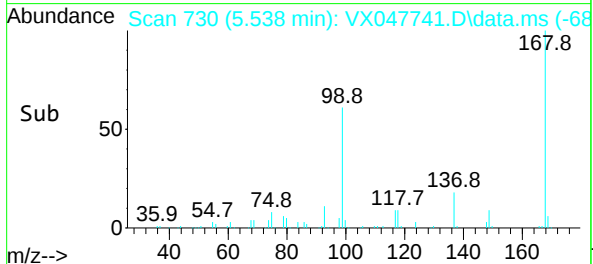
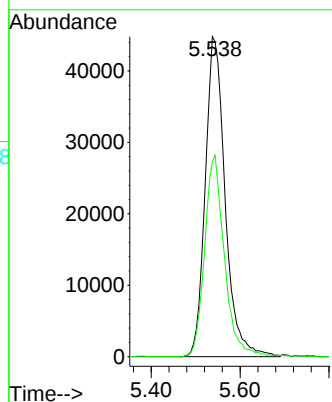
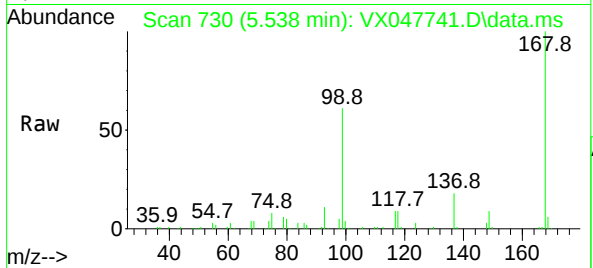




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

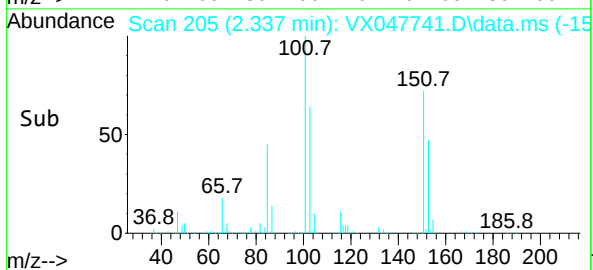
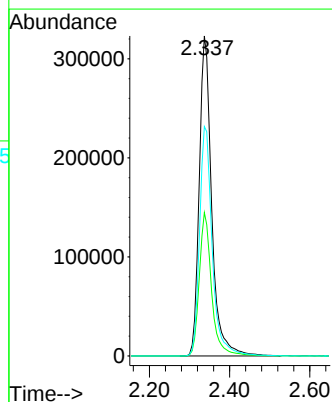
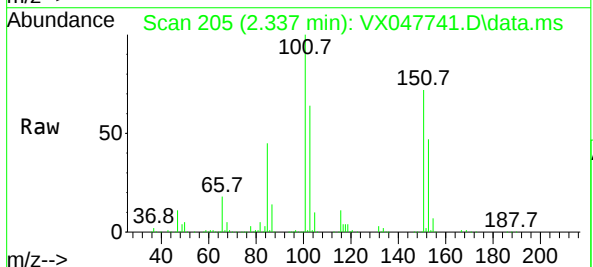
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912

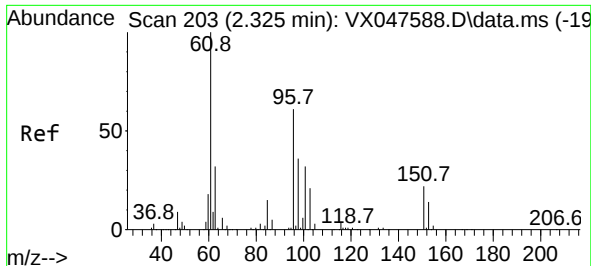
Tgt Ion:168 Resp: 139747
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 431.559 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

Tgt Ion:101 Resp: 697558
Ion Ratio Lower Upper
101 100
85 44.3 35.5 53.3
151 73.3 59.4 89.0

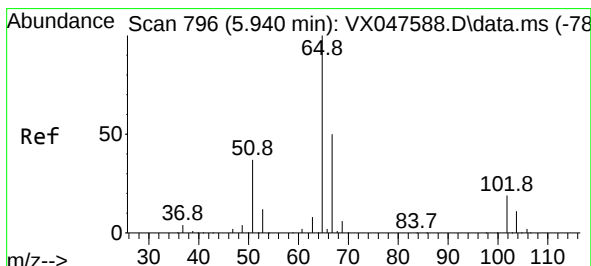
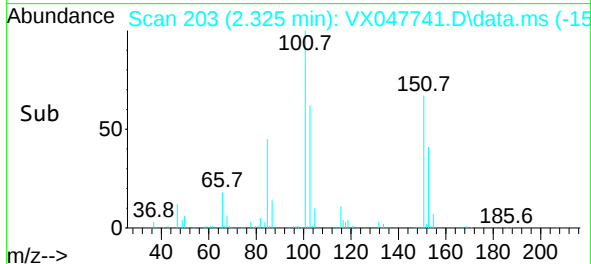
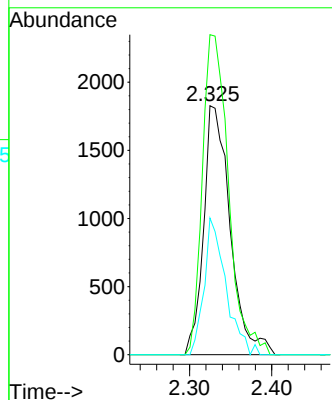
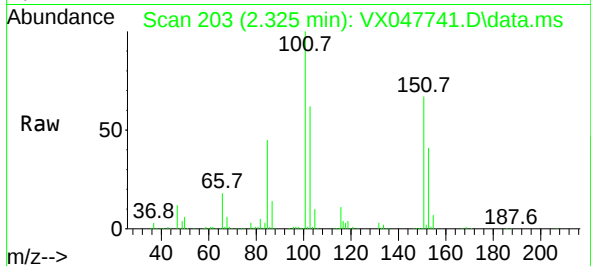




#12
 1,1-Dichloroethene
 Concen: 2.469 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX047741.D
 Acq: 23 Sep 2025 17:57

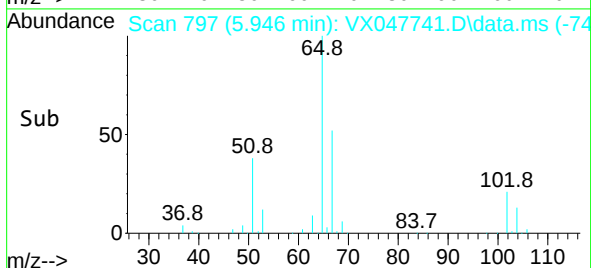
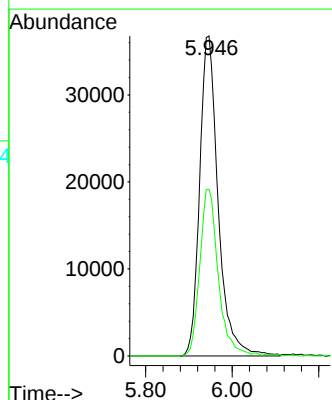
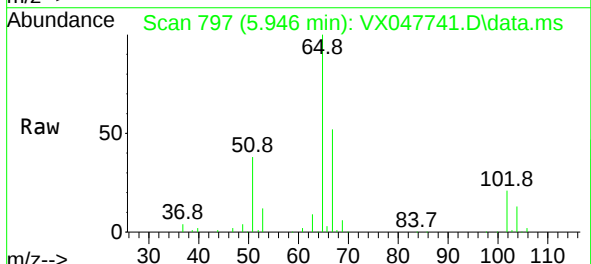
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912

Tgt Ion: 96 Resp: 4100
 Ion Ratio Lower Upper
 96 100
 61 128.5 131.0 196.6#
 98 54.9 47.7 71.5



#33
 1,2-Dichloroethane-d4
 Concen: 49.031 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX047741.D
 Acq: 23 Sep 2025 17:57

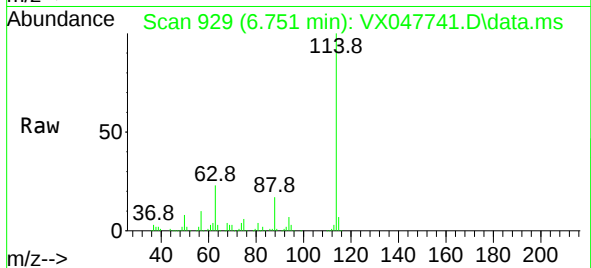
Tgt Ion: 65 Resp: 109066
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



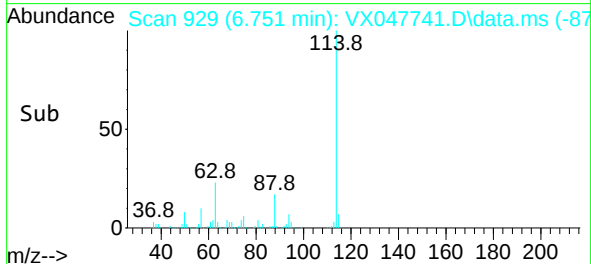
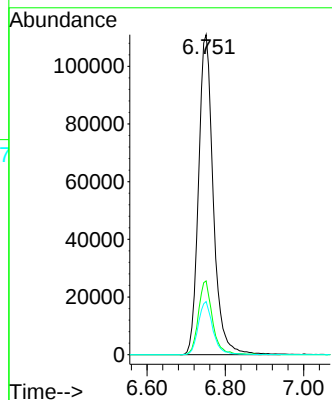


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912

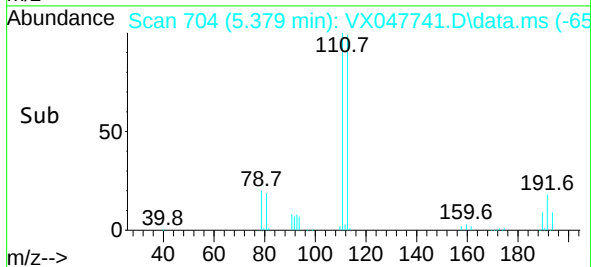
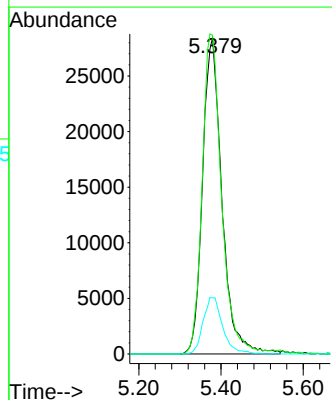
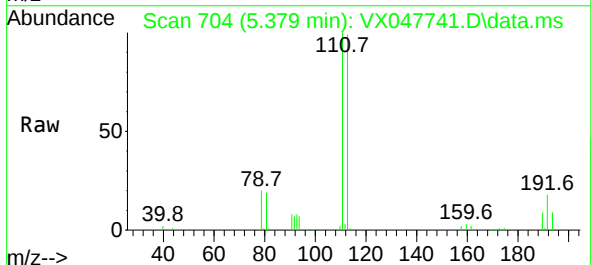


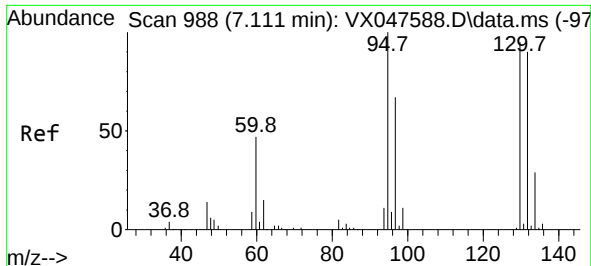
Tgt Ion:114 Resp: 290603
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.746 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

Tgt Ion:113 Resp: 93054
Ion Ratio Lower Upper
113 100
111 101.2 80.9 121.3
192 18.0 14.2 21.4

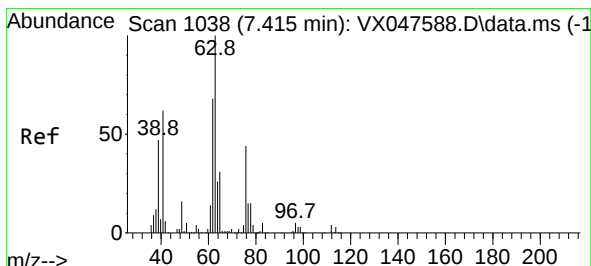
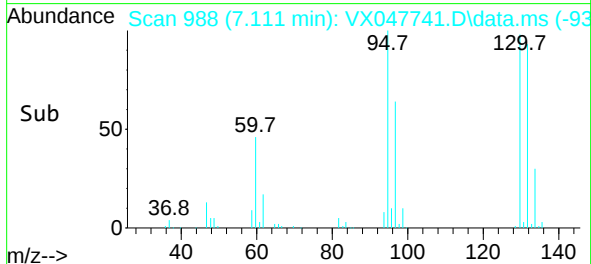
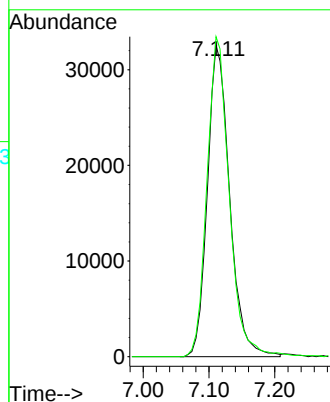
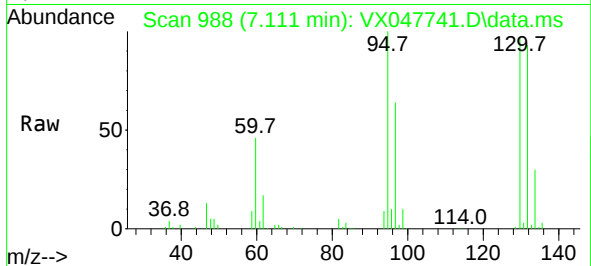




#44
Trichloroethene
Concen: 36.679 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

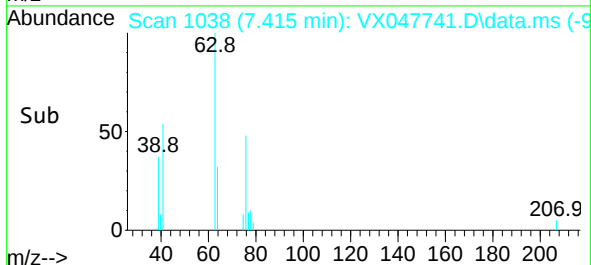
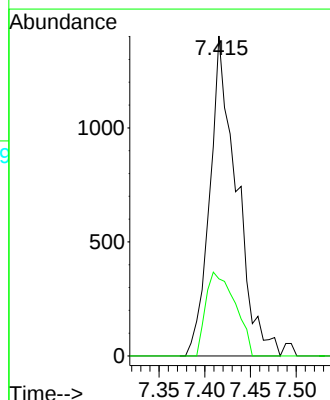
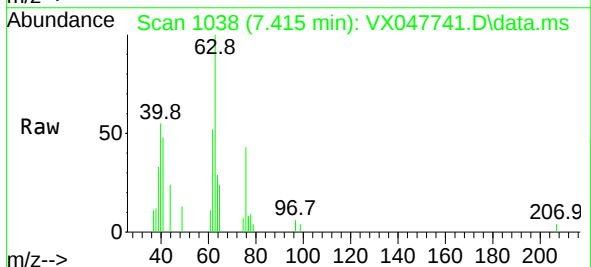
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912

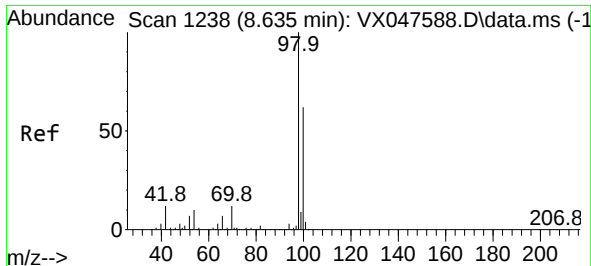
Tgt Ion:130 Resp: 76703
Ion Ratio Lower Upper
130 100
95 102.7 0.0 210.8



#45
1,2-Dichloropropane
Concen: 1.290 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

Tgt Ion: 63 Resp: 2858
Ion Ratio Lower Upper
63 100
65 24.1 24.7 37.1#

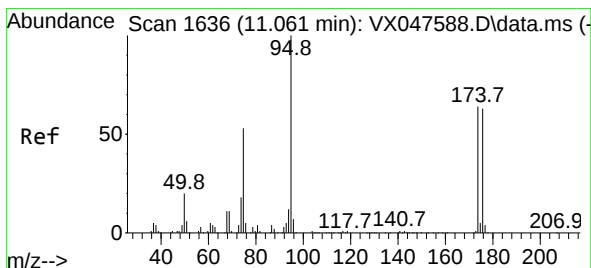
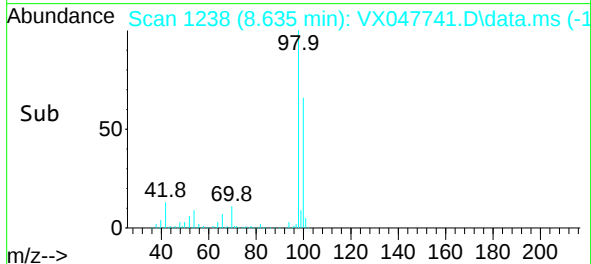
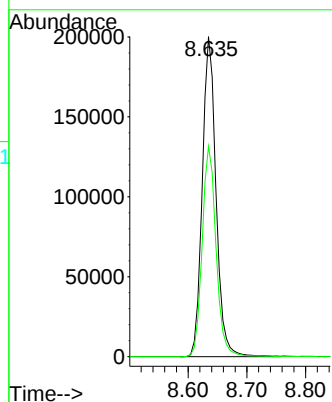
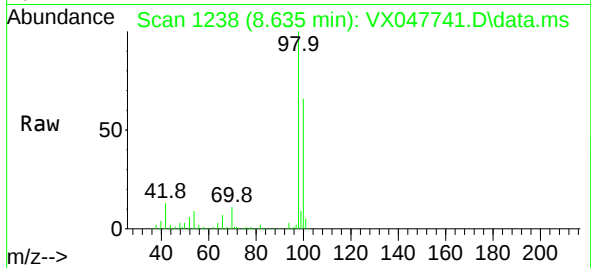




#50
Toluene-d8
Concen: 48.294 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

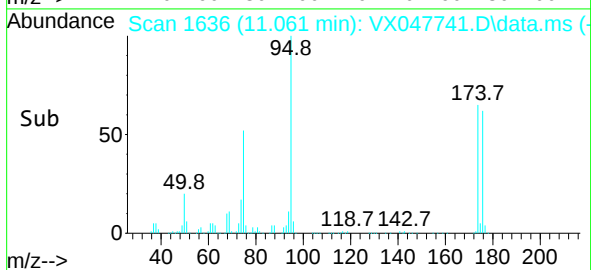
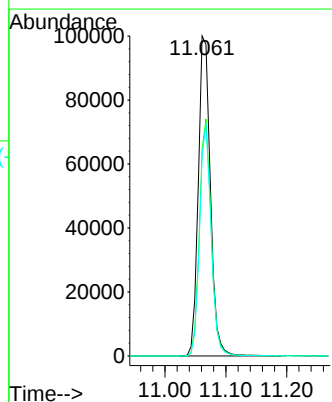
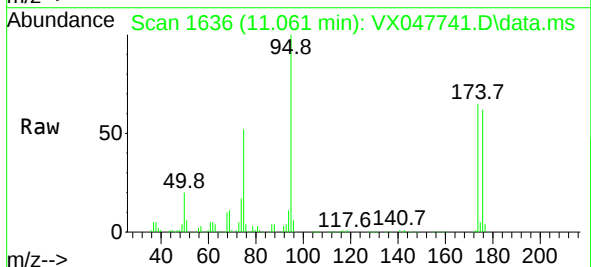
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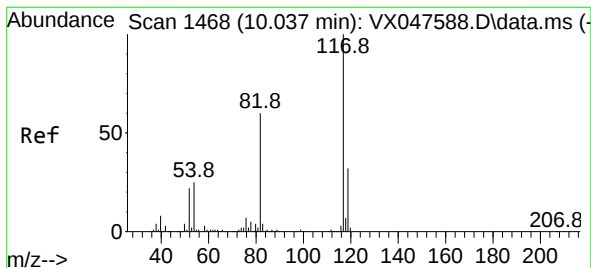
Tgt Ion: 98 Resp: 325685
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.011 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047741.D
Acq: 23 Sep 2025 17:57

Tgt Ion: 95 Resp: 138234
Ion Ratio Lower Upper
95 100
174 71.7 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: VX047741.D

Acq: 23 Sep 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20250912

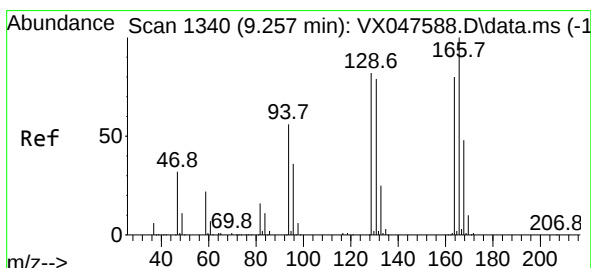
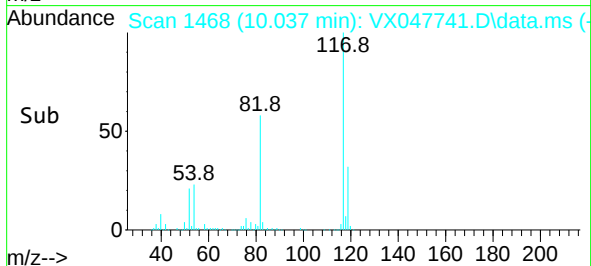
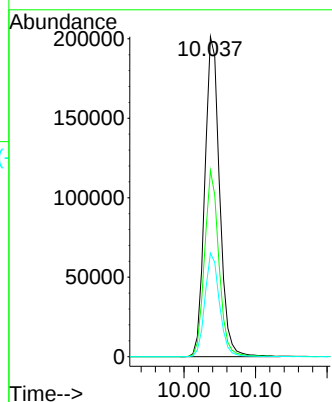
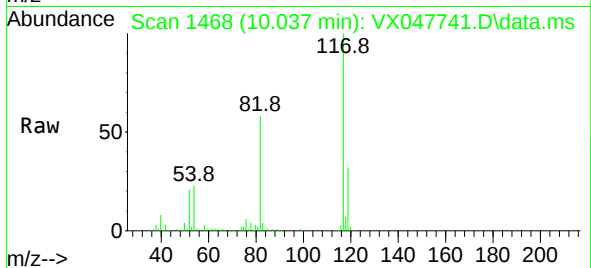
Tgt Ion:117 Resp: 290148

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 30.235 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX047741.D

Acq: 23 Sep 2025 17:57

Tgt Ion:164 Resp: 57189

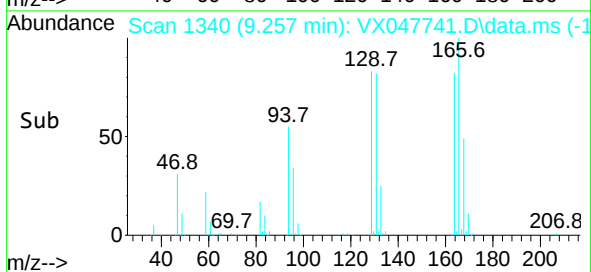
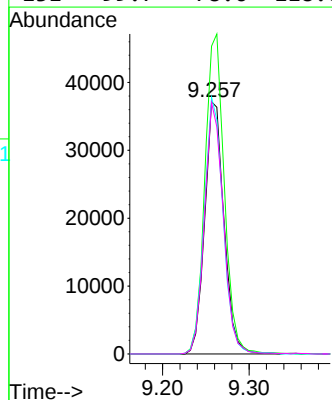
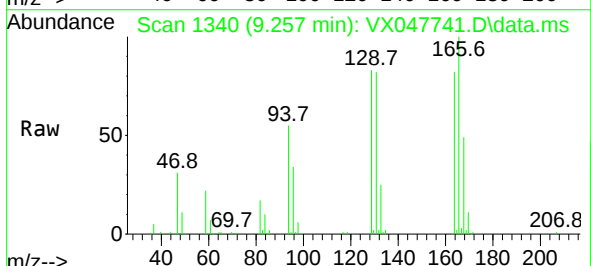
Ion Ratio Lower Upper

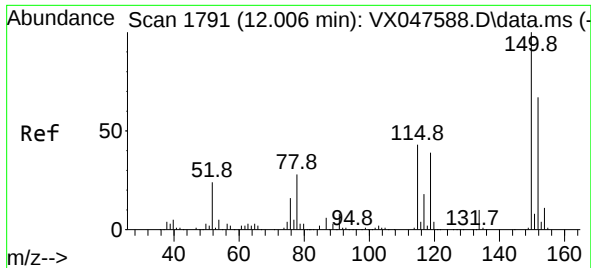
164 100

166 122.0 100.2 150.2

129 101.9 81.8 122.6

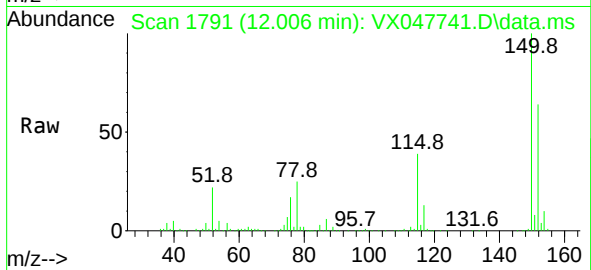
131 99.7 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047741.D
 Acq: 23 Sep 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912



Tgt Ion:152 Resp: 144658
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.9 134.5
 150 157.4 0.0 352.0

