

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047671.D
 Acq On : 19 Sep 2025 13:32
 Operator : JC/MD
 Sample : Q3095-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20250910

Quant Time: Sep 20 00:31:18 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)

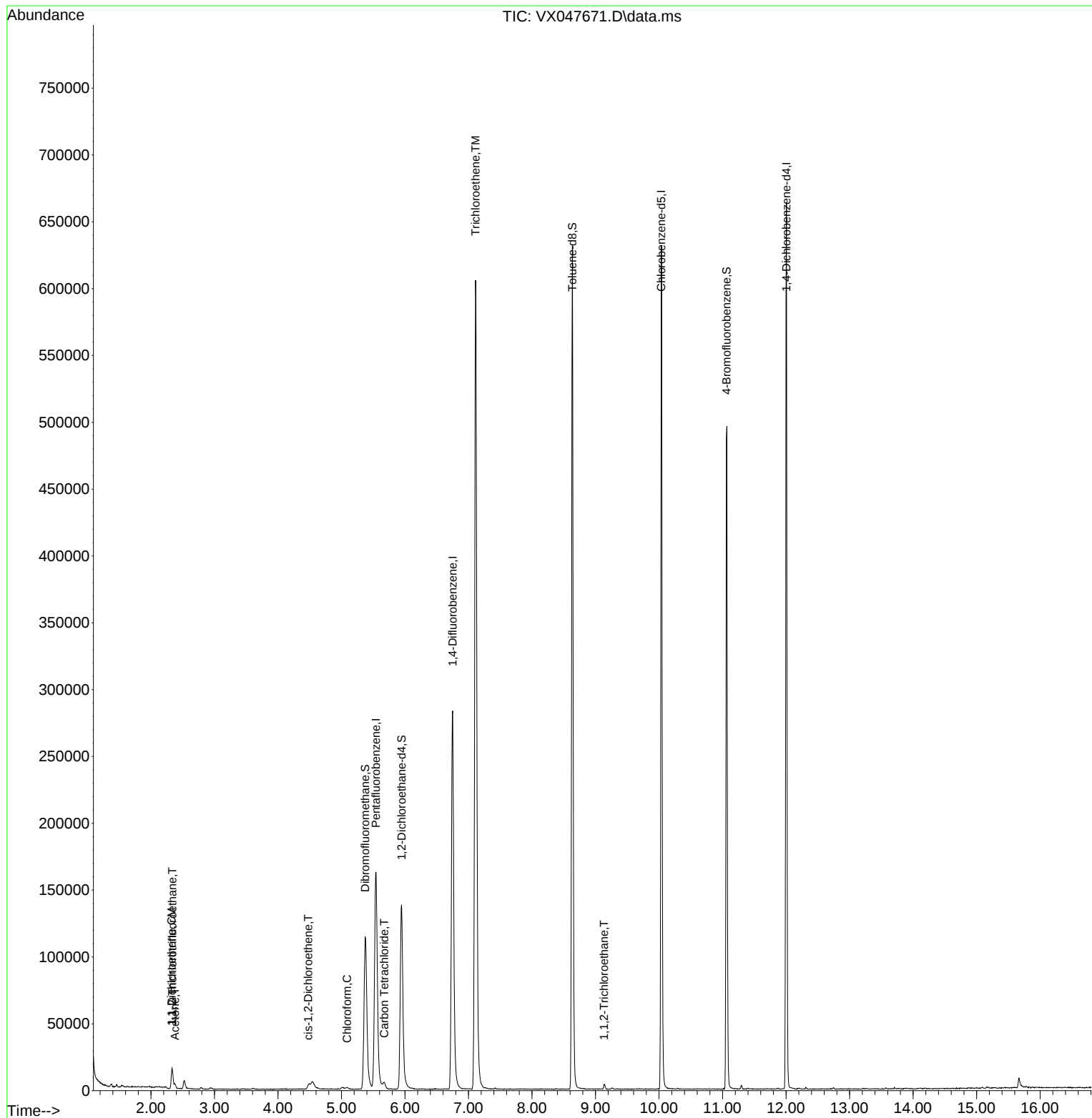
Internal Standards						
1) Pentafluorobenzene	5.544	168	166057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	309930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	149884	56.705	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	113.420%	
35) Dibromofluoromethane	5.373	113	111158	53.478	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	106.960%	
50) Toluene-d8	8.635	98	384319	53.435	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	106.880%	
62) 4-Bromofluorobenzene	11.061	95	147130	53.902	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	107.800%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	3704	1.928	ug/l	96
12) 1,1-Dichloroethene	2.325	96	3523	1.786	ug/l	96
16) Acetone	2.380	43	3653	3.179	ug/l #	84
27) cis-1,2-Dichloroethene	4.477	96	2848	1.095	ug/l	97
30) Chloroform	5.087	83	1834	0.433	ug/l	84
38) Carbon Tetrachloride	5.672	117	4425	1.341	ug/l	90
44) Trichloroethene	7.111	130	256799	115.143	ug/l	94
55) 1,1,2-Trichloroethane	9.135	97	1332	0.608	ug/l	91

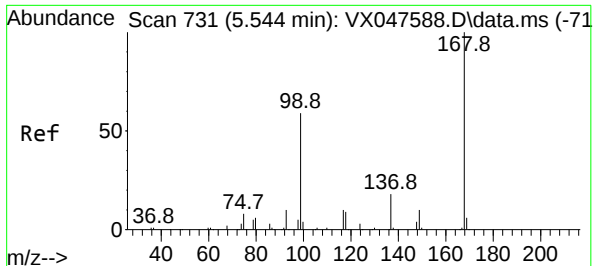
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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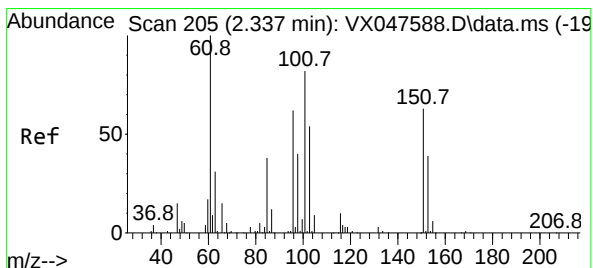
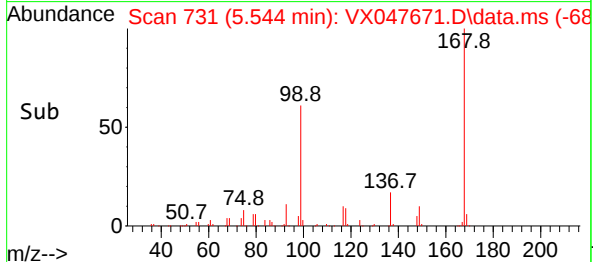
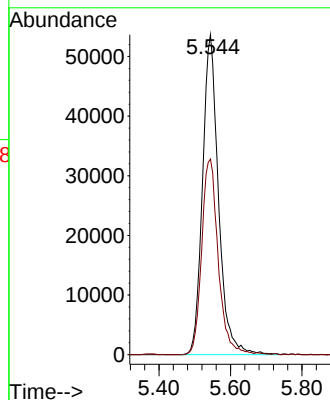
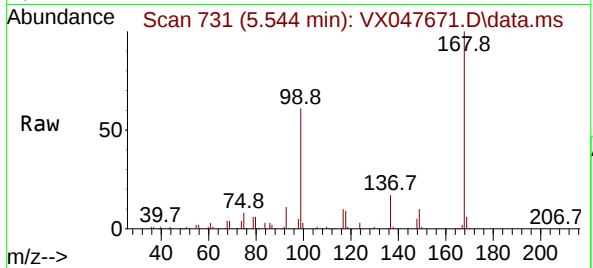




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

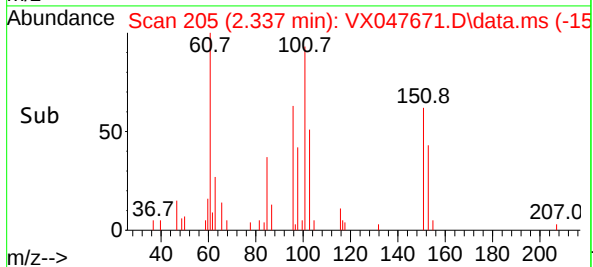
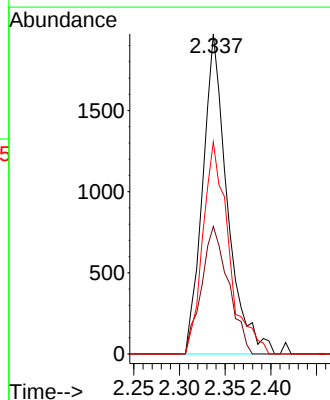
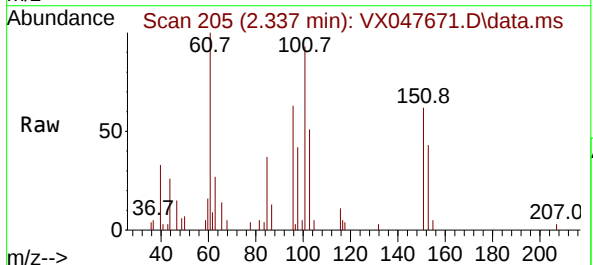
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20250910

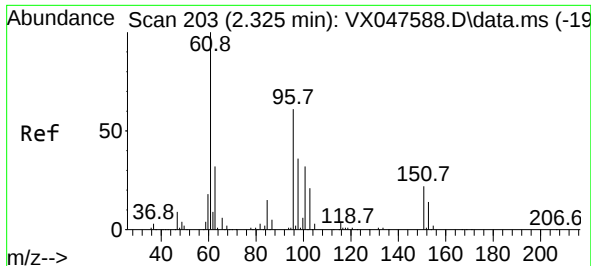
Tgt Ion:168 Resp: 166057
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.928 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

Tgt Ion:101 Resp: 3704
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 69.6 59.4 89.0

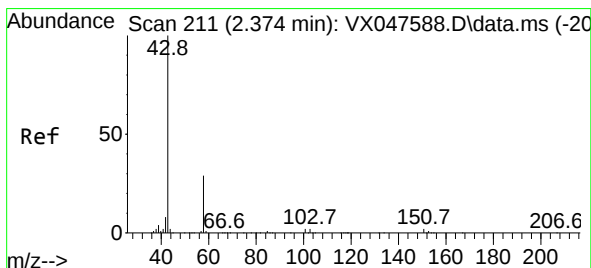
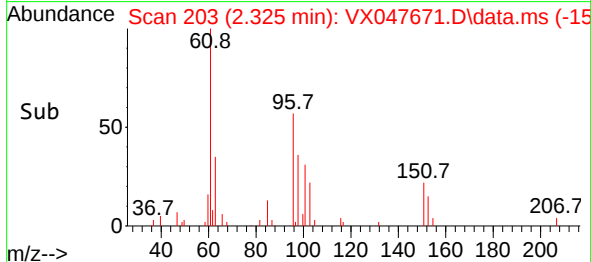
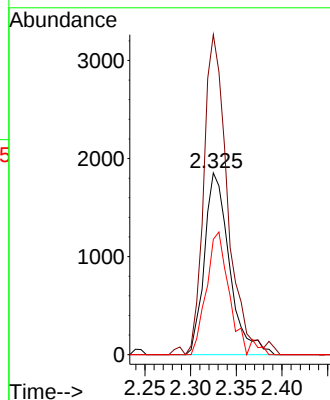
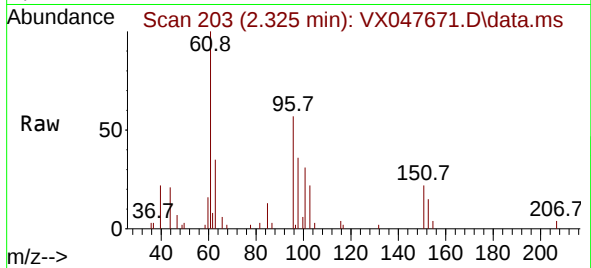




#12
1,1-Dichloroethene
Concen: 1.786 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

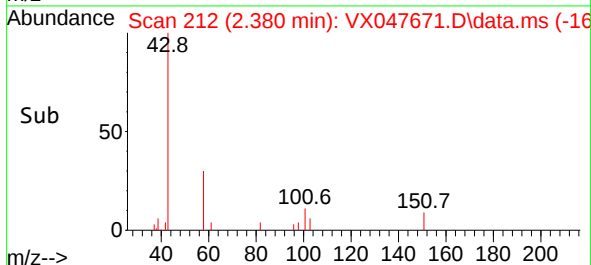
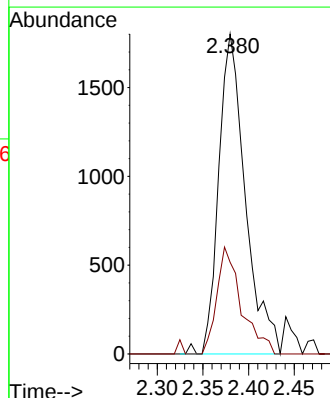
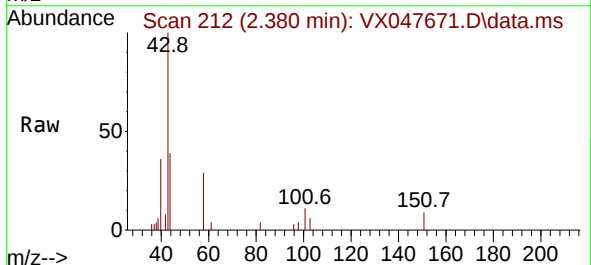
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20250910

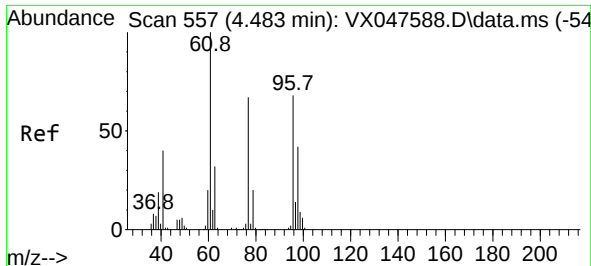
Tgt Ion: 96 Resp: 3523
Ion Ratio Lower Upper
96 100
61 170.7 131.0 196.6
98 61.6 47.7 71.5



#16
Acetone
Concen: 3.179 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 20.6 23.4 35.0#





#27

cis-1,2-Dichloroethene

Concen: 1.095 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047671.D

Acq: 19 Sep 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250910

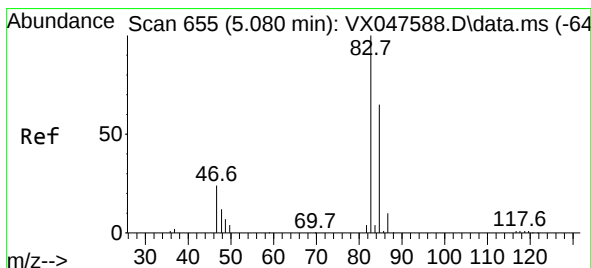
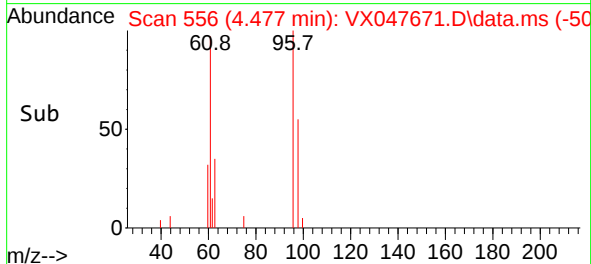
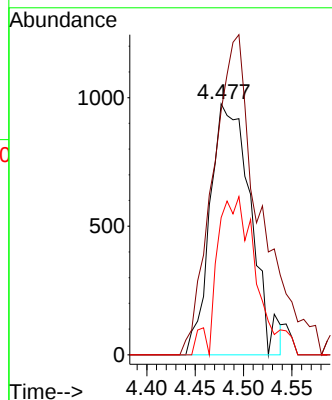
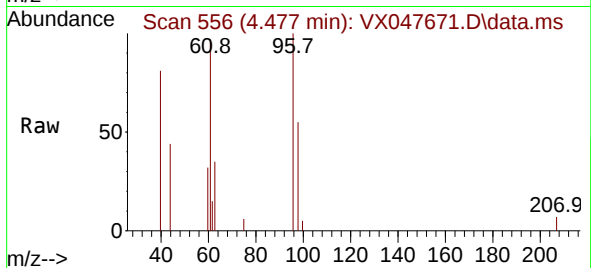
Tgt Ion: 96 Resp: 2848

Ion Ratio Lower Upper

96 100

61 147.3 0.0 303.2

98 61.3 0.0 127.8



#30

Chloroform

Concen: 0.433 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047671.D

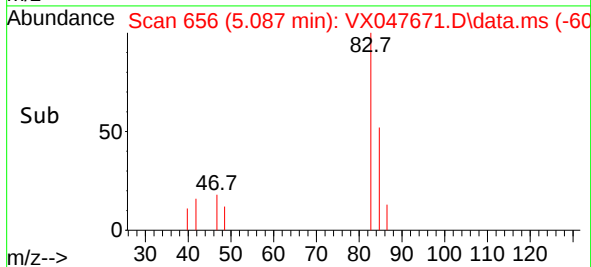
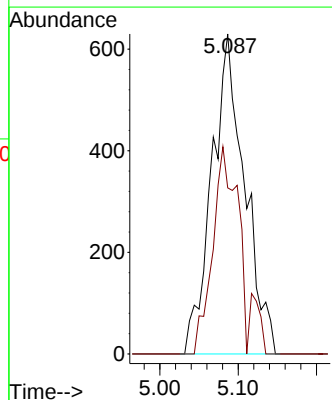
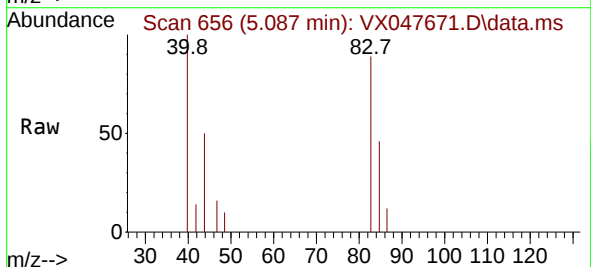
Acq: 19 Sep 2025 13:32

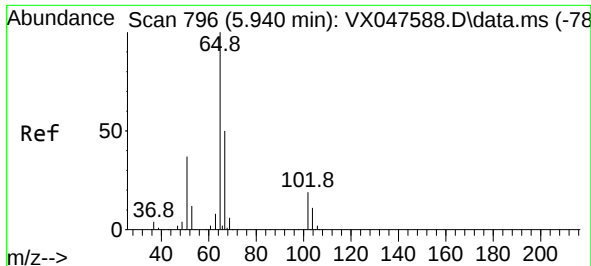
Tgt Ion: 83 Resp: 1834

Ion Ratio Lower Upper

83 100

85 51.9 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 56.705 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047671.D

Acq: 19 Sep 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

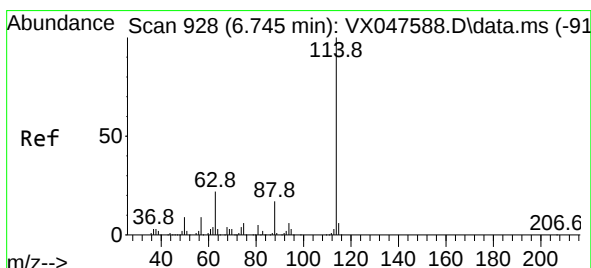
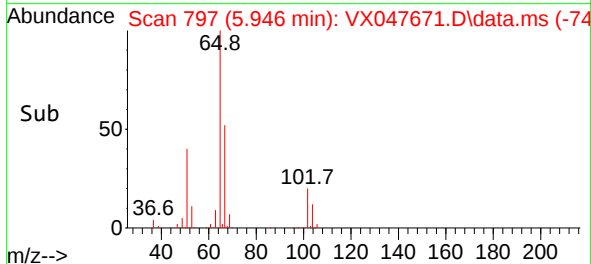
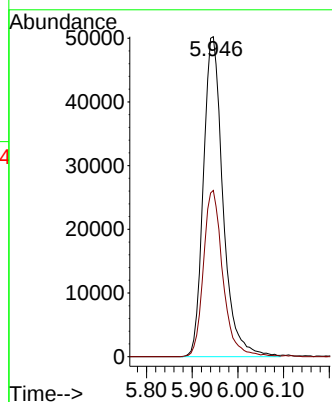
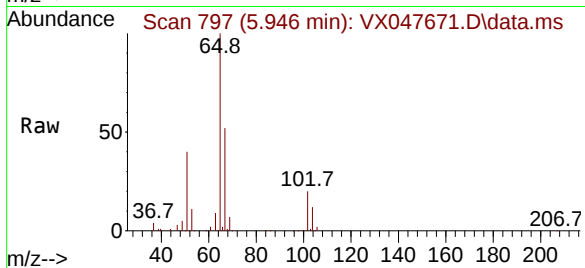
RE117D1-20250910

Tgt Ion: 65 Resp: 149884

Ion Ratio Lower Upper

65 100

67 51.5 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: VX047671.D

Acq: 19 Sep 2025 13:32

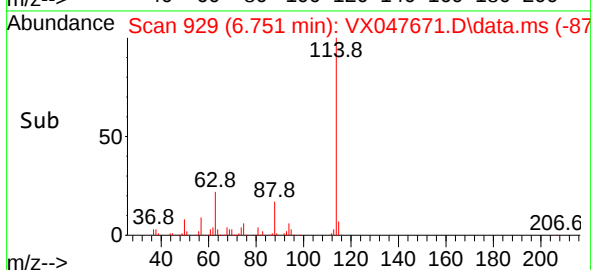
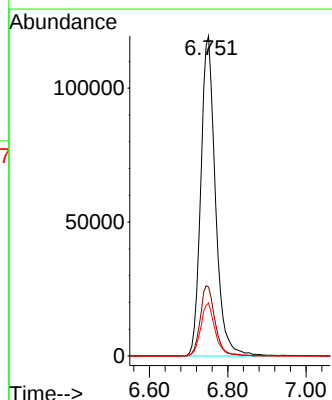
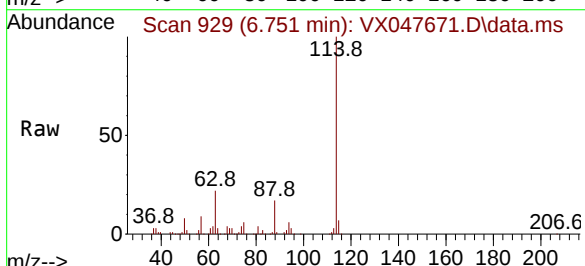
Tgt Ion: 114 Resp: 309930

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 53.478 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047671.D

Acq: 19 Sep 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250910

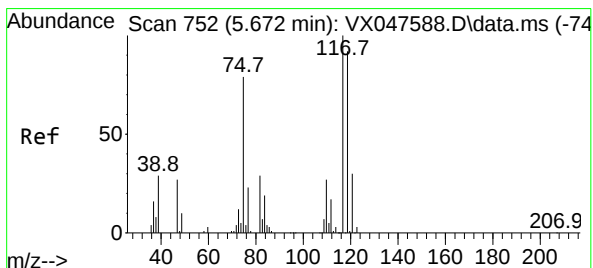
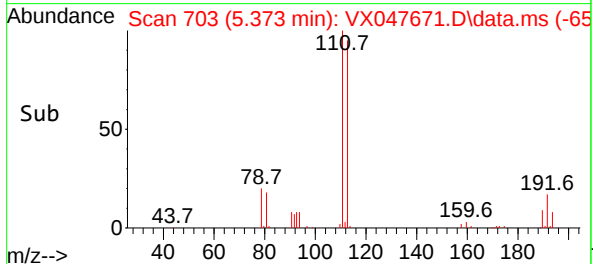
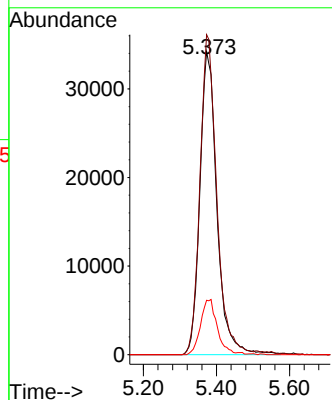
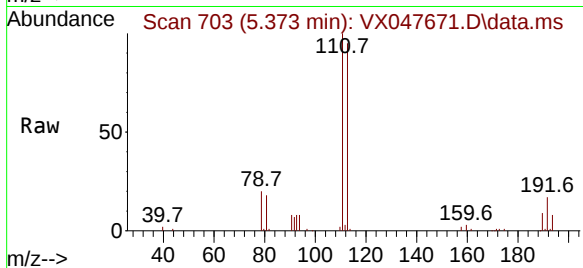
Tgt Ion:113 Resp: 111158

Ion Ratio Lower Upper

113 100

111 103.4 80.9 121.3

192 17.7 14.2 21.4



#38

Carbon Tetrachloride

Concen: 1.341 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX047671.D

Acq: 19 Sep 2025 13:32

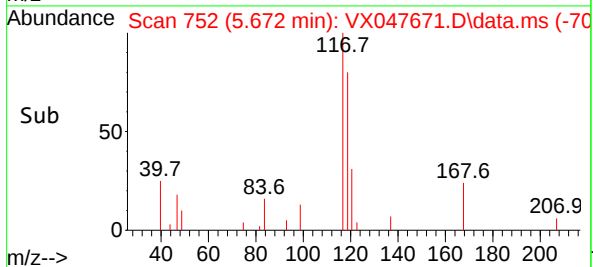
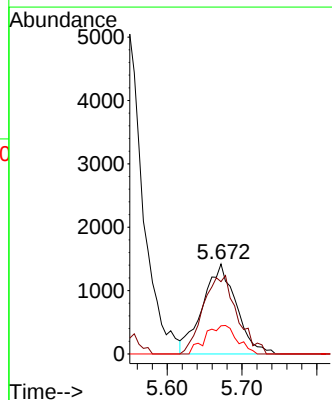
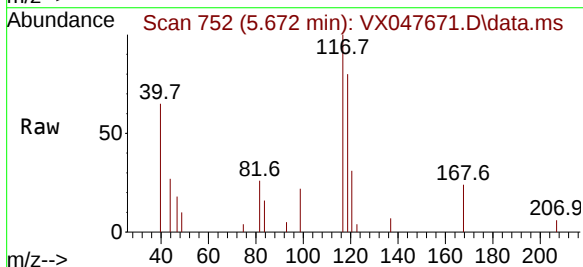
Tgt Ion:117 Resp: 4425

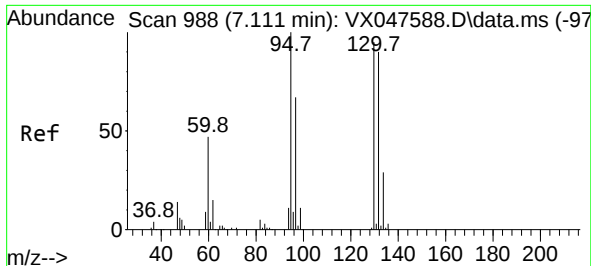
Ion Ratio Lower Upper

117 100

119 80.4 73.4 110.2

121 31.2 23.8 35.6

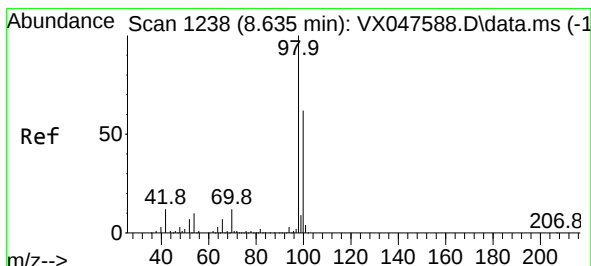
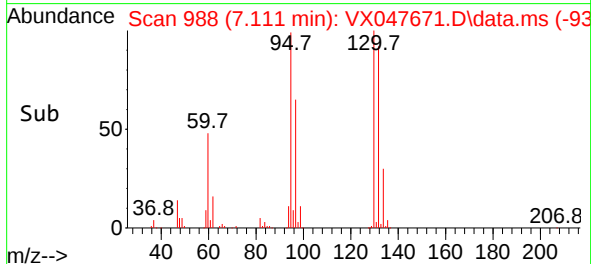
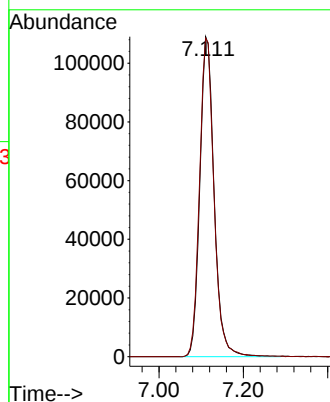
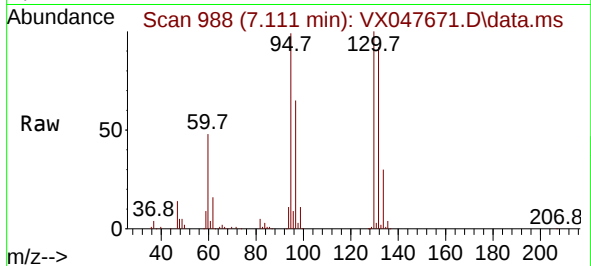




#44
Trichloroethene
Concen: 115.143 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

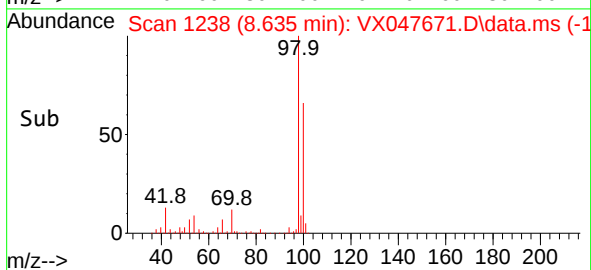
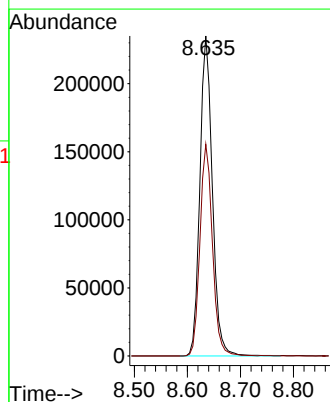
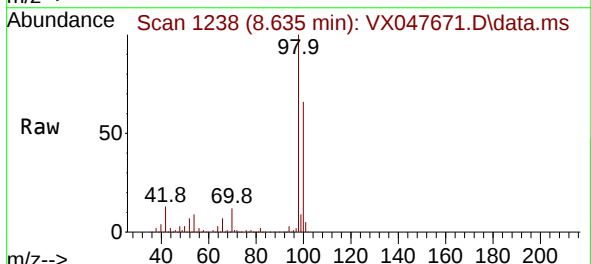
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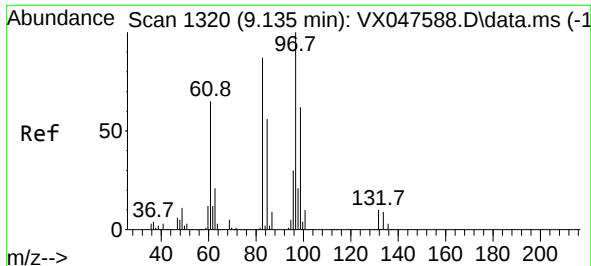
Tgt Ion:130 Resp: 256799
Ion Ratio Lower Upper
130 100
95 99.5 0.0 210.8



#50
Toluene-d8
Concen: 53.435 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

Tgt Ion: 98 Resp: 384319
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

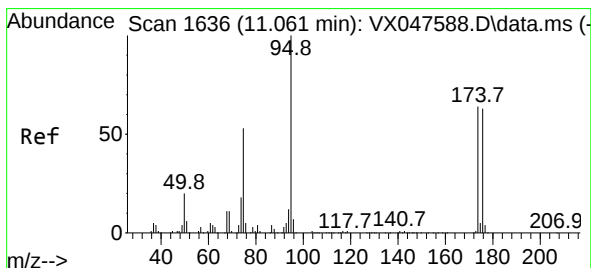
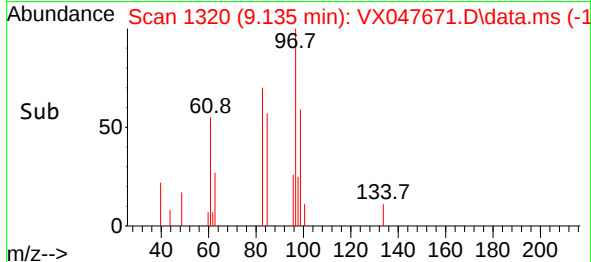
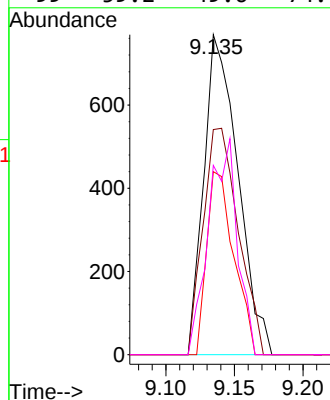
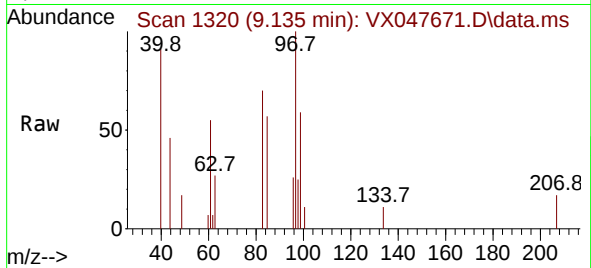




#55
1,1,2-Trichloroethane
Concen: 0.608 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

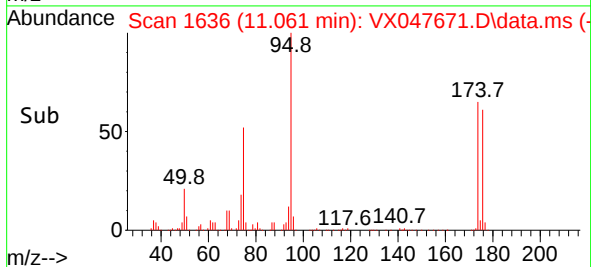
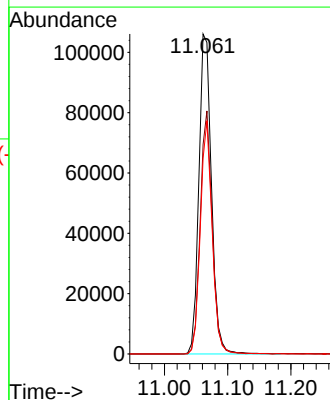
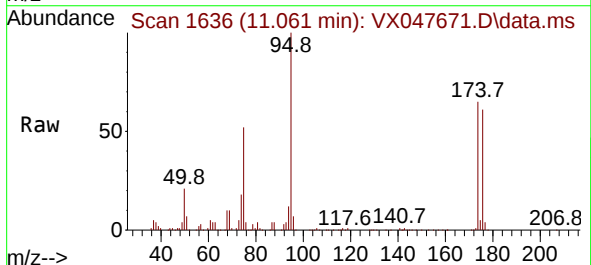
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20250910

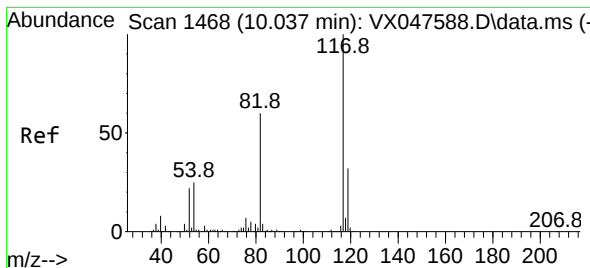
Tgt Ion:	97	Resp:	1332
Ion	Ratio	Lower	Upper
97	100		
83	70.4	69.6	104.4
85	57.2	45.0	67.6
99	59.2	49.6	74.4



#62
4-Bromofluorobenzene
Concen: 53.902 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047671.D
Acq: 19 Sep 2025 13:32

Tgt Ion:	95	Resp:	147130
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.6
176	68.6	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: VX047671.D

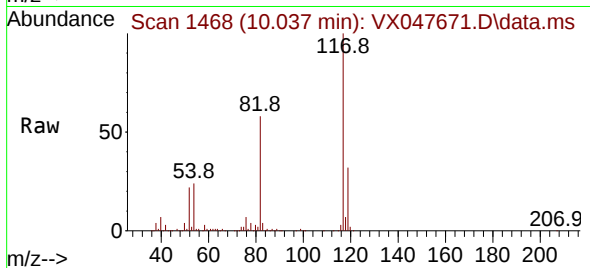
Acq: 19 Sep 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250910



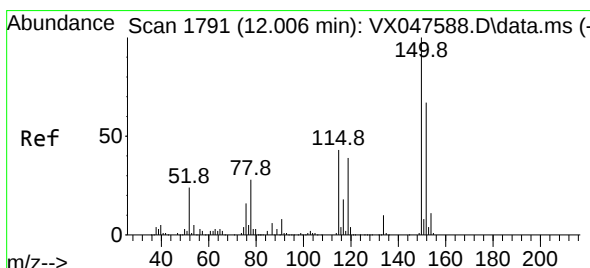
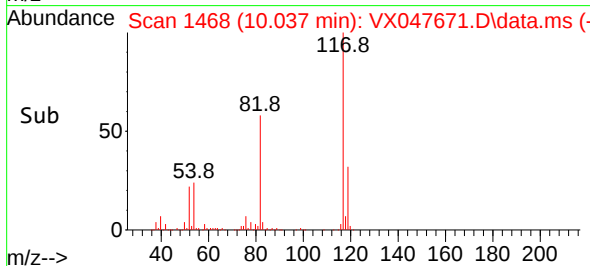
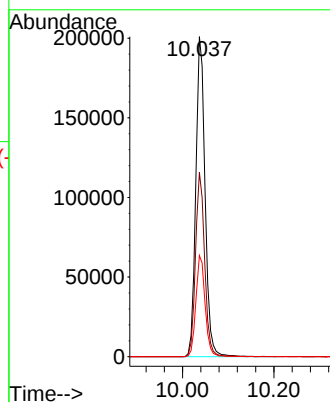
Tgt Ion:117 Resp: 283052

Ion Ratio Lower Upper

117 100

82 57.6 47.8 71.6

119 31.6 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047671.D

Acq: 19 Sep 2025 13:32

Tgt Ion:152 Resp: 136445

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 155.4 0.0 352.0

