

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047906.D
 Acq On : 30 Sep 2025 13:33
 Operator : JC/MD
 Sample : Q3156-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250918

Quant Time: Oct 01 01:09:19 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)

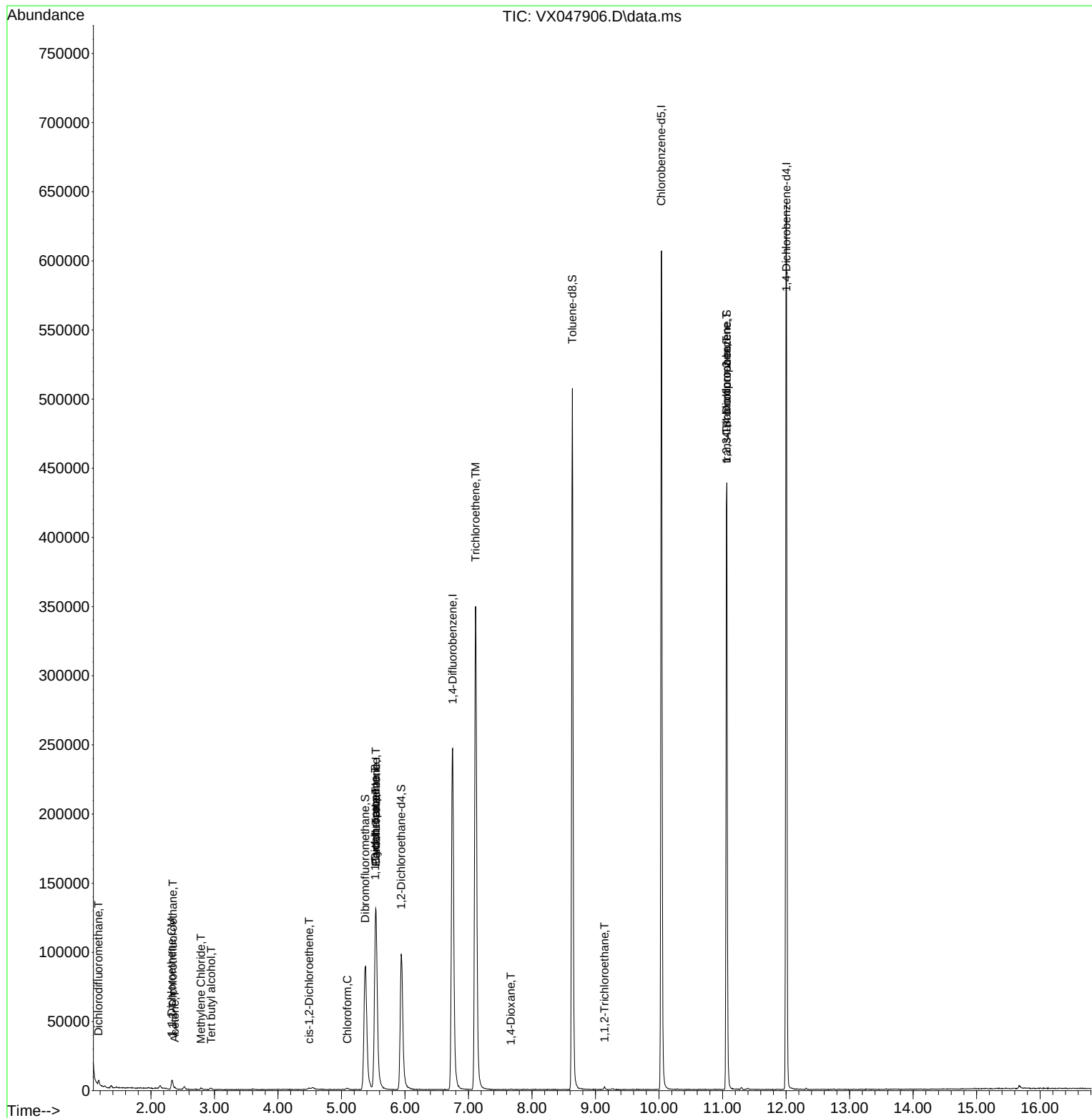
Internal Standards						
1) Pentafluorobenzene	5.544	168	132223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107330	50.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.000%	
35) Dibromofluoromethane	5.373	113	90038	49.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.820%	
50) Toluene-d8	8.635	98	307009	48.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	11.067	95	125812	52.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1763	1.288	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	2198	1.437	ug/l	95
11) Tert butyl alcohol	2.947	59	461	1.967	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	1021	0.650	ug/l #	71
16) Acetone	2.374	43	1562	1.707	ug/l #	78
20) Methylene Chloride	2.788	84	585	0.302	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	731	0.353	ug/l	92
30) Chloroform	5.093	83	1298	0.385	ug/l #	76
31) Cyclohexane	5.538	56	2814	1.012	ug/l #	6
36) 1,1-Dichloropropene	5.532	75	11391	4.278	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14534	5.023	ug/l #	19
44) Trichloroethene	7.111	130	146582	74.965	ug/l	98
49) 1,4-Dioxane	7.665	88	212	9.006	ug/l #	55
55) 1,1,2-Trichloroethane	9.141	97	594	0.309	ug/l	91
76) 1,2,3-Trichloropropane	11.061	75	66365	24.072	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	66365	61.387	ug/l #	8

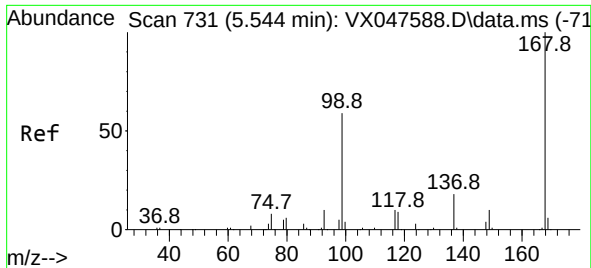
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 01:09:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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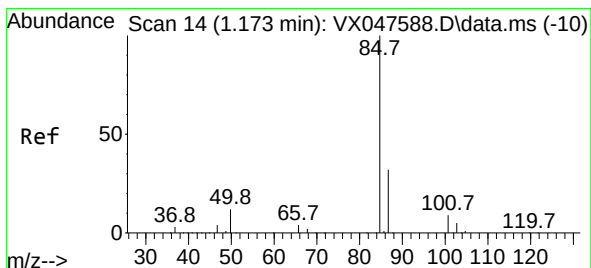
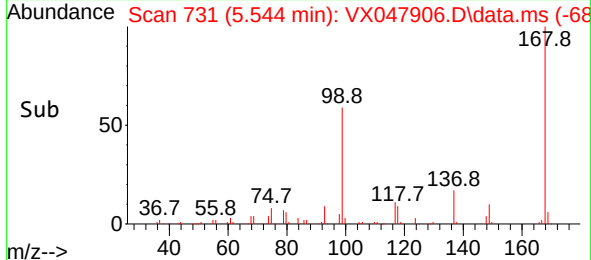
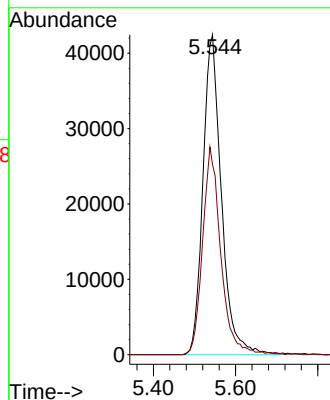
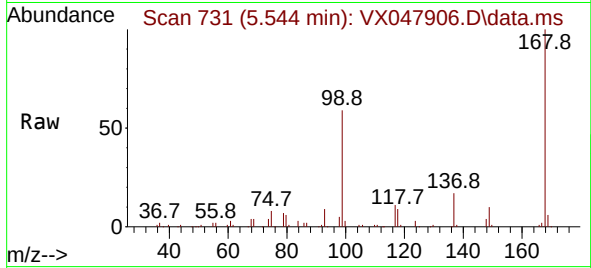




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

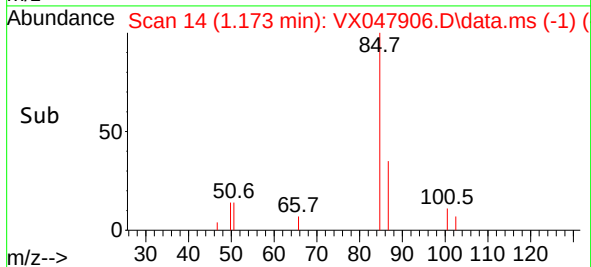
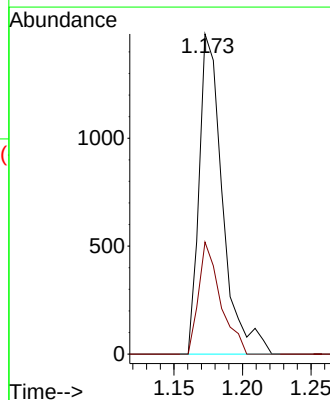
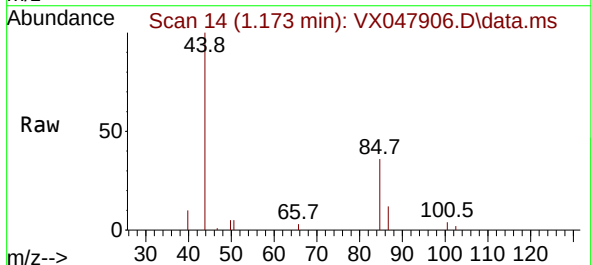
Instrument : MSVOA_X
ClientSampleId : TT180D1-20250918

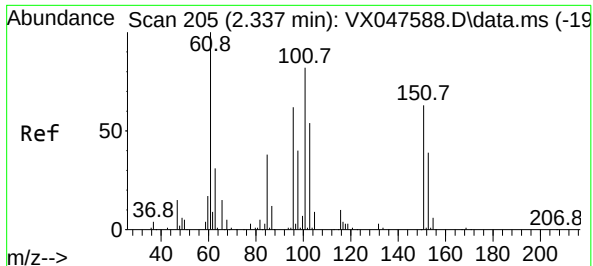
Tgt Ion:168 Resp: 132223
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 1.288 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion: 85 Resp: 1763
Ion Ratio Lower Upper
85 100
87 35.0 15.8 47.3

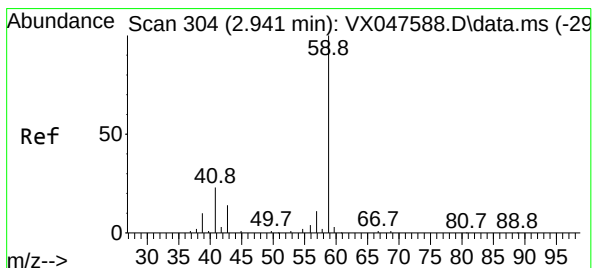
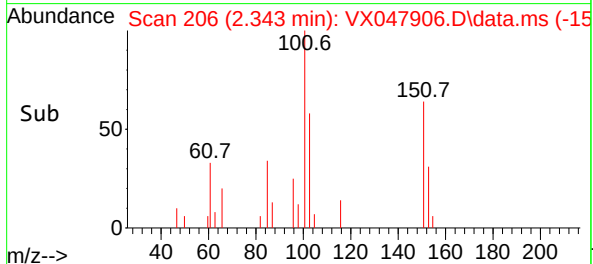
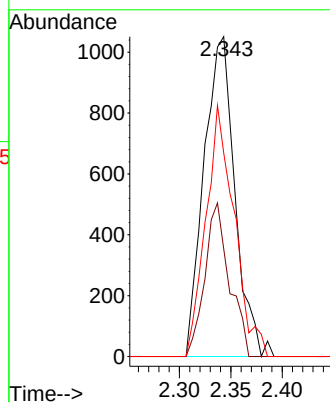
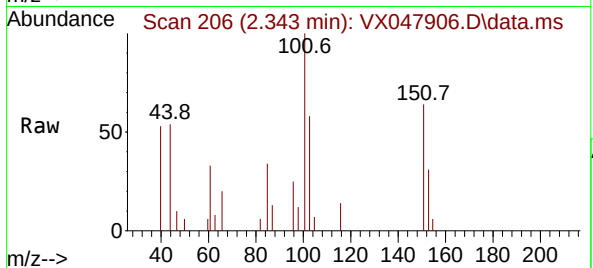




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.437 ug/l
RT: 2.343 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

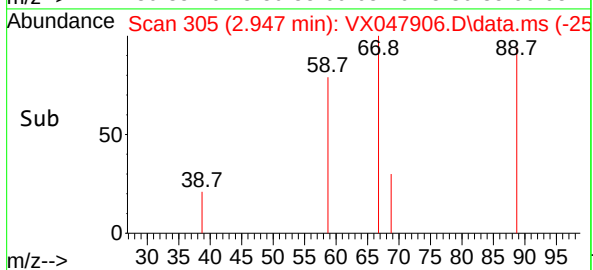
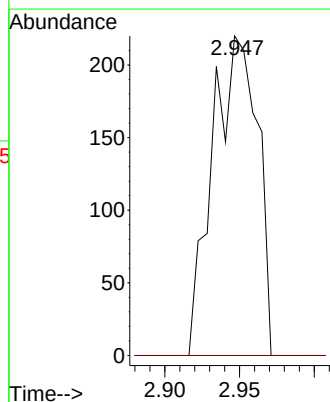
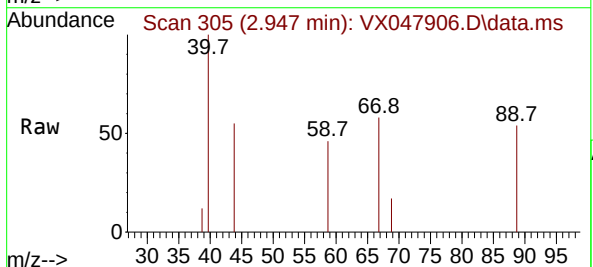
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

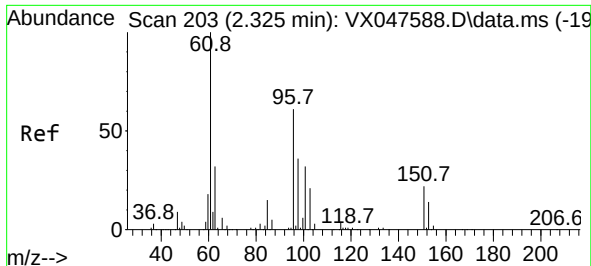
Tgt Ion:101 Resp: 2198
Ion Ratio Lower Upper
101 100
85 38.2 35.5 53.3
151 72.2 59.4 89.0



#11
Tert butyl alcohol
Concen: 1.967 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

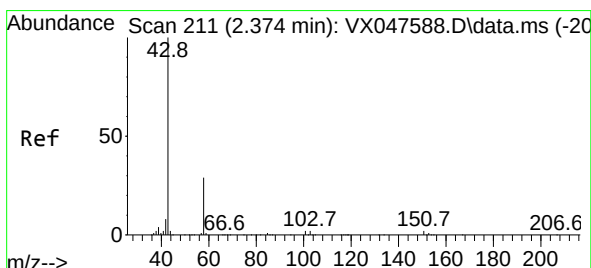
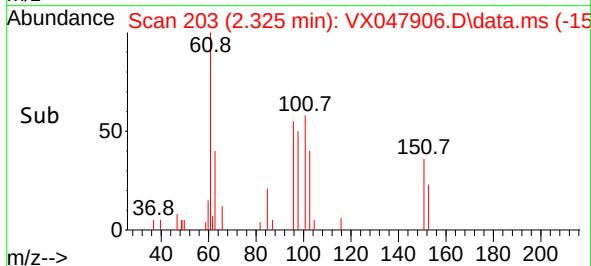
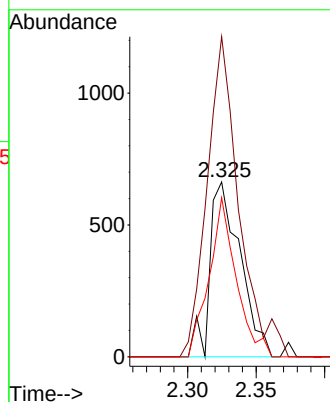
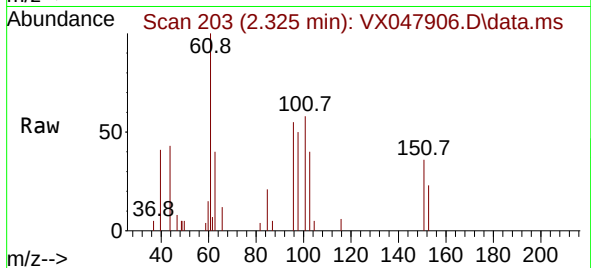




#12
1,1-Dichloroethene
Concen: 0.650 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

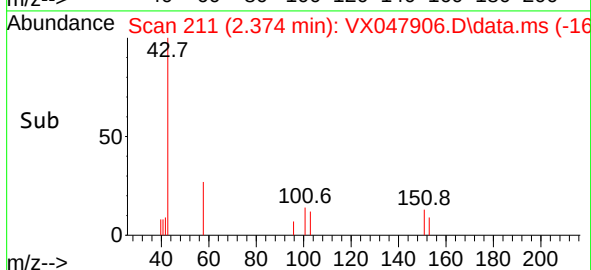
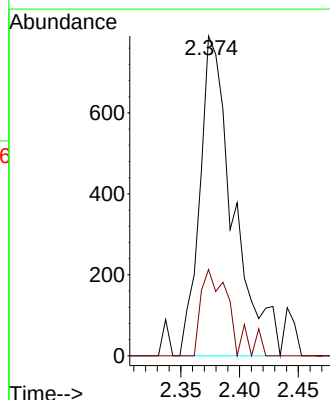
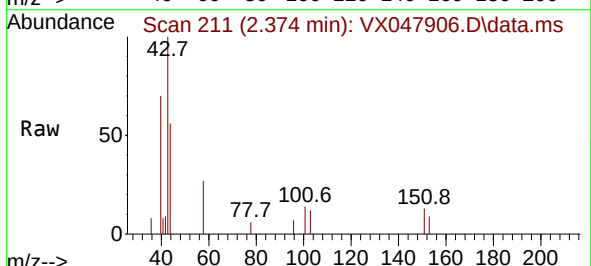
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

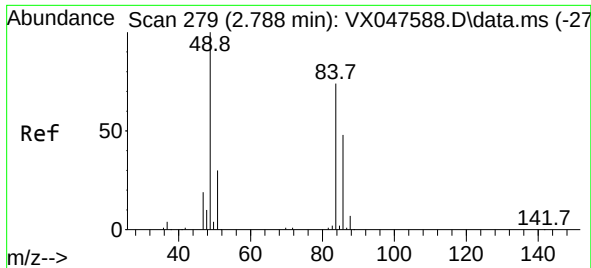
Tgt Ion: 96 Resp: 1021
Ion Ratio Lower Upper
96 100
61 196.1 131.0 196.6
98 91.0 47.7 71.5#



#16
Acetone
Concen: 1.707 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

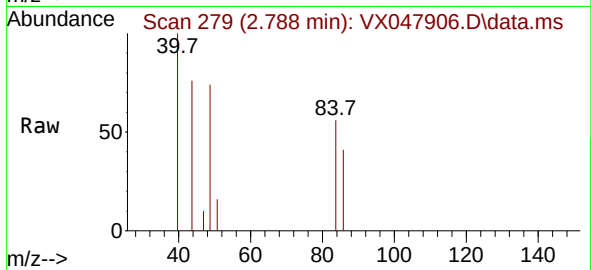
Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 17.3 23.4 35.0#



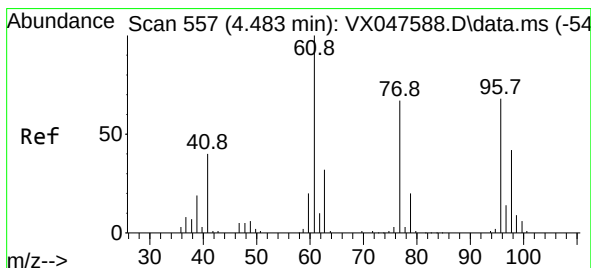
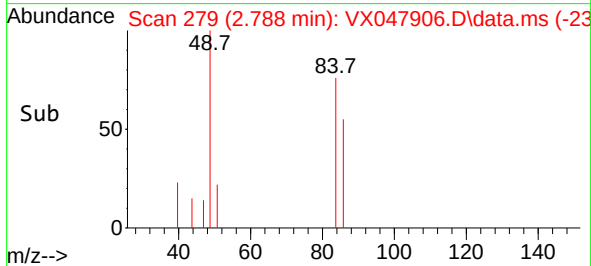
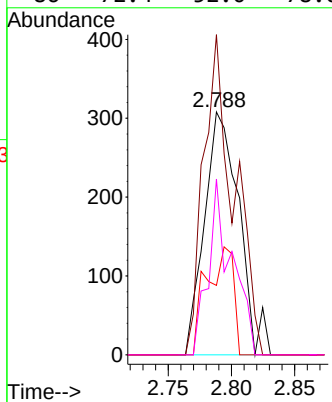


#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

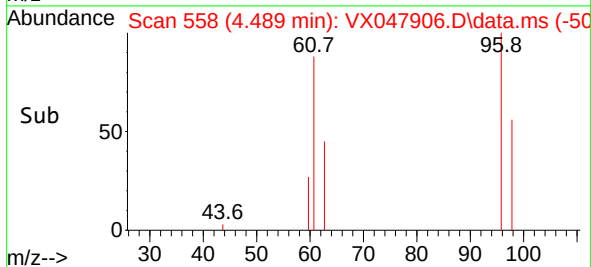
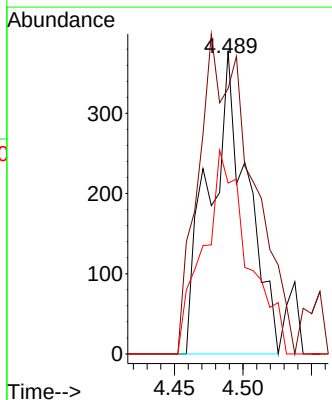
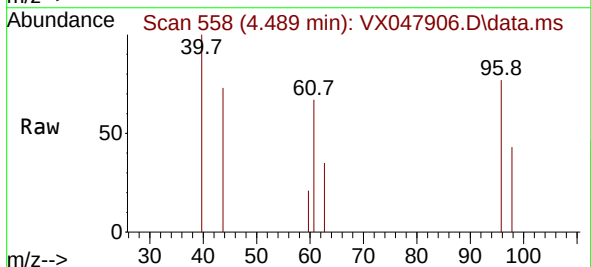


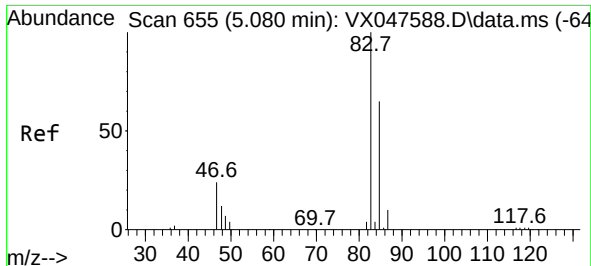
Tgt Ion: 84	Resp: 585
Ion Ratio	Lower Upper
84	100
49	131.8 108.6 162.8
51	28.6 32.6 48.8#
86	72.4 52.0 78.0



#27
cis-1,2-Dichloroethene
Concen: 0.353 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion: 96	Resp: 731
Ion Ratio	Lower Upper
96	100
61	147.6 0.0 303.2
98	78.4 0.0 127.8





#30

Chloroform

Concen: 0.385 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX047906.D

Acq: 30 Sep 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

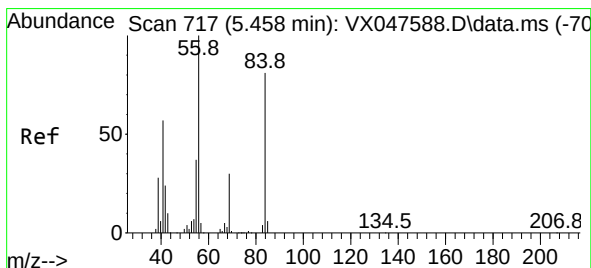
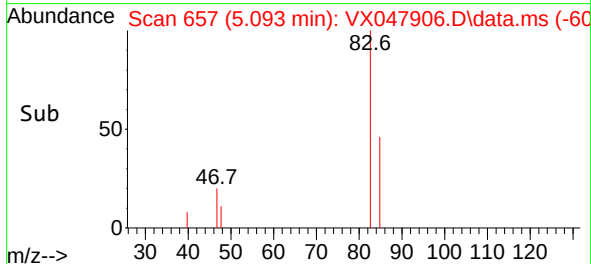
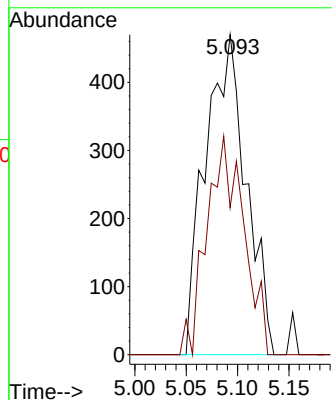
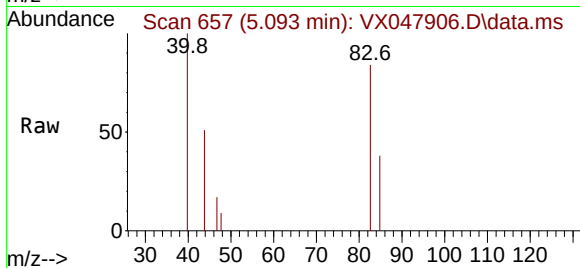
TT180D1-20250918

Tgt Ion: 83 Resp: 1298

Ion Ratio Lower Upper

83 100

85 46.0 51.8 77.6#



#31

Cyclohexane

Concen: 1.012 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX047906.D

Acq: 30 Sep 2025 13:33

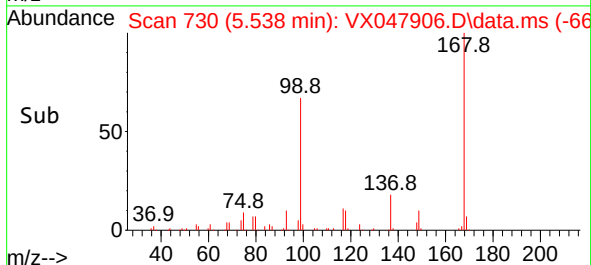
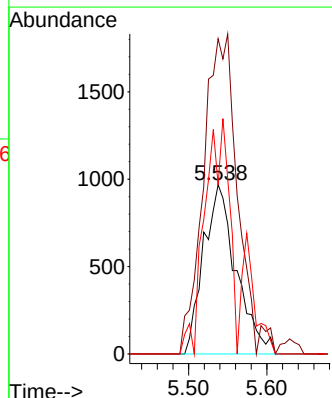
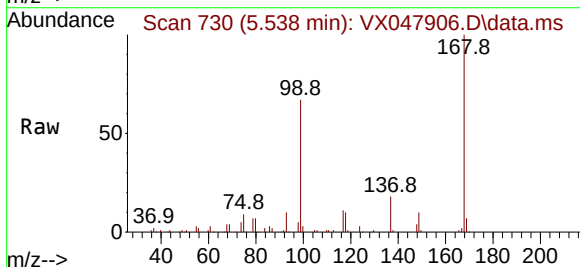
Tgt Ion: 56 Resp: 2814

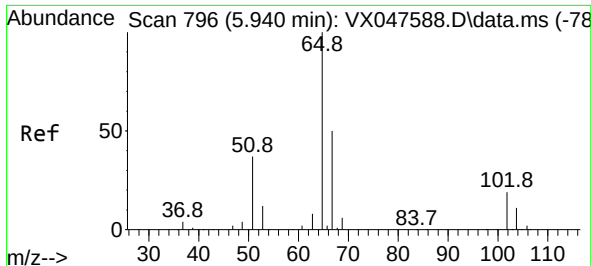
Ion Ratio Lower Upper

56 100

69 186.2 23.8 35.8#

84 99.9 64.6 97.0#

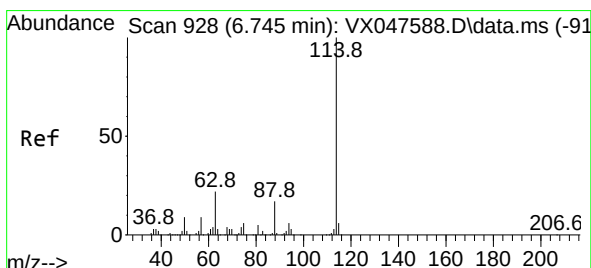
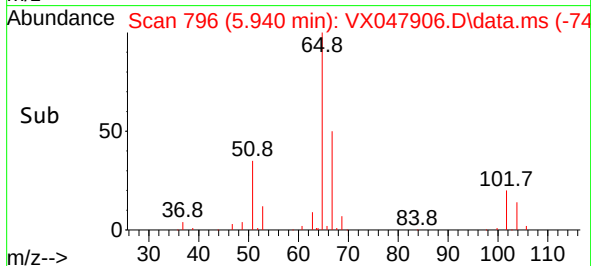
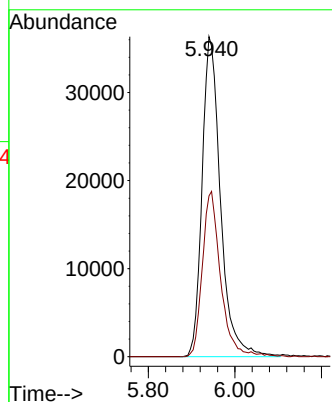
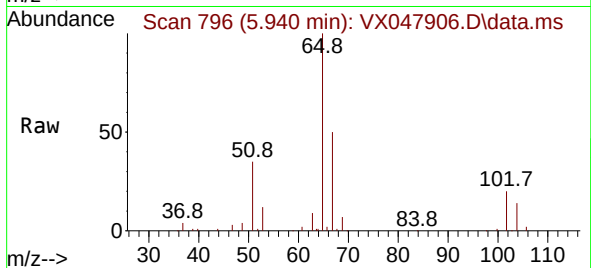




#33
 1,2-Dichloroethane-d4
 Concen: 50.996 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047906.D
 Acq: 30 Sep 2025 13:33

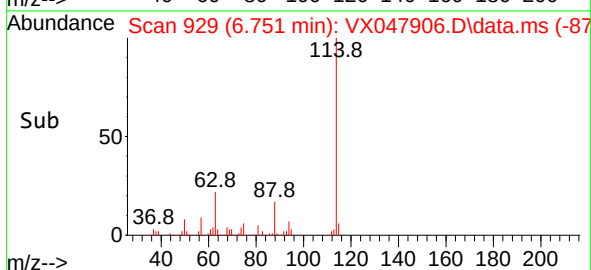
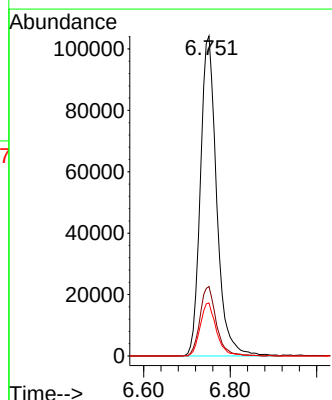
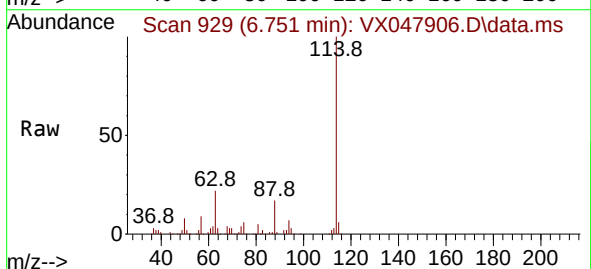
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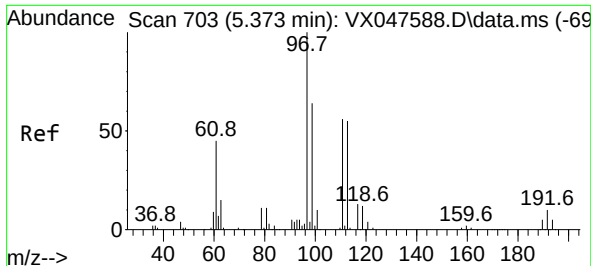
Tgt Ion: 65 Resp: 107330
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047906.D
 Acq: 30 Sep 2025 13:33

Tgt Ion: 114 Resp: 271727
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.0
 88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.408 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047906.D

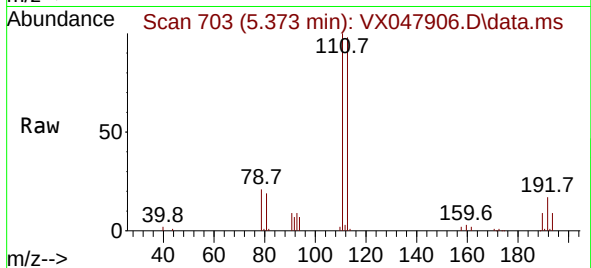
Acq: 30 Sep 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20250918



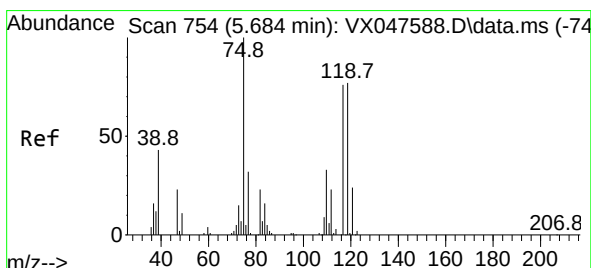
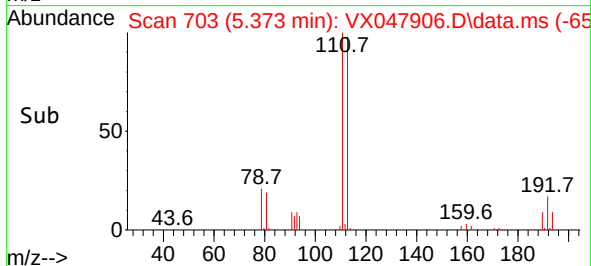
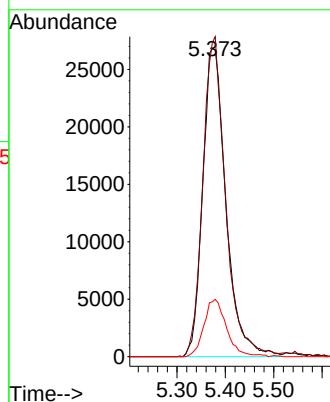
Tgt Ion:113 Resp: 90038

Ion Ratio Lower Upper

113 100

111 100.9 80.9 121.3

192 18.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.278 ug/l

RT: 5.532 min Scan# 729

Delta R.T. -0.152 min

Lab File: VX047906.D

Acq: 30 Sep 2025 13:33

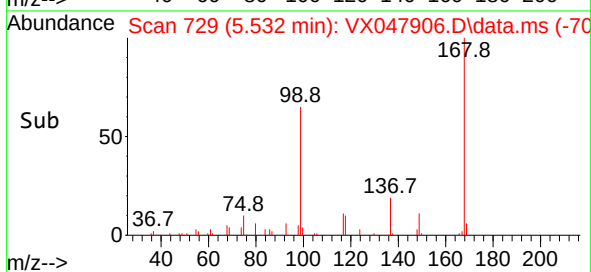
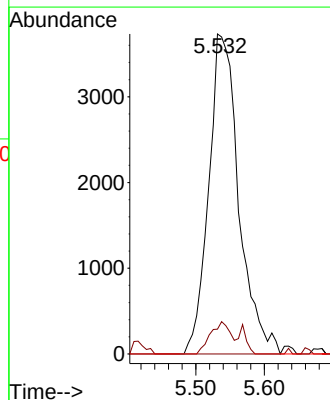
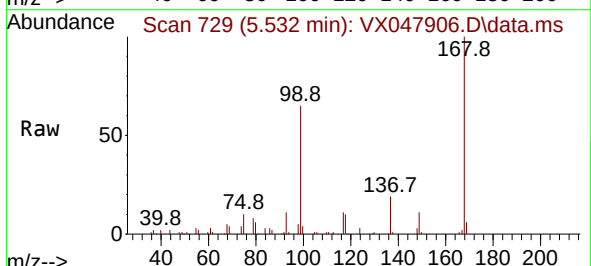
Tgt Ion: 75 Resp: 11391

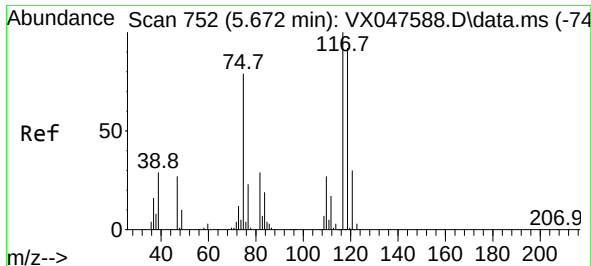
Ion Ratio Lower Upper

75 100

110 6.7 16.7 50.1#

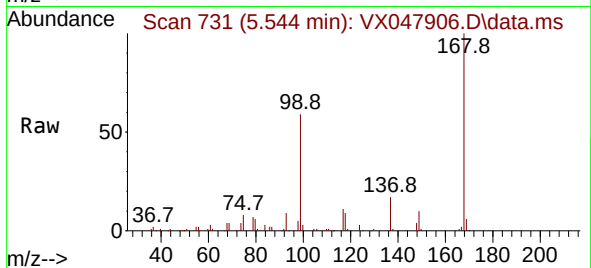
77 0.0 24.3 36.5#



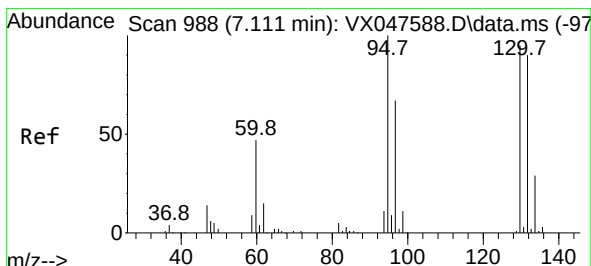
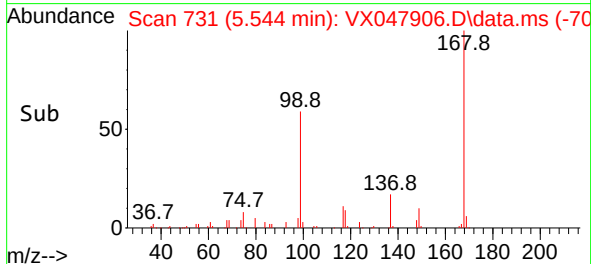
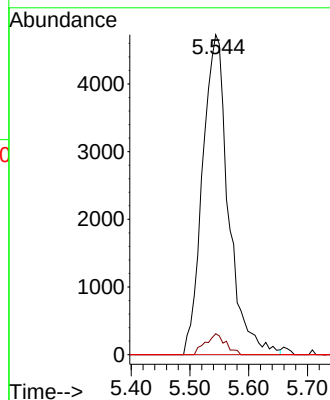


#38
Carbon Tetrachloride
Concen: 5.023 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

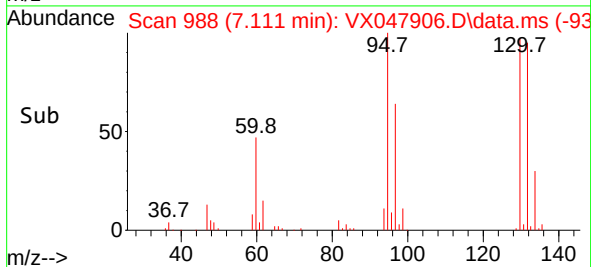
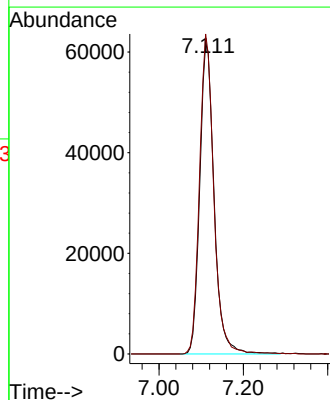
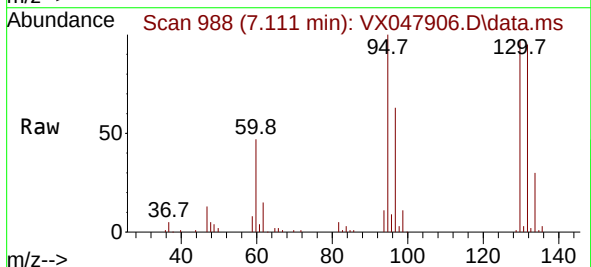


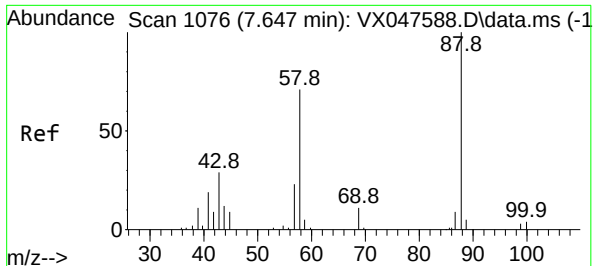
Tgt Ion:117 Resp: 14534
Ion Ratio Lower Upper
117 100
119 6.5 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 74.965 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion:130 Resp: 146582
Ion Ratio Lower Upper
130 100
95 103.0 0.0 210.8

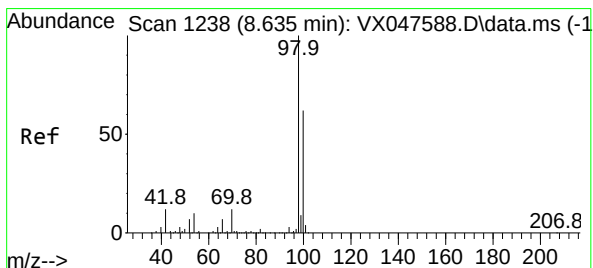
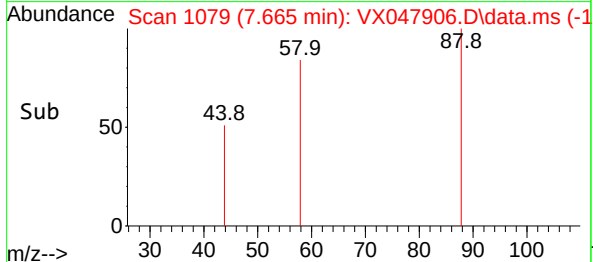
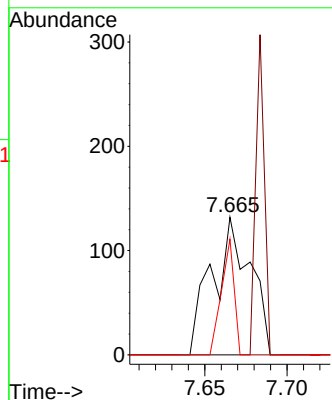
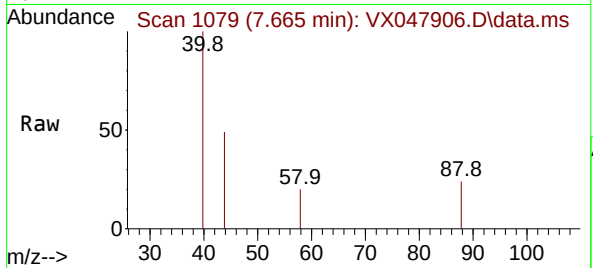




#49
 1,4-Dioxane
 Concen: 9.006 ug/l
 RT: 7.665 min Scan# 1079
 Delta R.T. 0.018 min
 Lab File: VX047906.D
 Acq: 30 Sep 2025 13:33

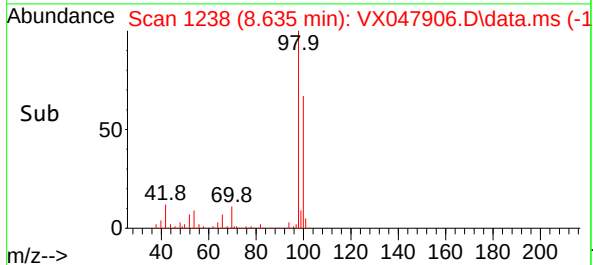
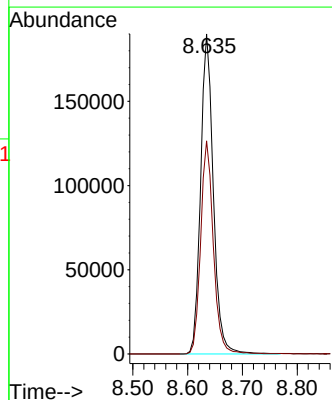
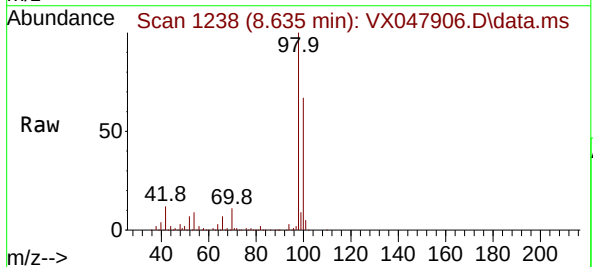
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250918

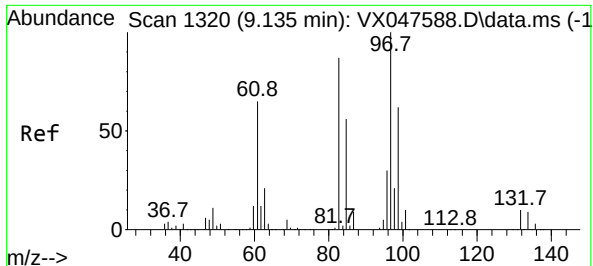
Tgt Ion: 88	Resp: 212
Ion Ratio	Lower Upper
88	100
43	52.8 30.2 45.2#
58	28.3 59.5 89.3#



#50
 Toluene-d8
 Concen: 48.688 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX047906.D
 Acq: 30 Sep 2025 13:33

Tgt Ion: 98	Resp: 307009
Ion Ratio	Lower Upper
98	100
100	66.4 53.0 79.4





#55

1,1,2-Trichloroethane

Concen: 0.309 ug/l

RT: 9.141 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047906.D

Acq: 30 Sep 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20250918

Tgt Ion: 97 Resp: 594

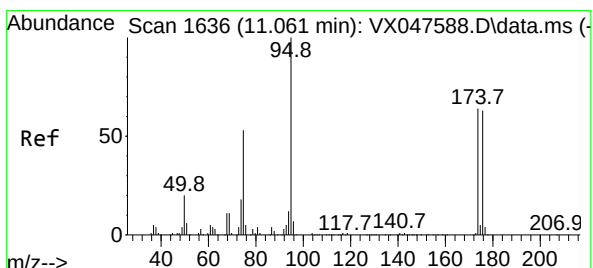
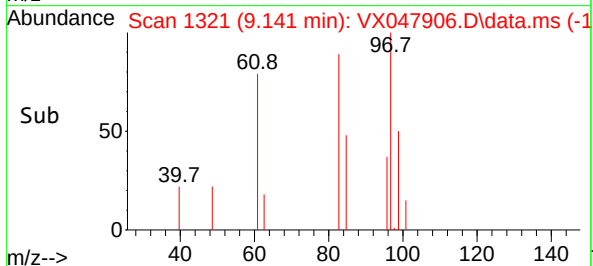
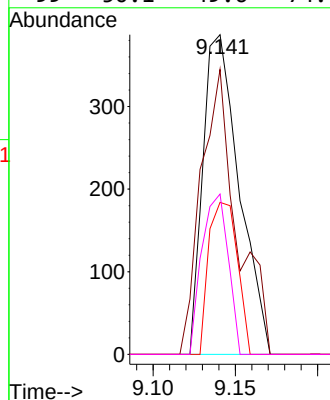
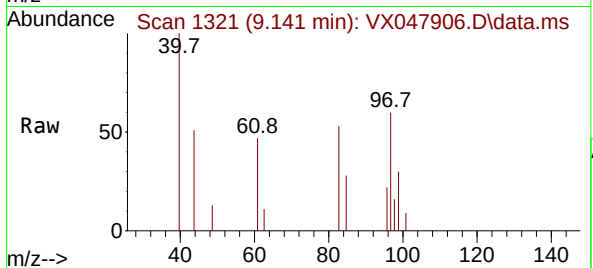
Ion Ratio Lower Upper

97 100

83 89.1 69.6 104.4

85 47.5 45.0 67.6

99 50.1 49.6 74.4



#62

4-Bromofluorobenzene

Concen: 52.572 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047906.D

Acq: 30 Sep 2025 13:33

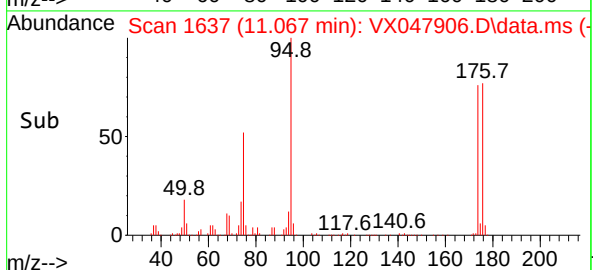
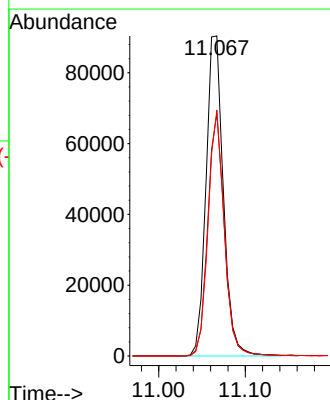
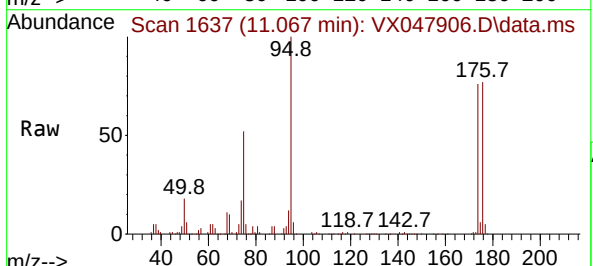
Tgt Ion: 95 Resp: 125812

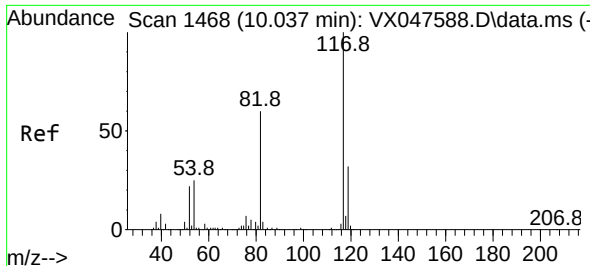
Ion Ratio Lower Upper

95 100

174 72.6 0.0 141.6

176 71.4 0.0 138.4

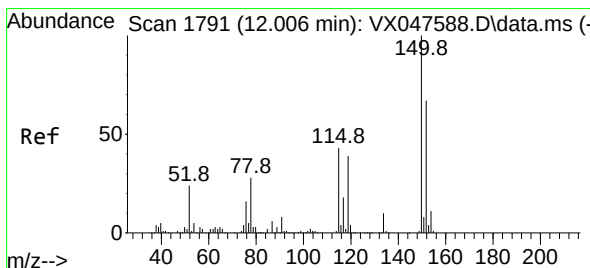
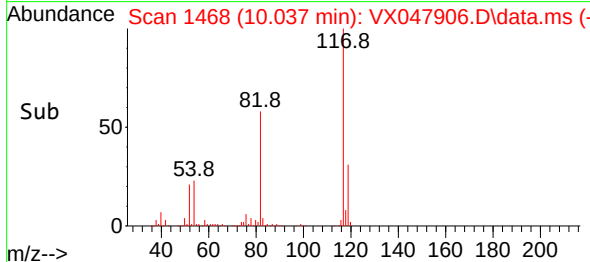
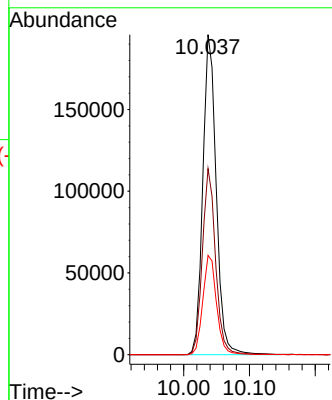
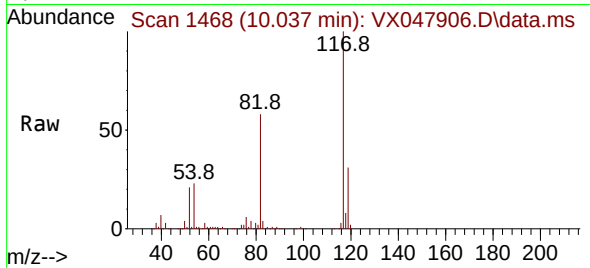




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

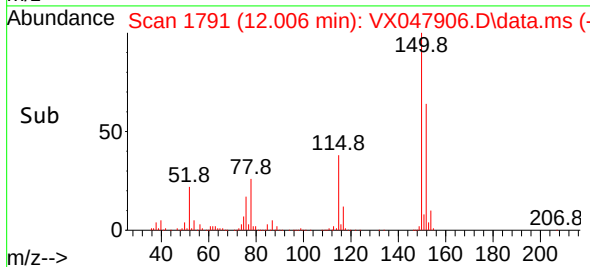
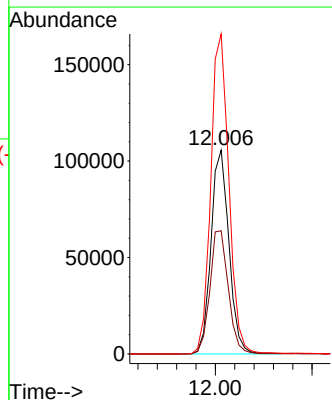
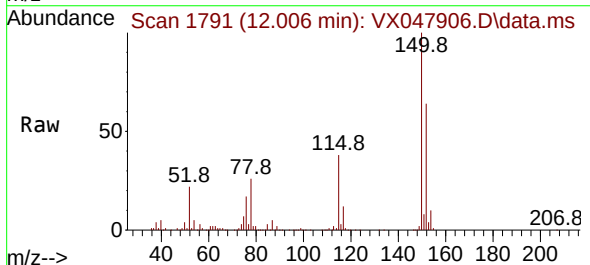
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

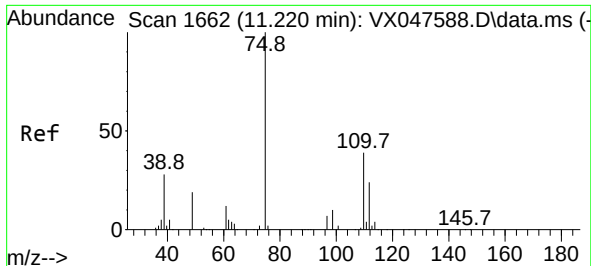
Tgt Ion:117 Resp: 277527
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion:152 Resp: 136165
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 158.5 0.0 352.0

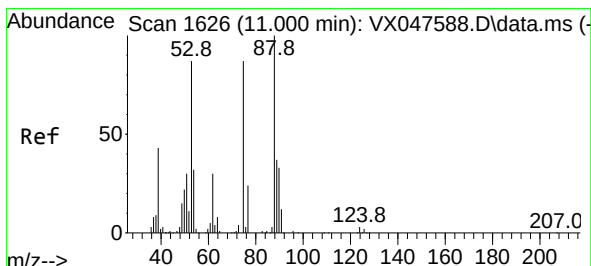
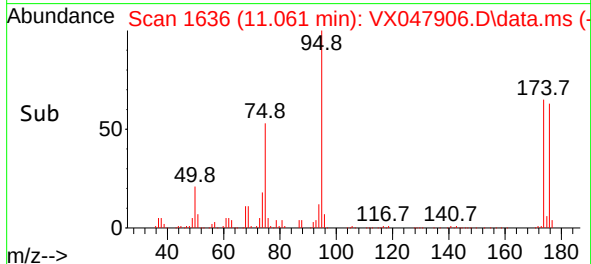
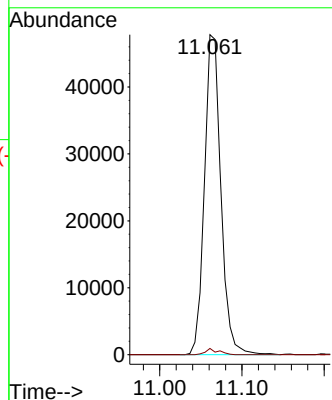
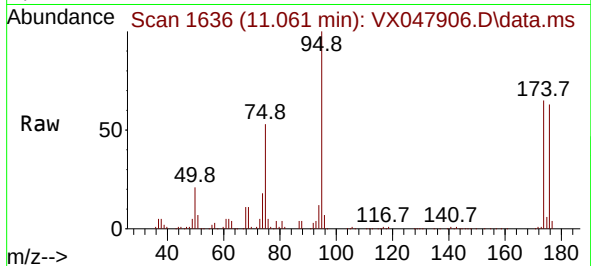




#76
1,2,3-Trichloropropane
Concen: 24.072 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

Tgt Ion: 75 Resp: 66365
Ion Ratio Lower Upper
75 100
77 1.5 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.387 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047906.D
Acq: 30 Sep 2025 13:33

Tgt Ion: 75 Resp: 66365
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

