

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048854.D
 Acq On : 12 Dec 2025 14:58
 Operator : JC/MD
 Sample : Q3835-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-7-121025

Quant Time: Dec 12 22:13:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

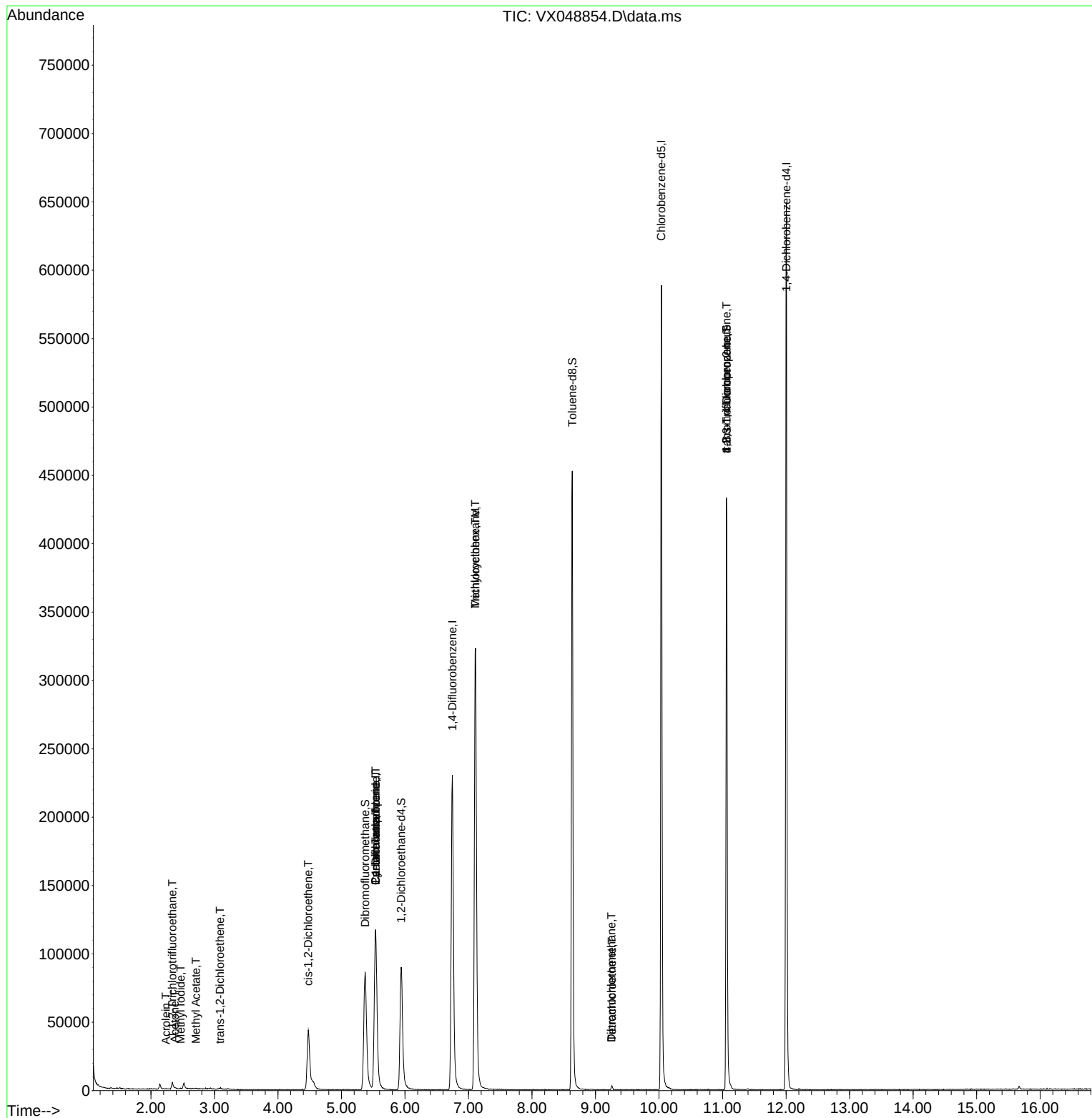
Internal Standards						
1) Pentafluorobenzene	5.537	168	121695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97896	59.935	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.860%#
35) Dibromofluoromethane	5.373	113	85740	49.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.634	98	287523	47.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.620%
62) 4-Bromofluorobenzene	11.061	95	124757	59.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.060%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1967	1.421	ug/l	92
10) Methyl Iodide	2.465	142	439	0.223	ug/l #	91
13) Acrolein	2.233	56	20	40.243	ug/l #	15
16) Acetone	2.373	43	1704	2.725	ug/l #	71
18) Methyl Acetate	2.709	43	517	0.294	ug/l #	51
21) trans-1,2-Dichloroethene	3.087	96	342	0.237	ug/l #	73
27) cis-1,2-Dichloroethene	4.477	96	31372	19.276	ug/l	96
31) Cyclohexane	5.537	56	2419	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	9620	4.051	ug/l #	49
38) Carbon Tetrachloride	5.537	117	12210	4.539	ug/l #	14
39) Methylcyclohexane	7.104	83	1780	0.634	ug/l #	1
44) Trichloroethene	7.104	130	142565	77.611	ug/l	100
60) Dibromochloromethane	9.250	129	594	0.281	ug/l #	11
64) Tetrachloroethene	9.256	164	668	0.328	ug/l #	79
76) 1,2,3-Trichloropropane	11.061	75	61954	22.943	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	61954	54.500	ug/l #	3
95) Naphthalene	13.774	128	76	Below Cal	#	69

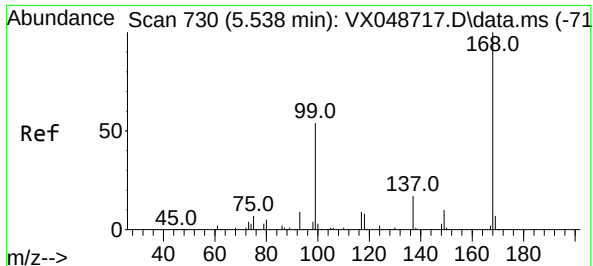
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048854.D
Acq On : 12 Dec 2025 14:58
Operator : JC/MD
Sample : Q3835-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

Quant Time: Dec 12 22:13:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

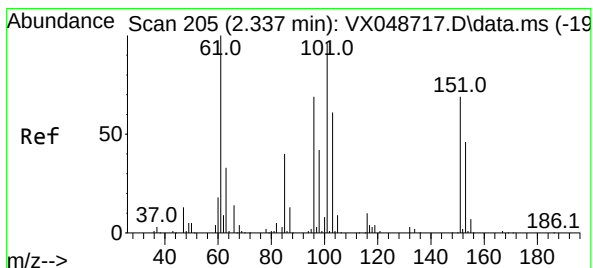
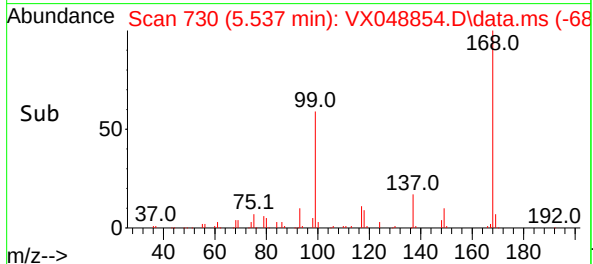
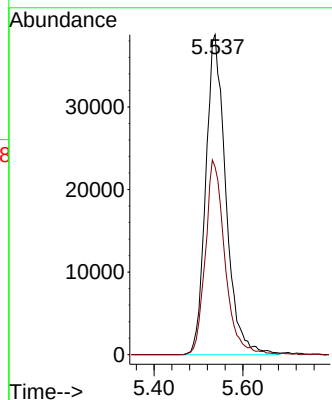
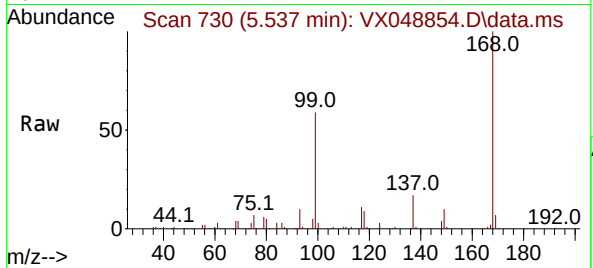




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

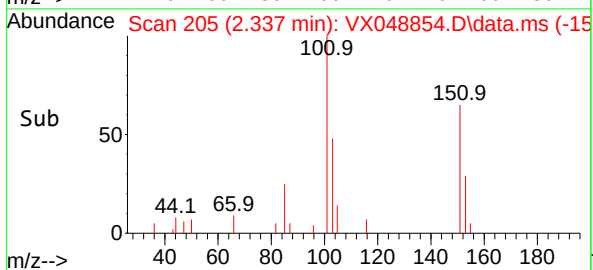
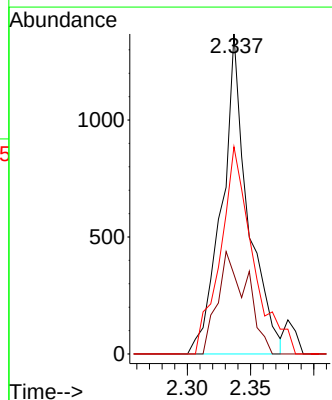
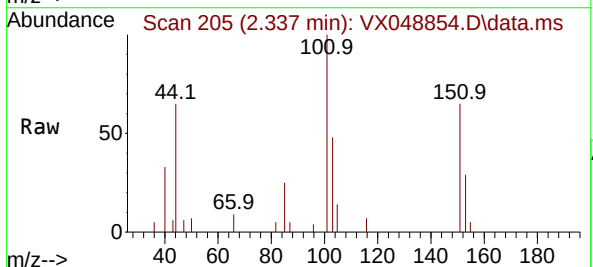
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

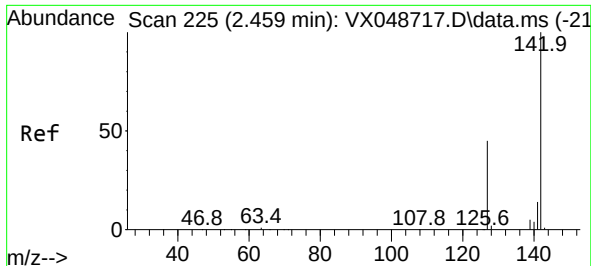
Tgt Ion:168 Resp: 121695
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.421 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:101 Resp: 1967
Ion Ratio Lower Upper
101 100
85 36.1 34.2 51.2
151 80.5 60.2 90.4

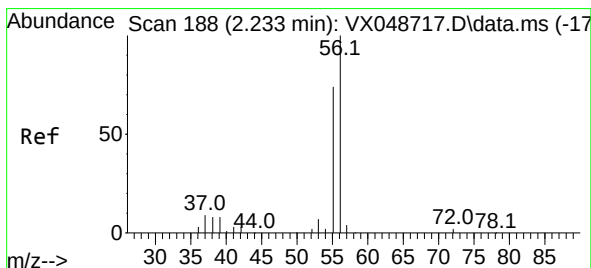
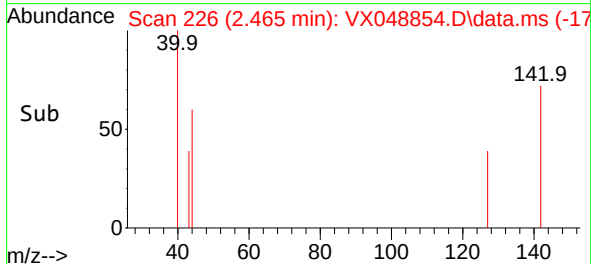
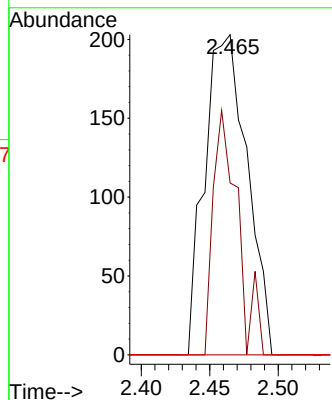
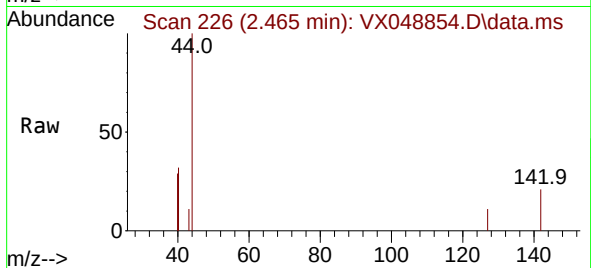




#10
Methyl Iodide
Concen: 0.223 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

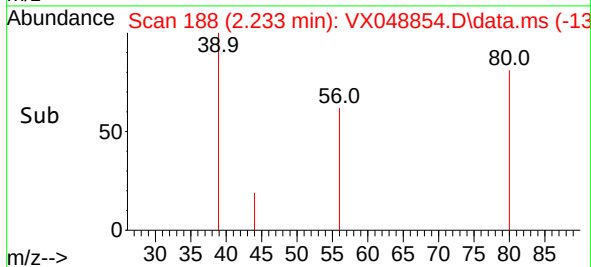
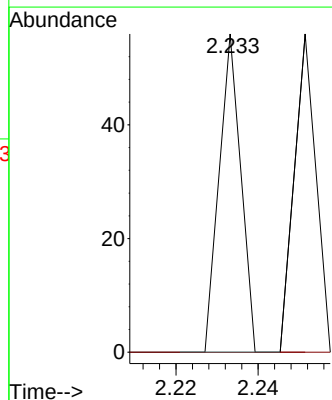
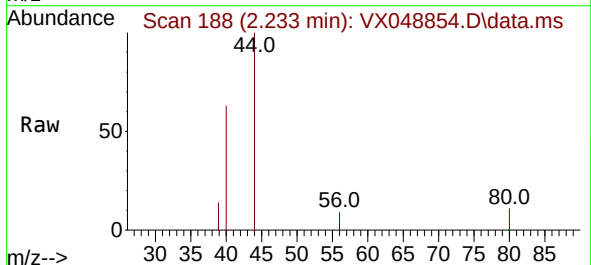
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

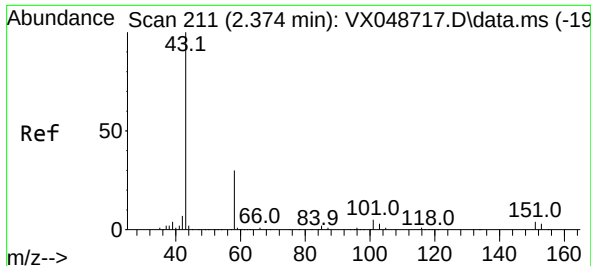
Tgt Ion:142 Resp: 439
Ion Ratio Lower Upper
142 100
127 44.0 35.8 53.6
141 0.0 11.1 16.7#



#13
Acrolein
Concen: 40.243 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#

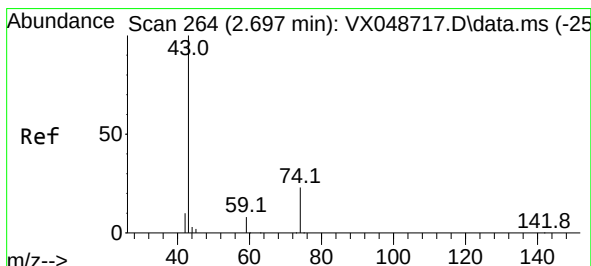
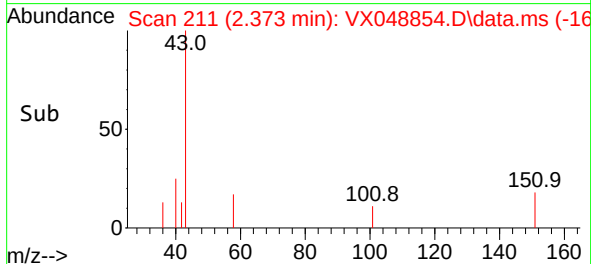
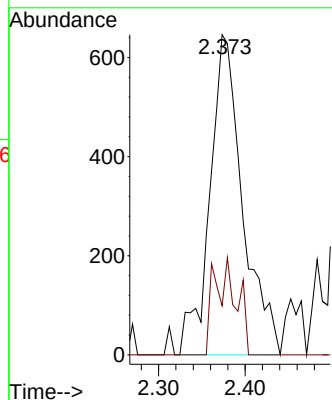
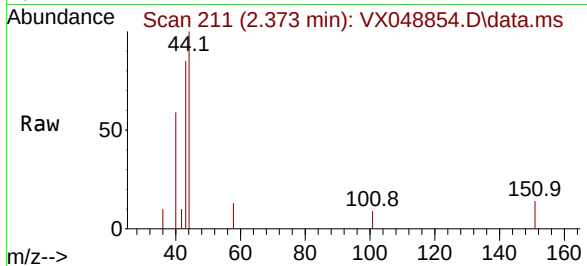




#16
Acetone
Concen: 2.725 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

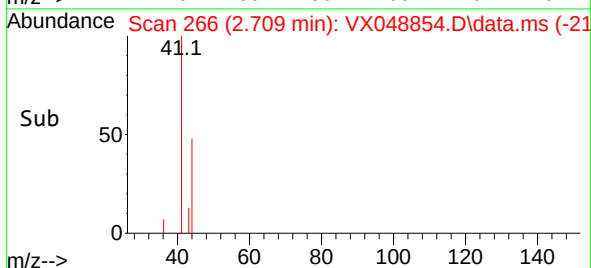
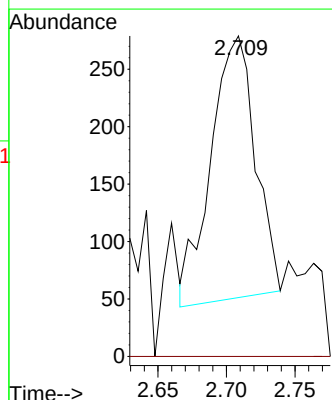
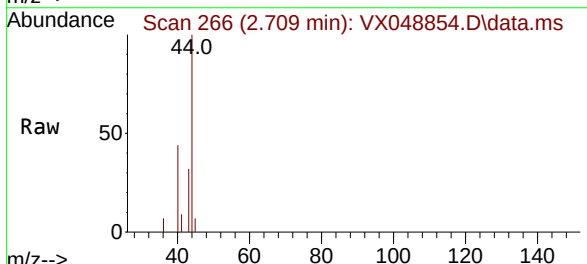
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

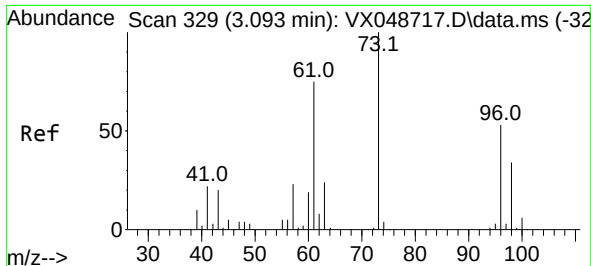
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 15.3 25.0 37.4#



#18
Methyl Acetate
Concen: 0.294 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

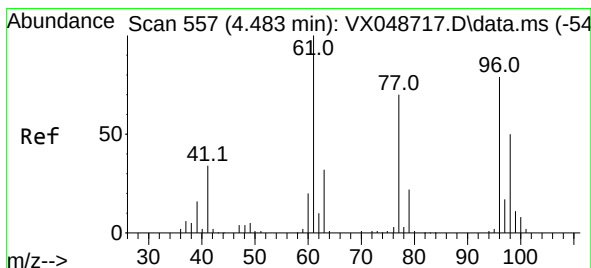
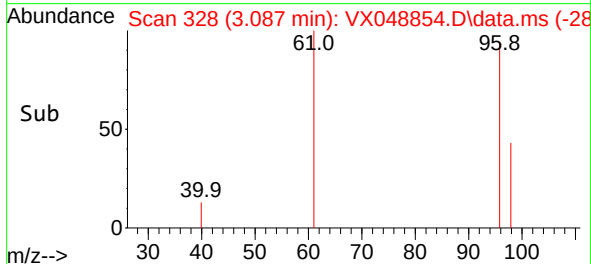
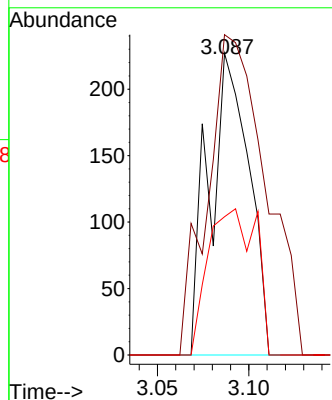
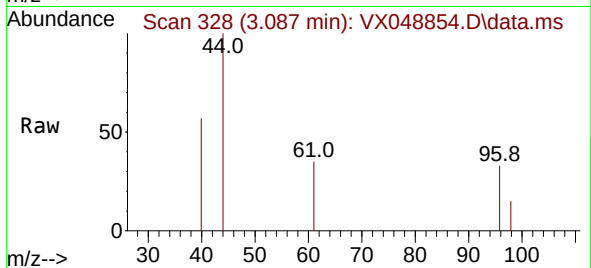




#21
trans-1,2-Dichloroethene
Concen: 0.237 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

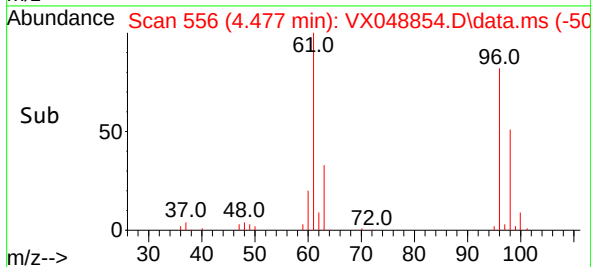
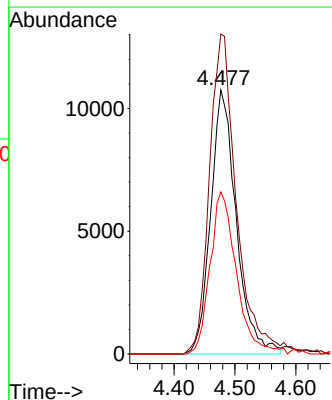
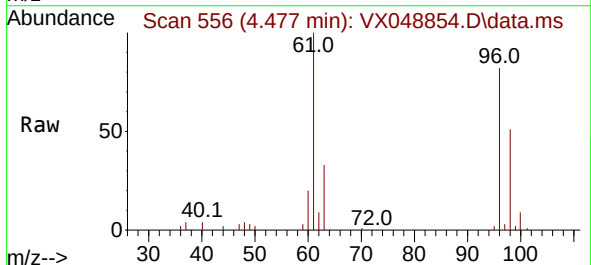
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

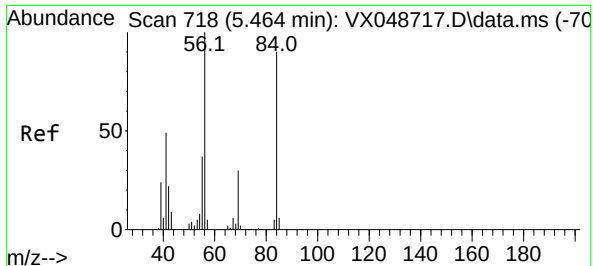
Tgt Ion: 96 Resp: 342
Ion Ratio Lower Upper
96 100
61 106.2 112.8 169.2#
98 45.8 51.0 76.4#



#27
cis-1,2-Dichloroethene
Concen: 19.276 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 96 Resp: 31372
Ion Ratio Lower Upper
96 100
61 129.1 0.0 271.0
98 63.2 0.0 130.2

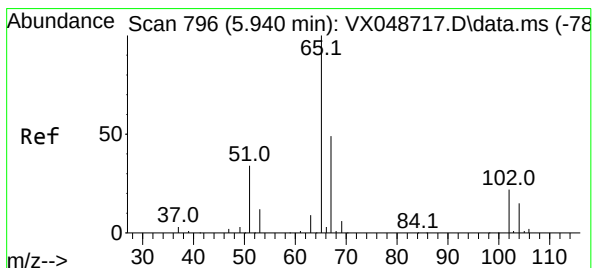
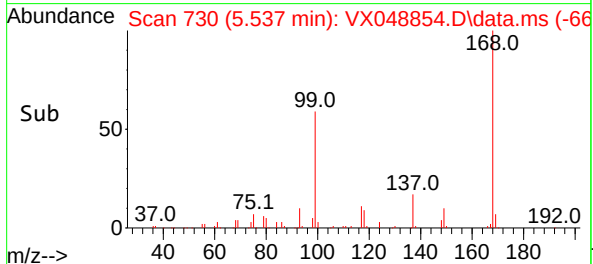
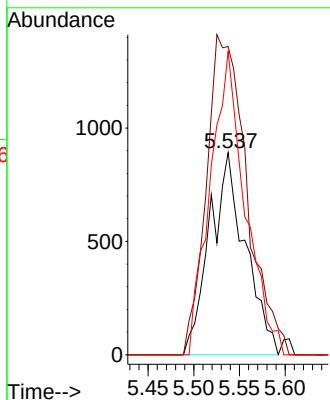
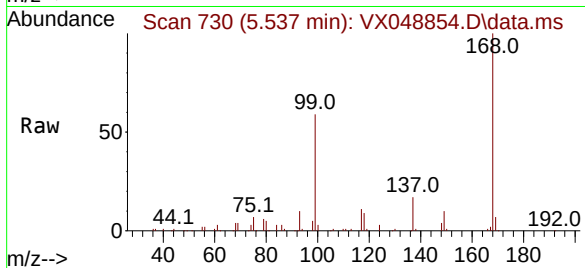




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

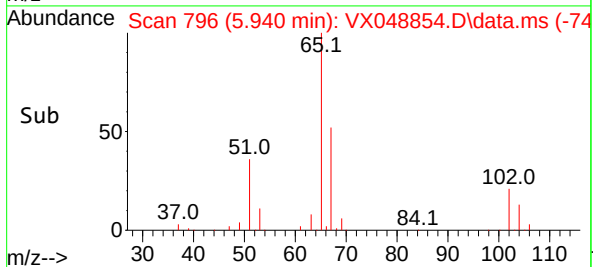
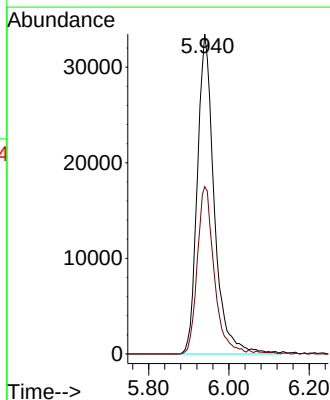
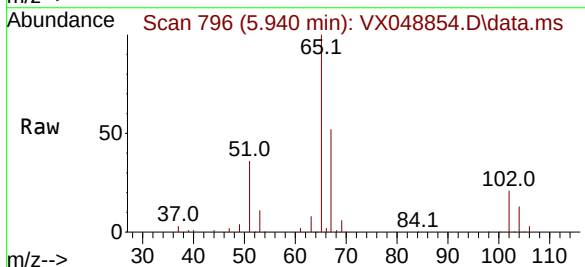
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

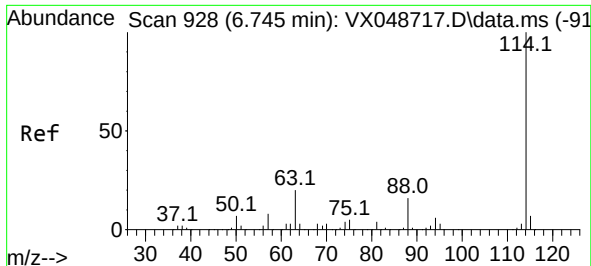
Tgt Ion: 56 Resp: 2419
Ion Ratio Lower Upper
56 100
69 152.5 24.2 36.2#
84 150.0 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 59.935 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 65 Resp: 97896
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX048854.D

Acq: 12 Dec 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

MW-01-7-121025

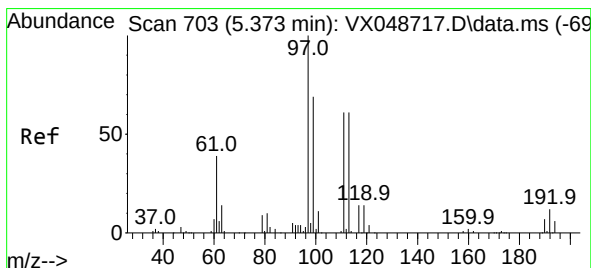
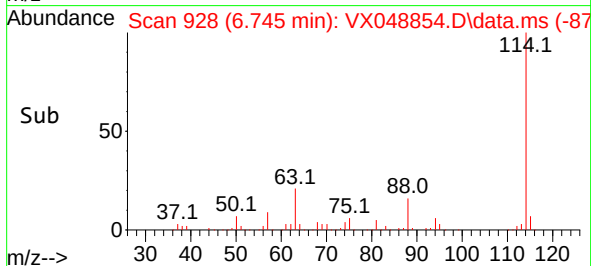
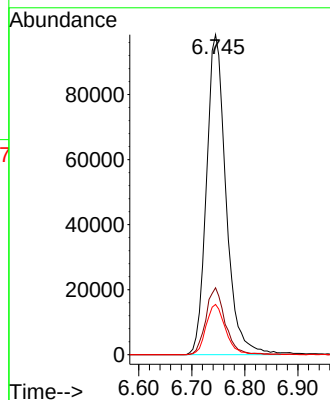
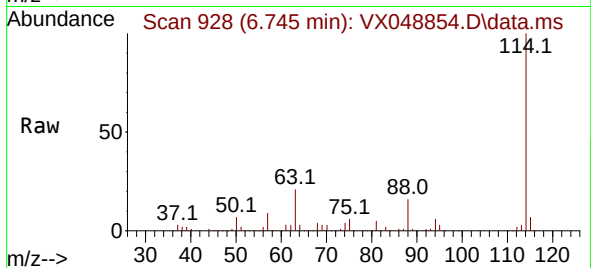
Tgt Ion:114 Resp: 251822

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.449 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048854.D

Acq: 12 Dec 2025 14:58

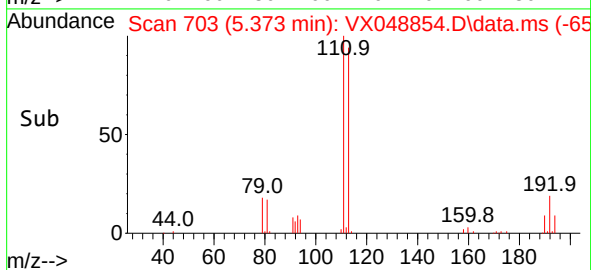
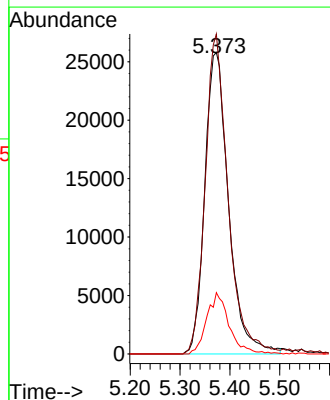
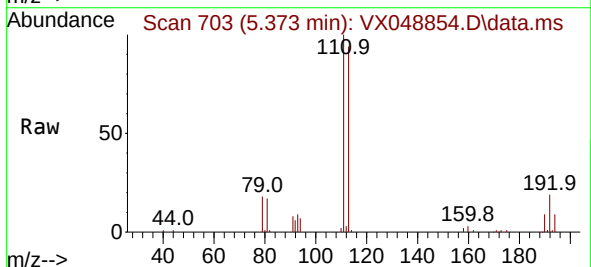
Tgt Ion:113 Resp: 85740

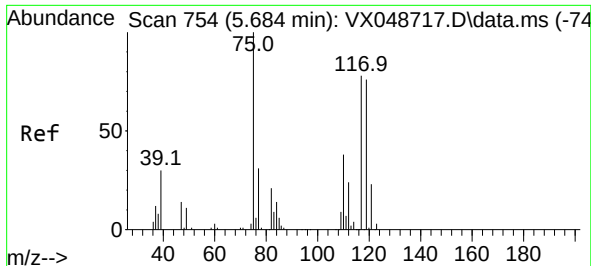
Ion Ratio Lower Upper

113 100

111 101.8 79.5 119.3

192 19.2 16.1 24.1

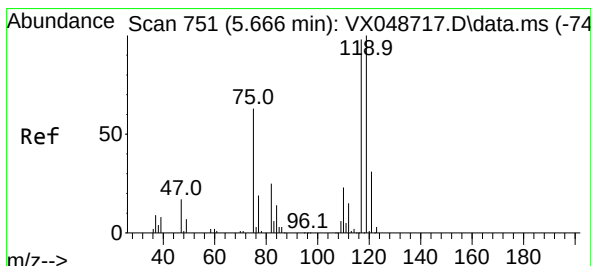
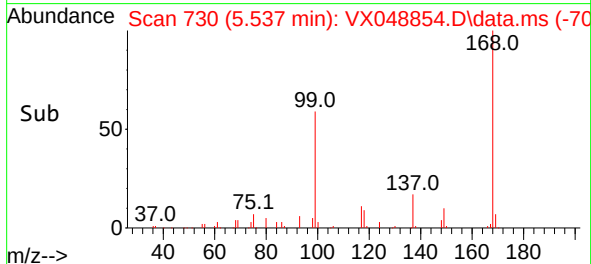
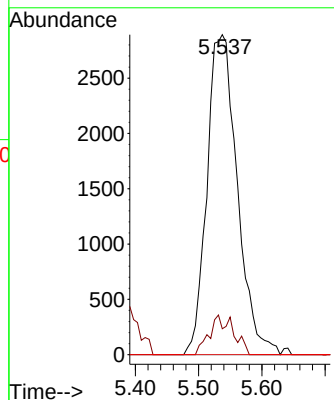
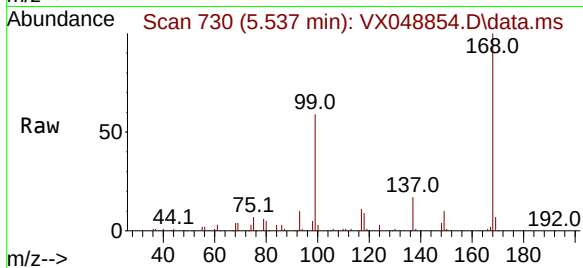




#36
1,1-Dichloropropene
Concen: 4.051 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

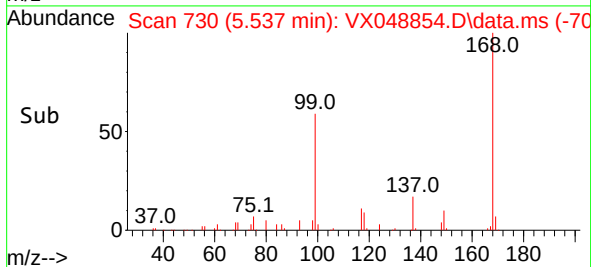
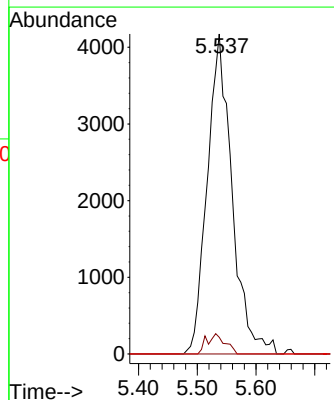
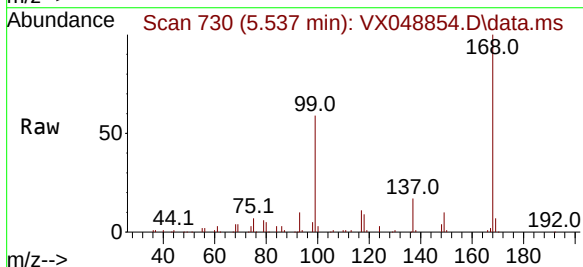
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

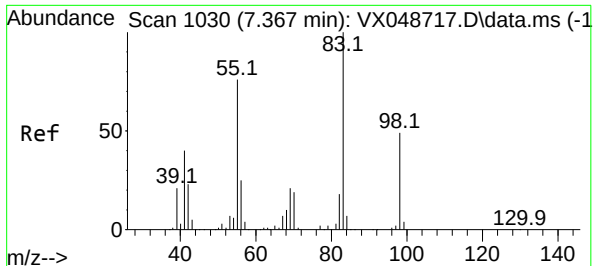
Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
110 9.8 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.539 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 117 Resp: 12210
Ion Ratio Lower Upper
117 100
119 5.2 80.5 120.7#
121 0.0 25.4 38.0#

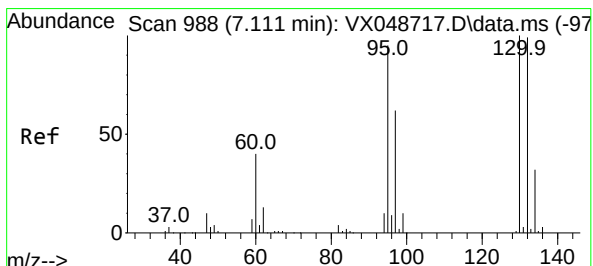
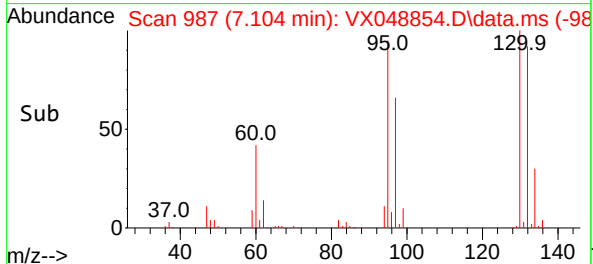
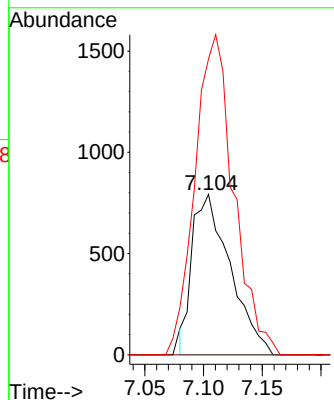
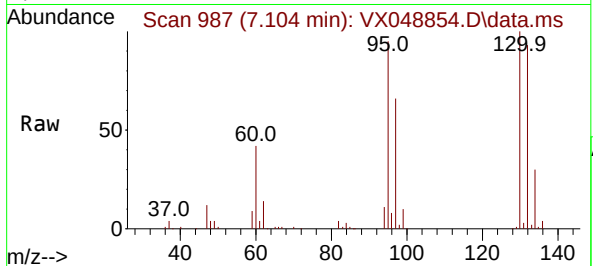




#39
Methylcyclohexane
Concen: 0.634 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.262 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

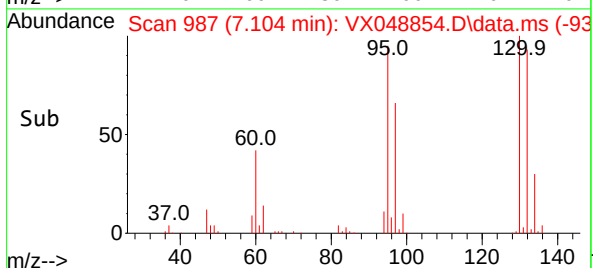
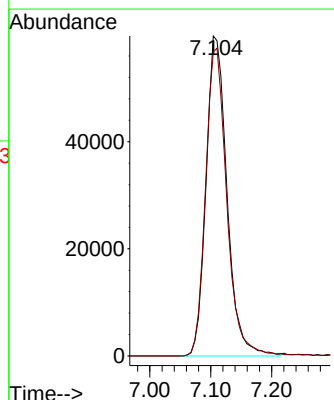
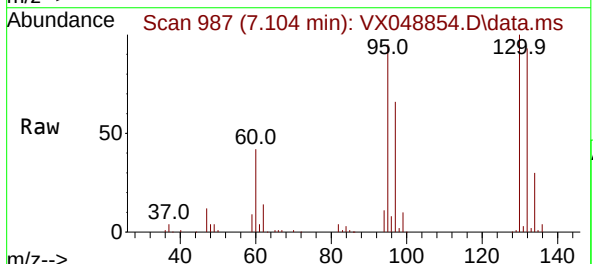
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

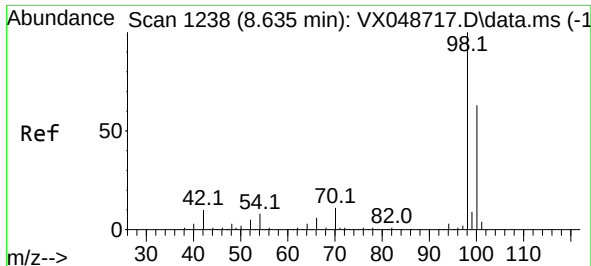
Tgt Ion: 83 Resp: 1780
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 184.6 39.3 58.9#



#44
Trichloroethene
Concen: 77.611 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:130 Resp: 142565
Ion Ratio Lower Upper
130 100
95 95.0 0.0 189.6

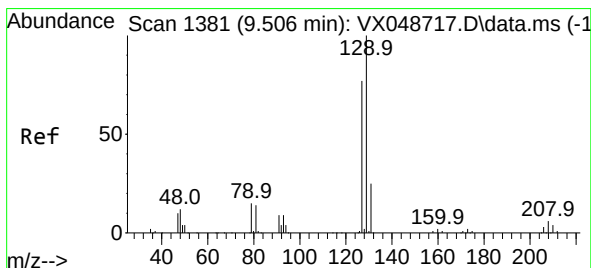
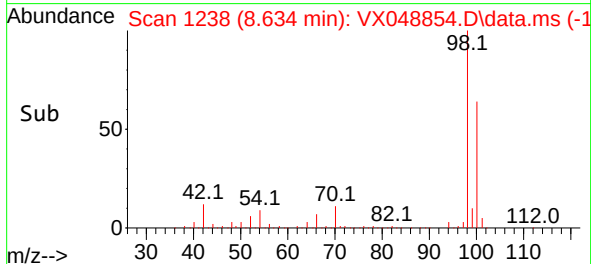
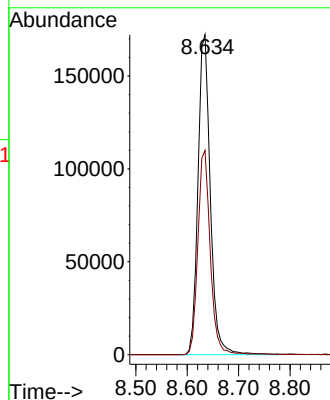
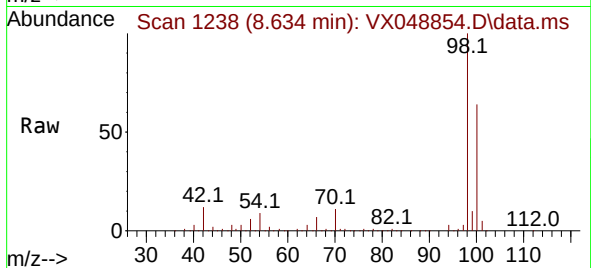




#50
Toluene-d8
Concen: 47.307 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

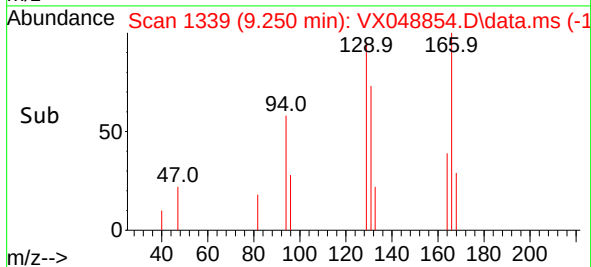
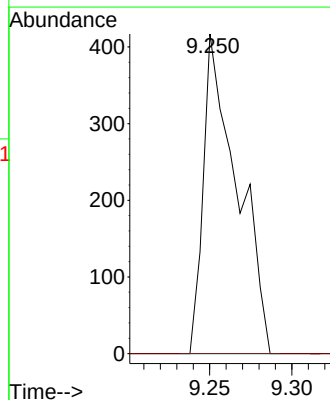
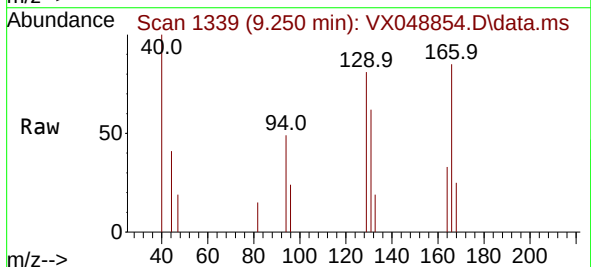
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

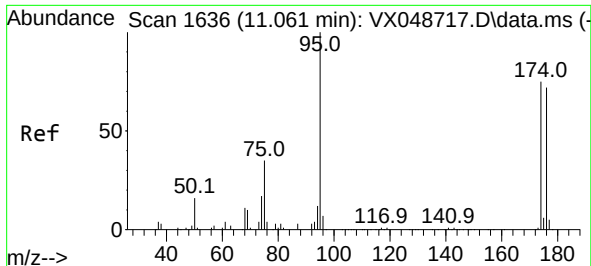
Tgt Ion: 98 Resp: 287523
Ion Ratio Lower Upper
98 100
100 64.3 53.4 80.0



#60
Dibromochloromethane
Concen: 0.281 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.256 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:129 Resp: 594
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

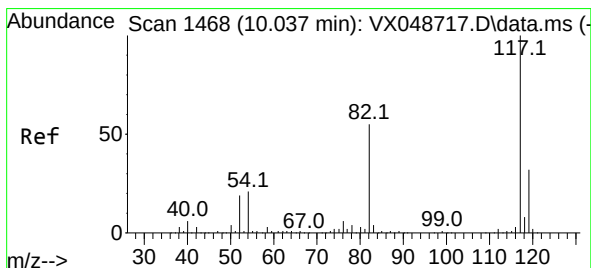
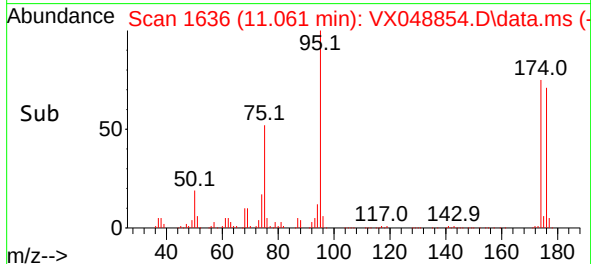
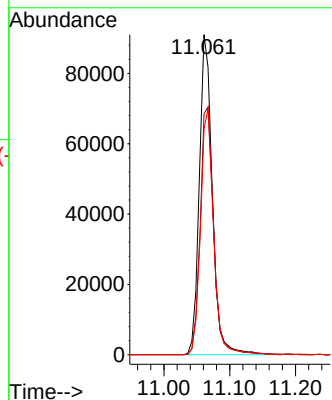
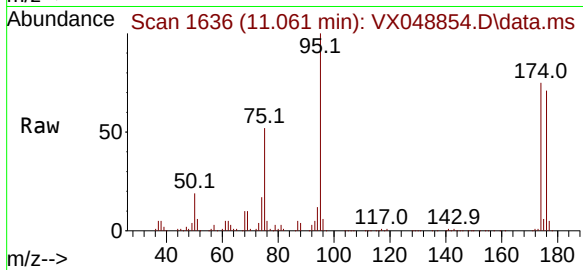




#62
4-Bromofluorobenzene
Concen: 59.526 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

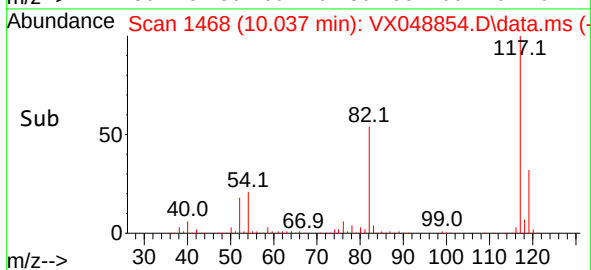
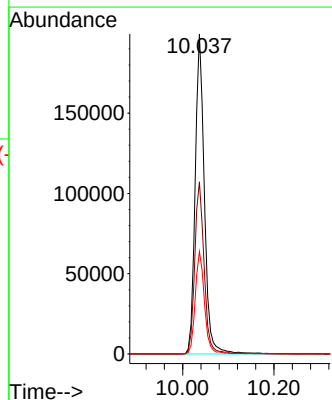
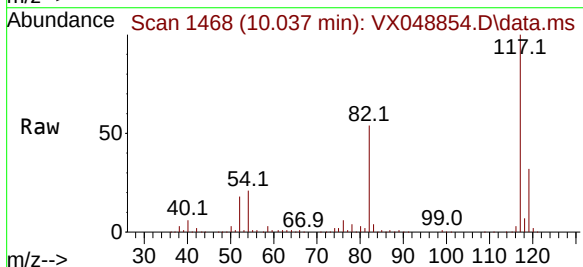
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

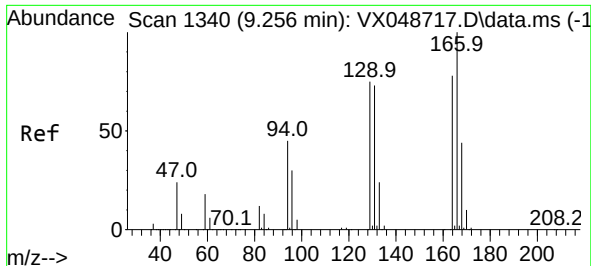
Tgt Ion: 95 Resp: 124757
Ion Ratio Lower Upper
95 100
174 80.9 0.0 157.8
176 77.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 117 Resp: 279208
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.0 25.2 37.8



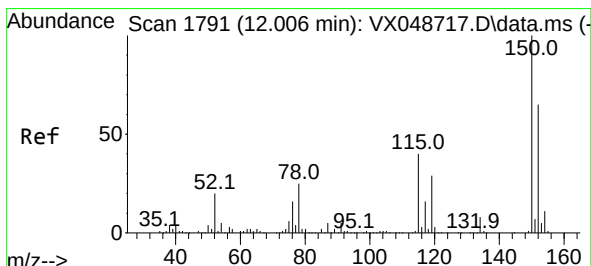
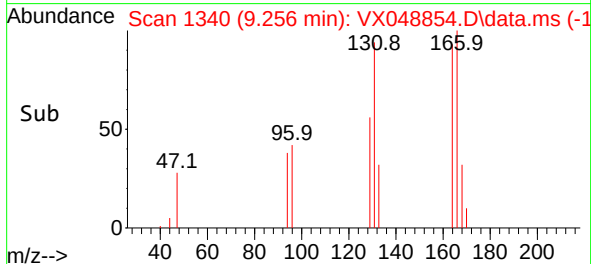
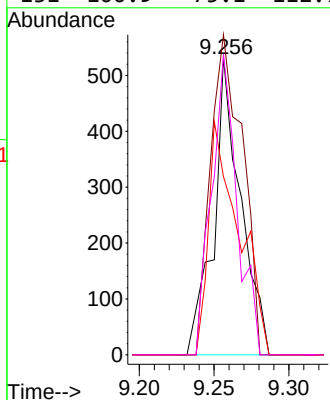
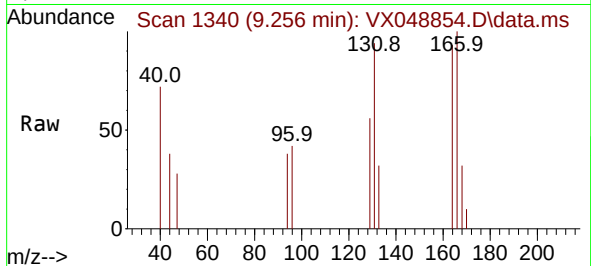


#64
Tetrachloroethene
Concen: 0.328 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

Tgt Ion:164 Resp: 668

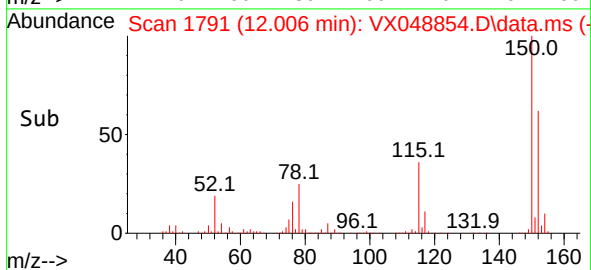
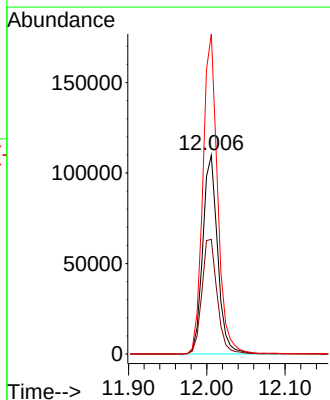
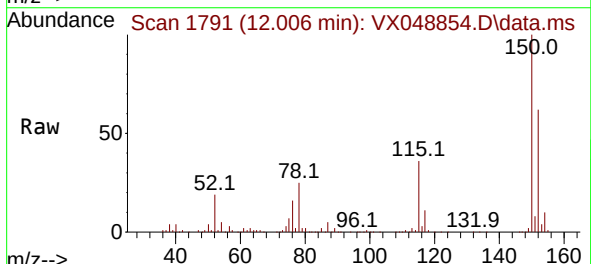
Ion	Ratio	Lower	Upper
164	100		
166	107.5	103.1	154.7
129	59.8	76.9	115.3#
131	100.9	75.1	112.7

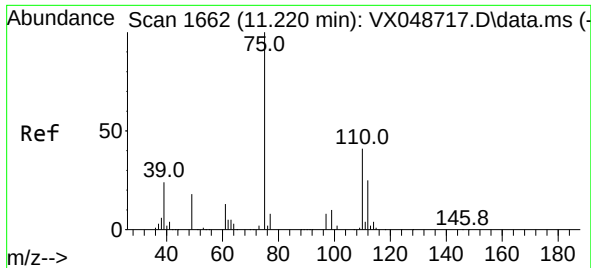


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:152 Resp: 144980

Ion	Ratio	Lower	Upper
152	100		
115	59.6	42.1	126.4
150	158.9	0.0	347.8

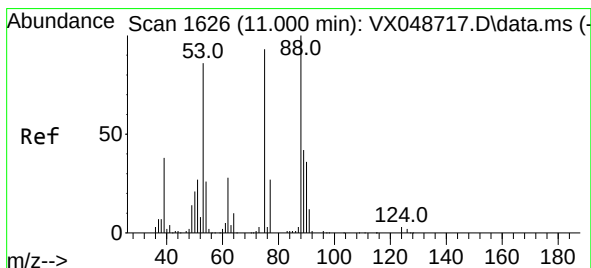
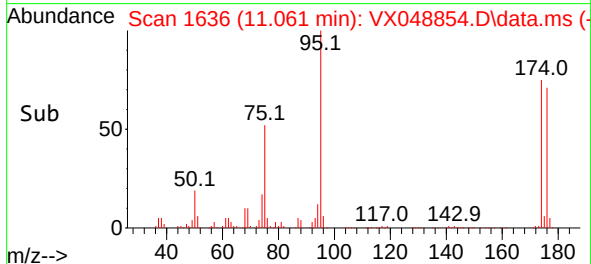
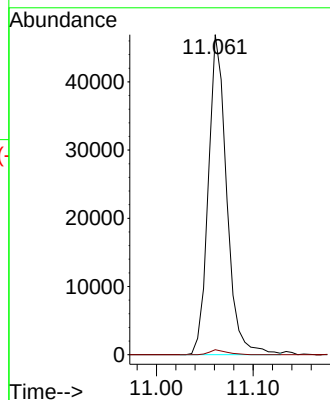
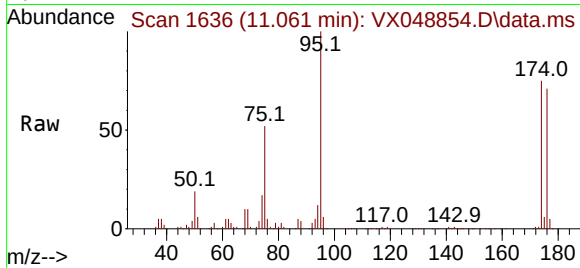




#76
1,2,3-Trichloropropane
Concen: 22.943 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

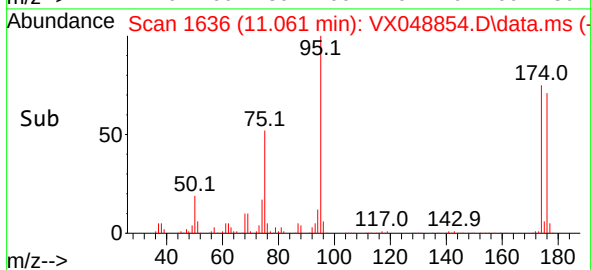
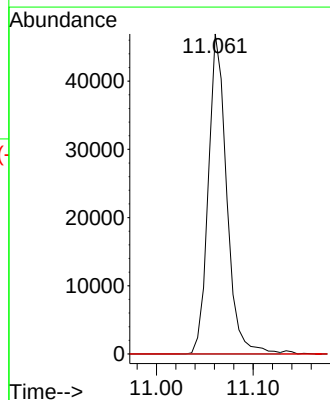
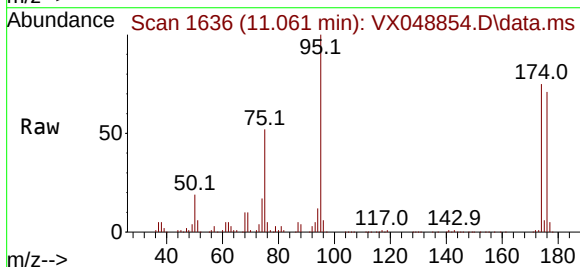
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

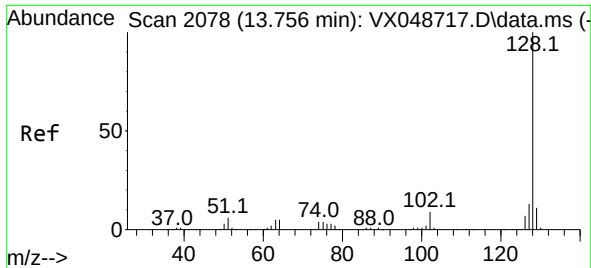
Tgt Ion: 75 Resp: 61954
Ion Ratio Lower Upper
75 100
77 1.4 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.500 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 75 Resp: 61954
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#





#95

Naphthalene

Concen: Below Cal

RT: 13.774 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX048854.D

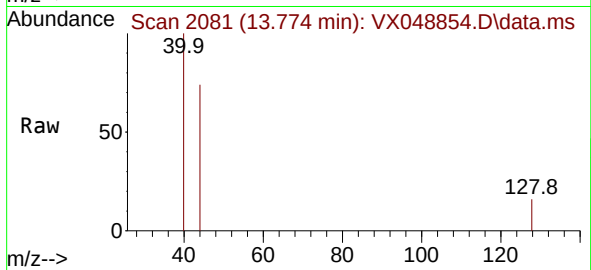
Acq: 12 Dec 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

MW-01-7-121025



Tgt Ion:128 Resp: 76

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 13.0#

