

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048102.D
 Acq On : 10 Oct 2025 11:33
 Operator : JC/MD
 Sample : VX1010WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBL01

Quant Time: Oct 10 22:55:02 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)

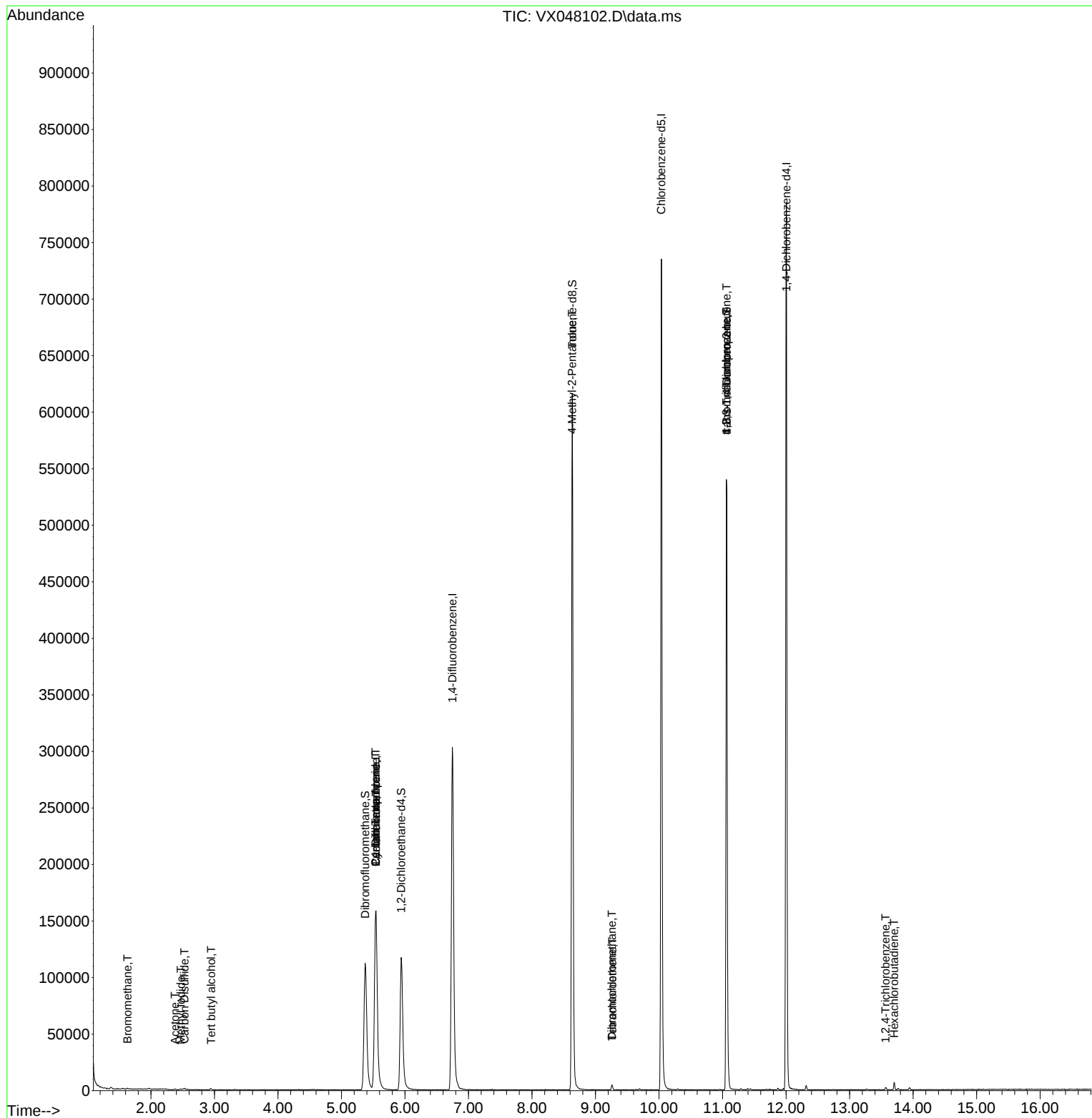
Internal Standards						
1) Pentafluorobenzene	5.544	168	163530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	333490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128816	49.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.980%
35) Dibromofluoromethane	5.373	113	108286	48.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.760%
50) Toluene-d8	8.635	98	379810	49.544	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.061	95	158573	54.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.000%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	466	0.337	ug/l	97
10) Methyl Iodide	2.471	142	1210	0.410	ug/l #	79
11) Tert butyl alcohol	2.947	59	299	1.031	ug/l #	72
16) Acetone	2.380	43	735	0.649	ug/l #	78
17) Carbon Disulfide	2.526	76	2056	0.387	ug/l #	80
31) Cyclohexane	5.544	56	4057	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	13944	4.307	ug/l #	50
38) Carbon Tetrachloride	5.538	117	17597	5.003	ug/l #	17
51) 4-Methyl-2-Pentanone	8.629	43	1828	0.580	ug/l #	1
60) Dibromochloromethane	9.256	129	875	0.325	ug/l #	11
64) Tetrachloroethene	9.263	164	833	0.383	ug/l #	84
76) 1,2,3-Trichloropropane	11.061	75	84413	25.866	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	84413	65.961	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.567	180	746	0.215	ug/l	92
94) Hexachlorobutadiene	13.701	225	1004	0.852	ug/l	94

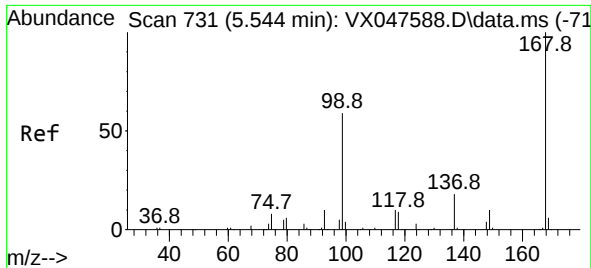
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Time: Oct 10 22:55:02 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

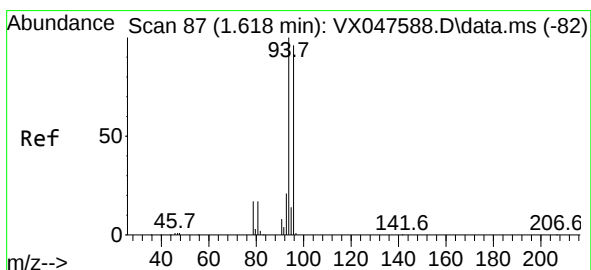
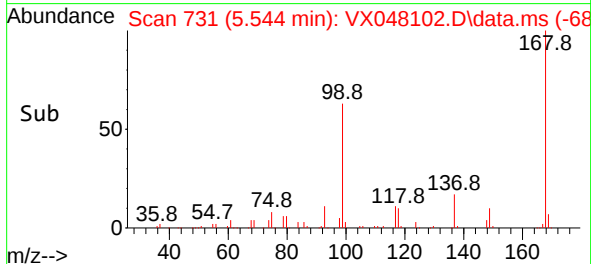
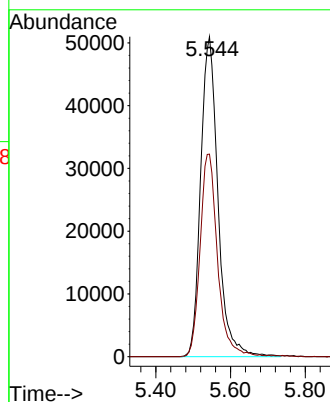
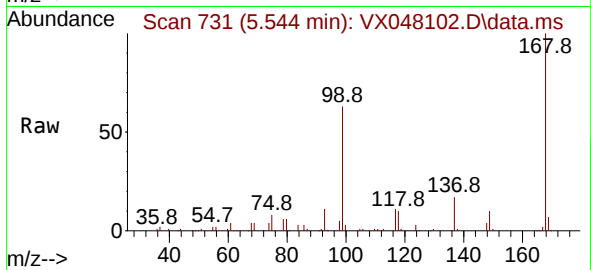




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

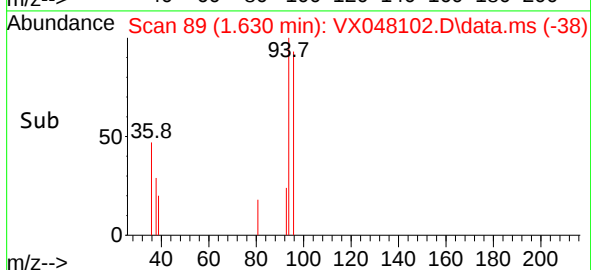
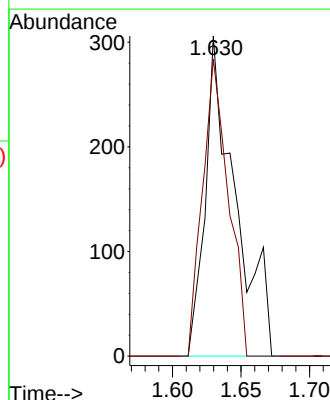
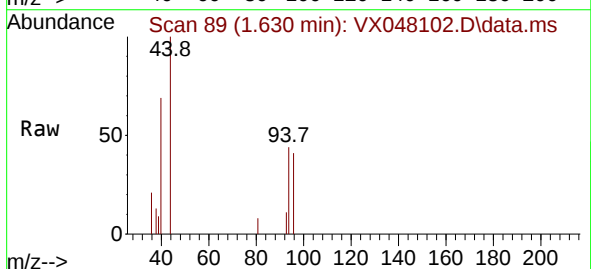
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

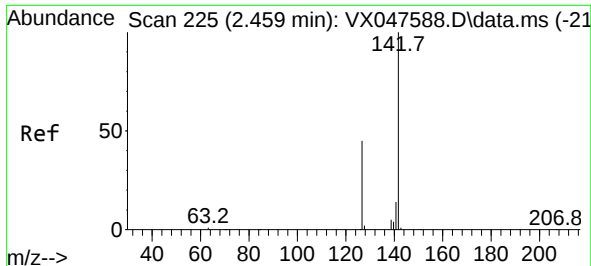
Tgt Ion:168 Resp: 163530
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

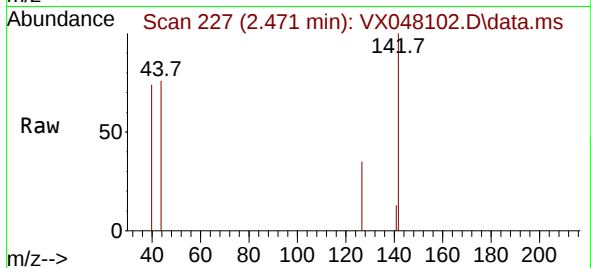
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 92.8 76.6 115.0



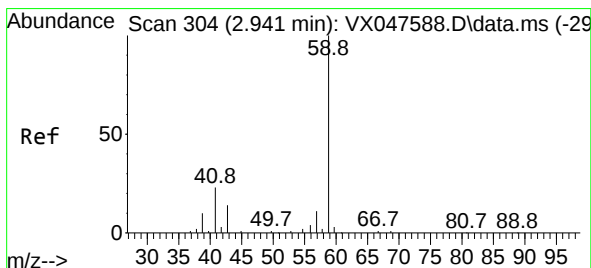
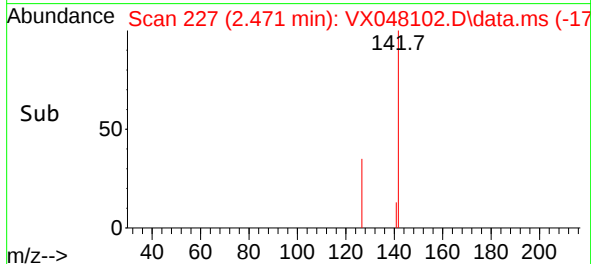
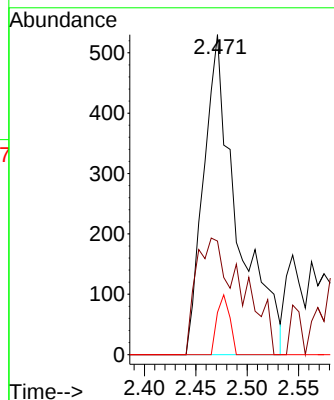


#10
Methyl Iodide
Concen: 0.410 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

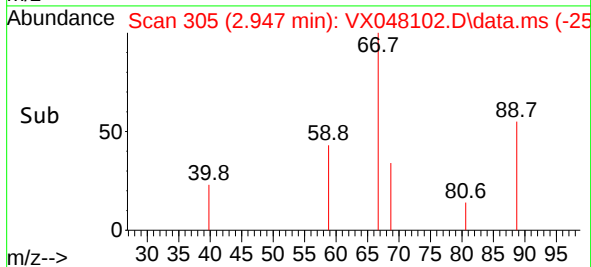
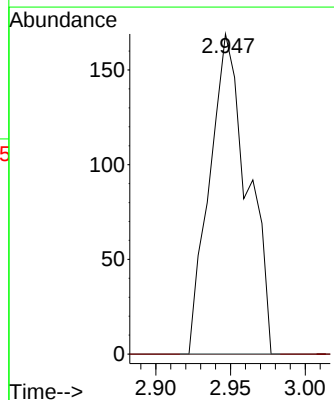
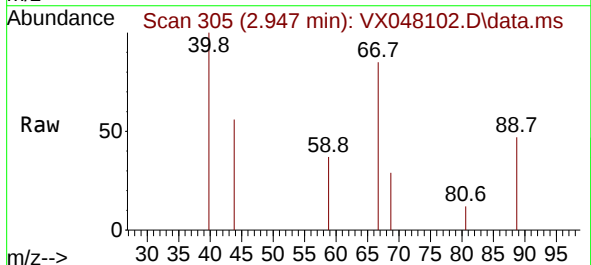


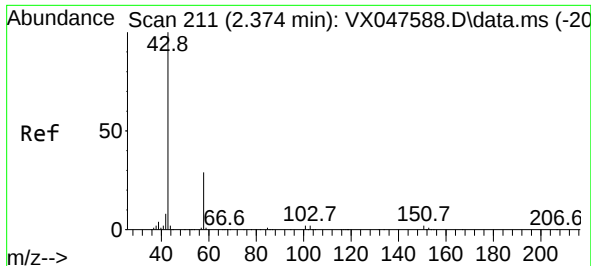
Tgt Ion:142 Resp: 1210
Ion Ratio Lower Upper
142 100
127 32.0 37.2 55.8#
141 6.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.031 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

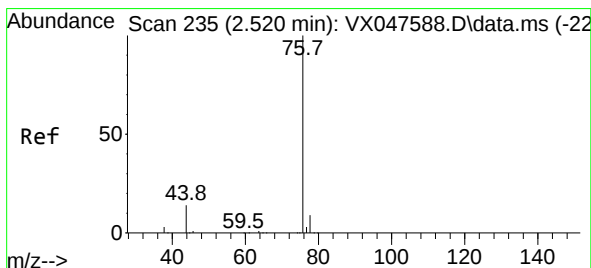
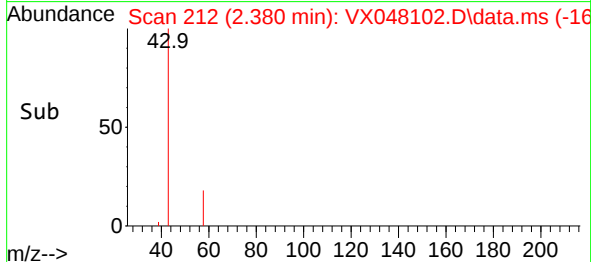
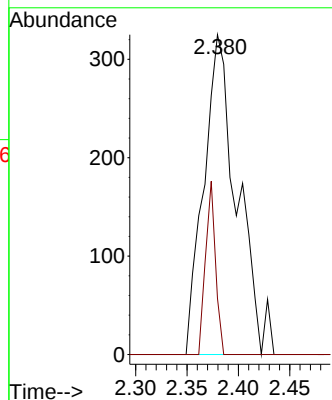
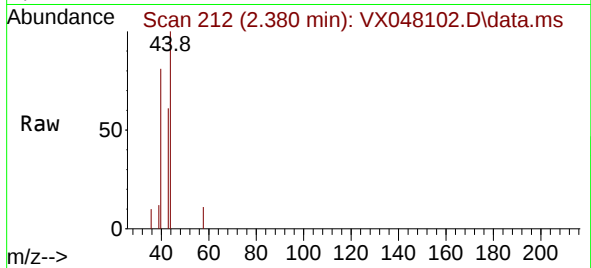




#16
Acetone
Concen: 0.649 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

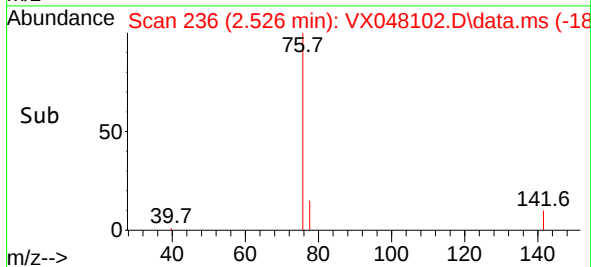
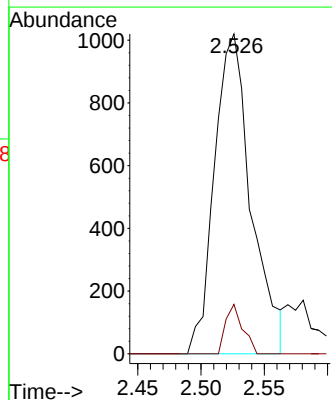
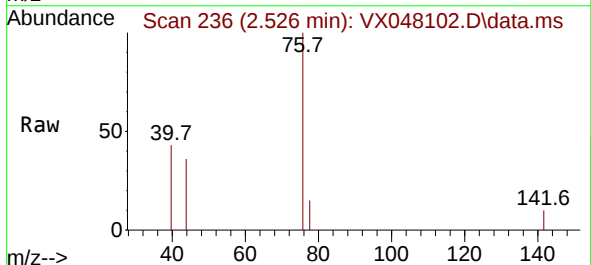
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

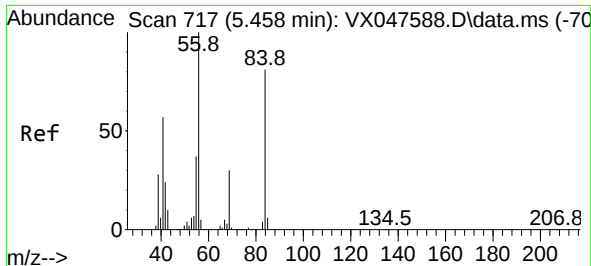
Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
58 17.5 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.006 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 76 Resp: 2056
Ion Ratio Lower Upper
76 100
78 15.5 6.8 10.2#

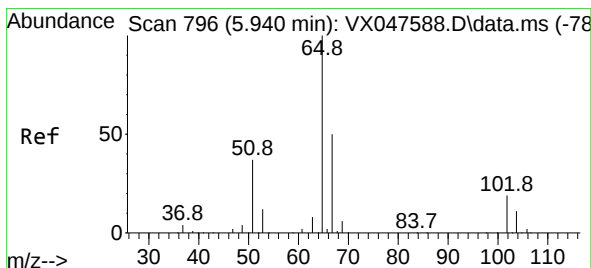
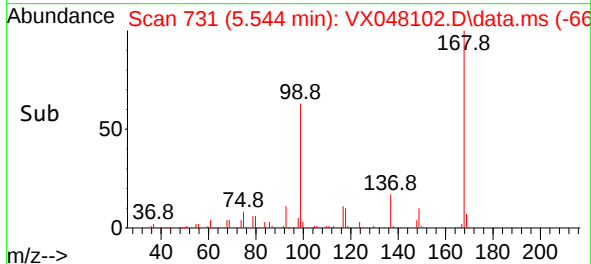
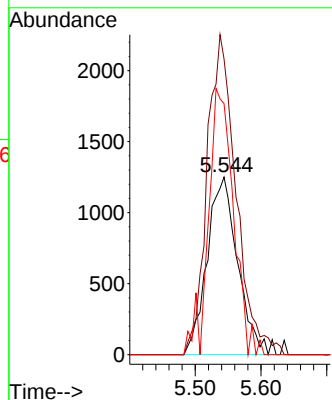
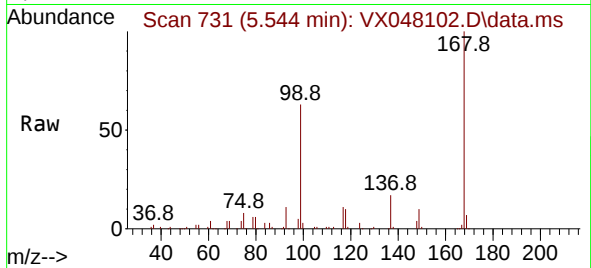




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

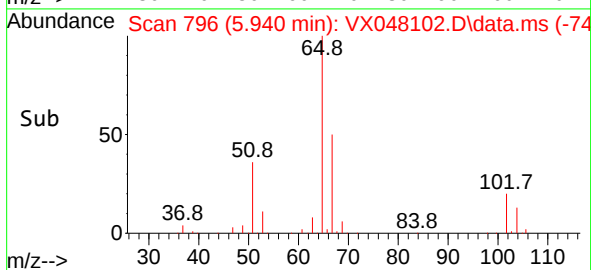
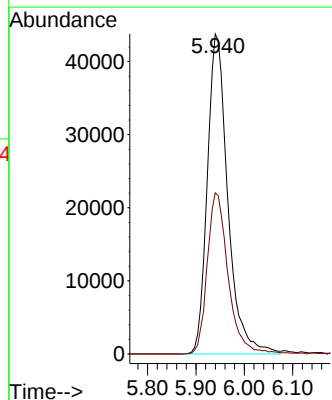
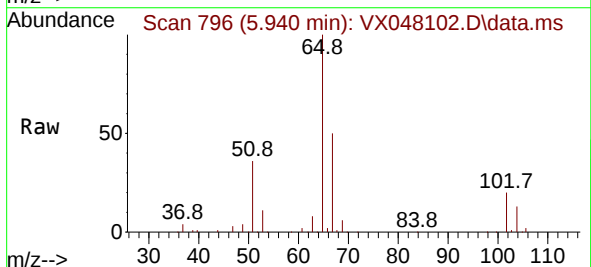
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

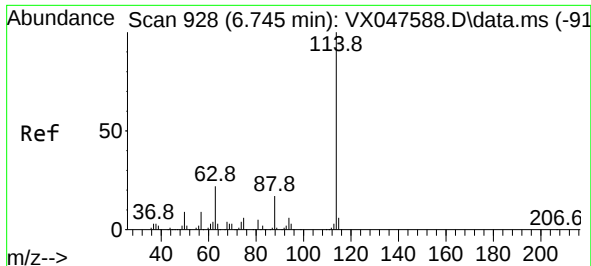
Tgt Ion: 56 Resp: 4057
Ion Ratio Lower Upper
56 100
69 166.6 23.8 35.8#
84 141.4 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 65 Resp: 128816
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

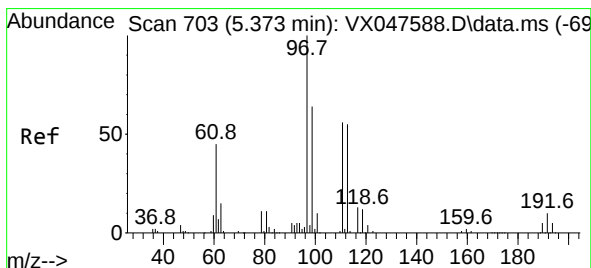
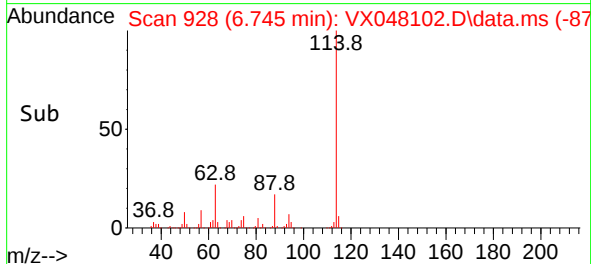
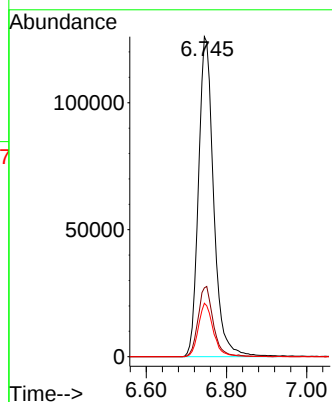
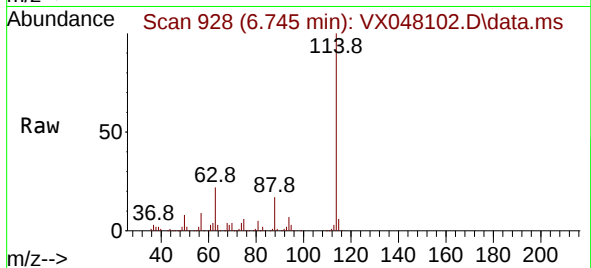




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

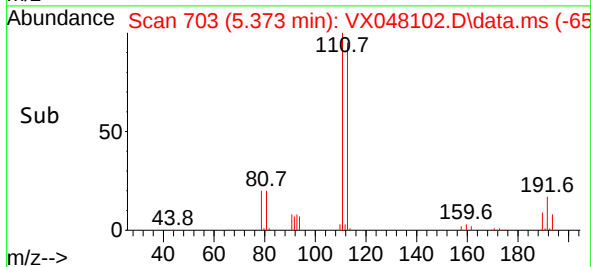
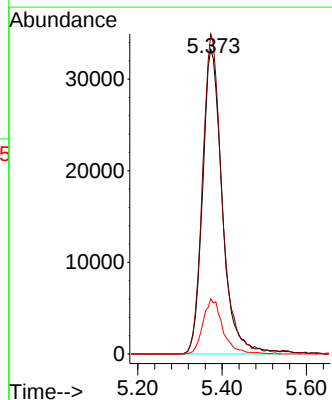
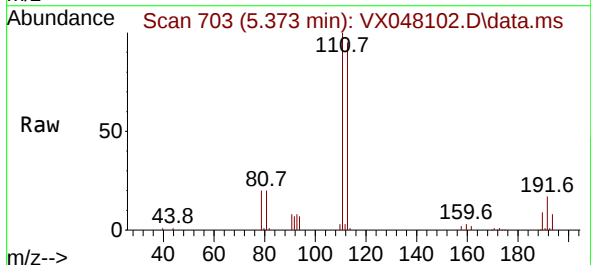
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

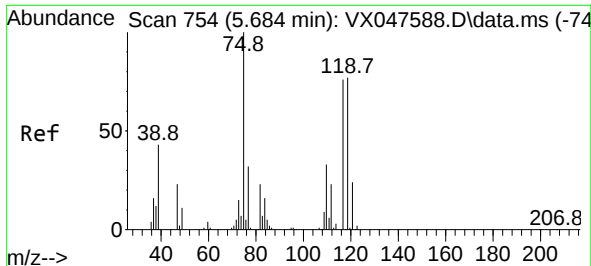
Tgt Ion:114 Resp: 330351
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion:113 Resp: 108286
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 18.0 14.2 21.4

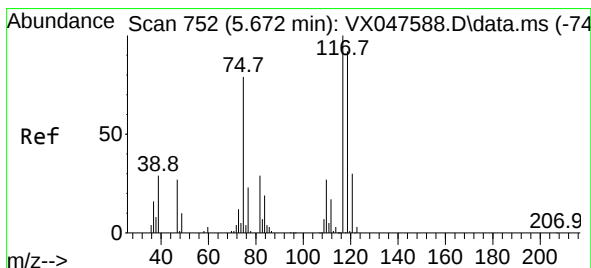
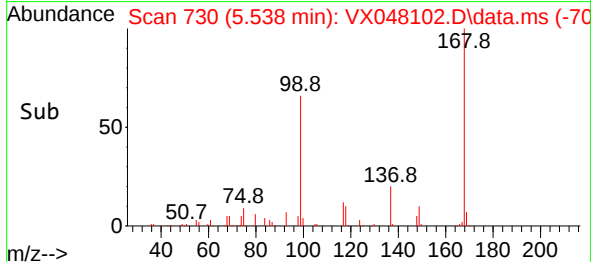
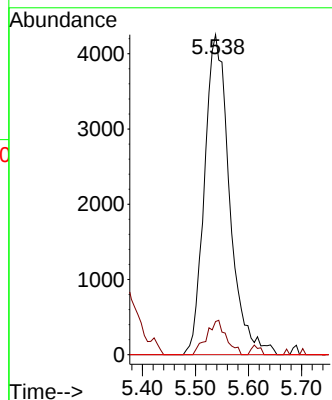
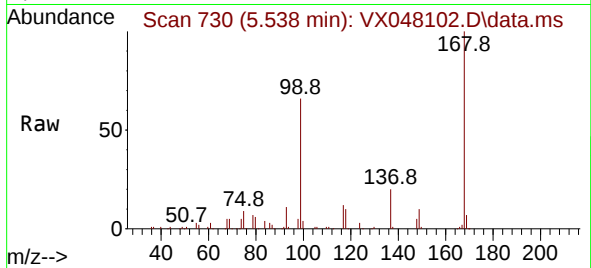




#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

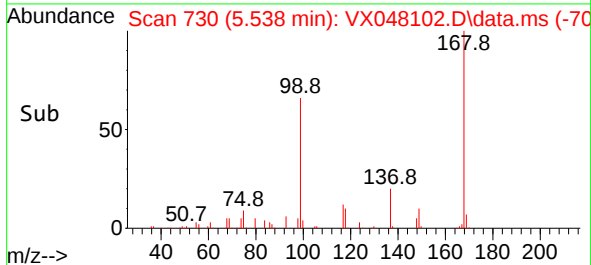
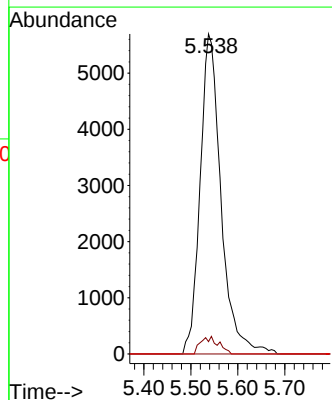
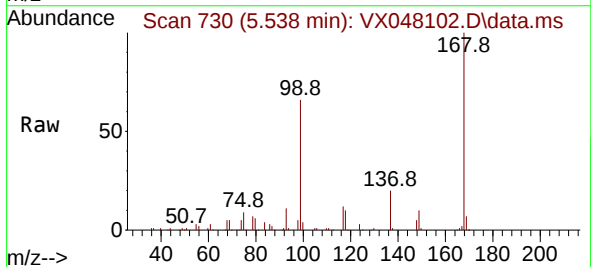
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

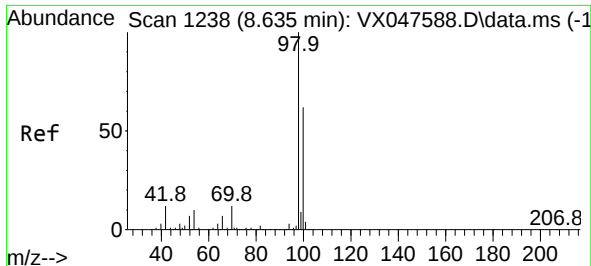
Tgt Ion: 75 Resp: 13944
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 117 Resp: 17597
Ion Ratio Lower Upper
117 100
119 3.9 73.4 110.2#
121 0.0 23.8 35.6#

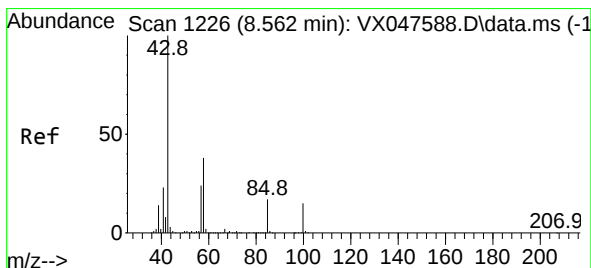
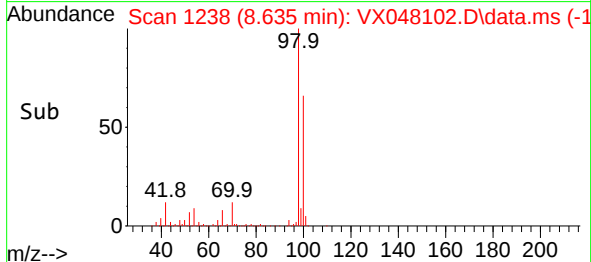
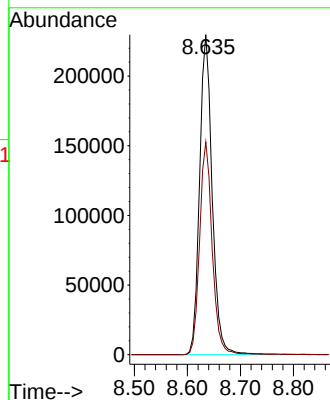
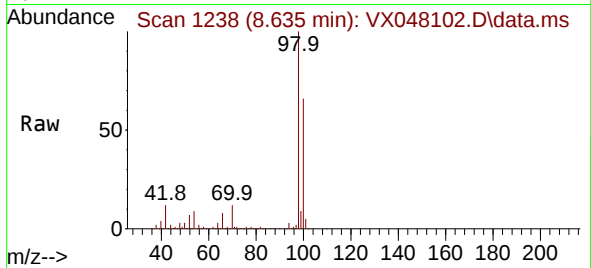




#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

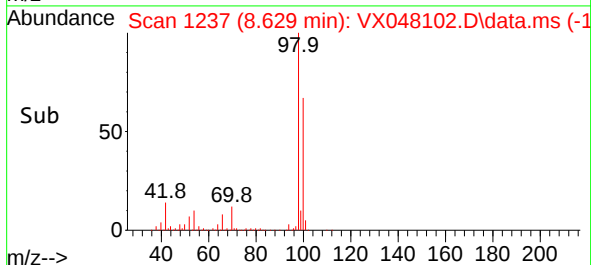
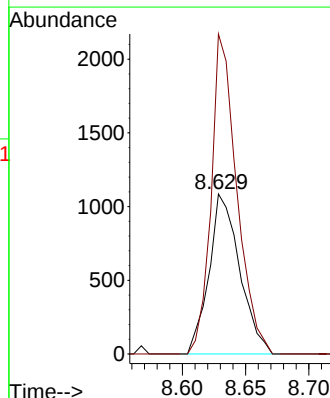
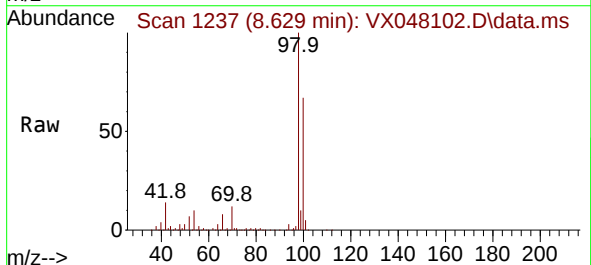
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

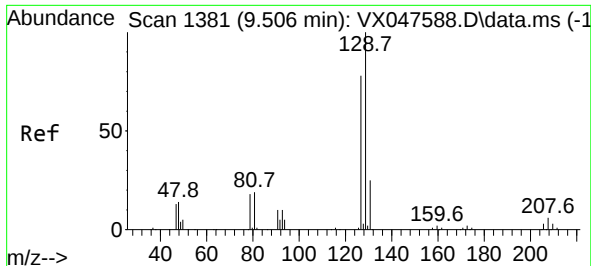
Tgt Ion: 98 Resp: 379810
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. 0.067 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 167.6 30.3 45.5#

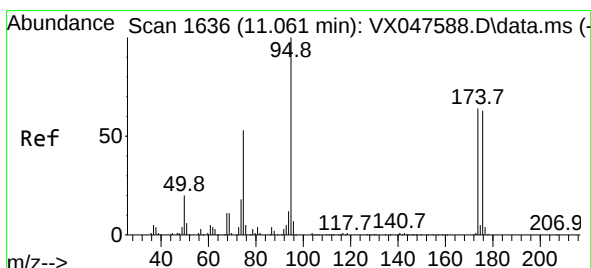
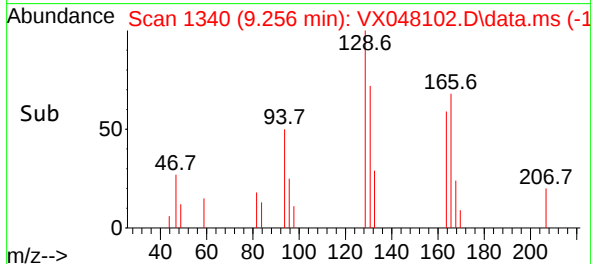
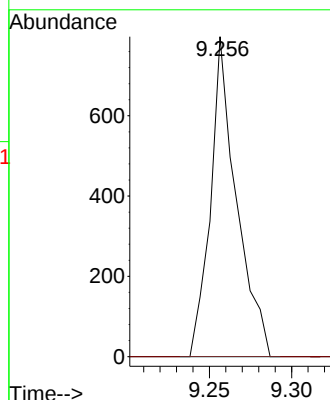
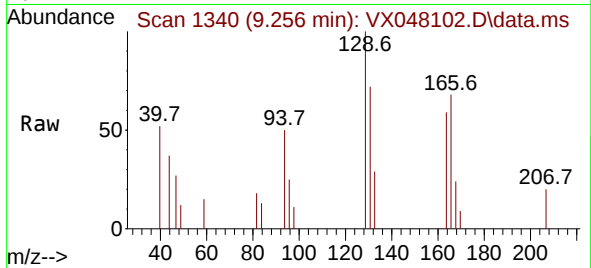




#60
Dibromochloromethane
Concen: 0.325 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

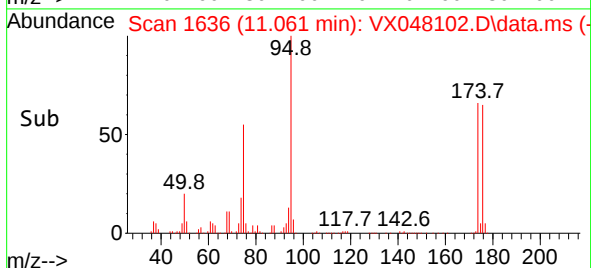
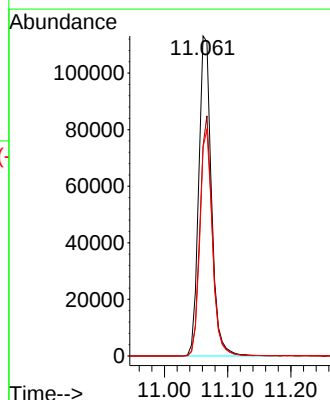
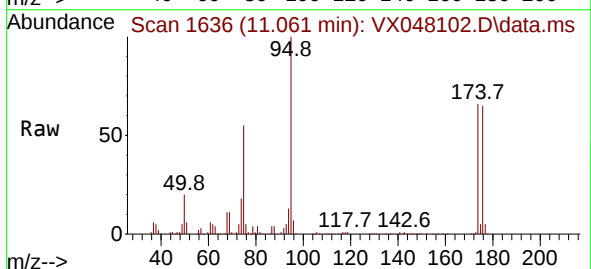
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

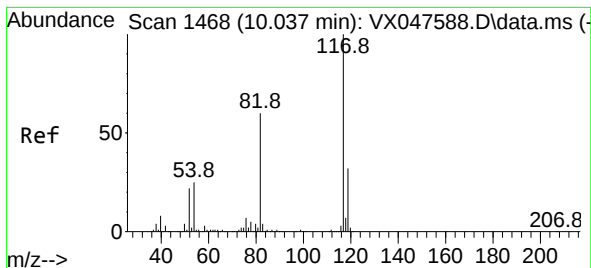
Tgt Ion:129 Resp: 875
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 95 Resp: 158573
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 69.5 0.0 138.4

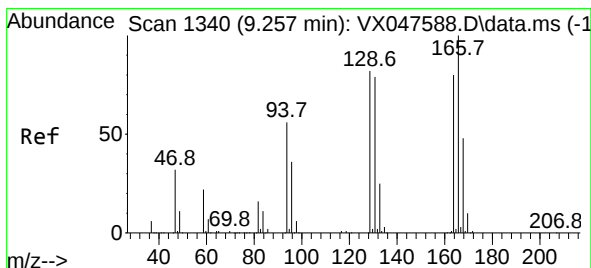
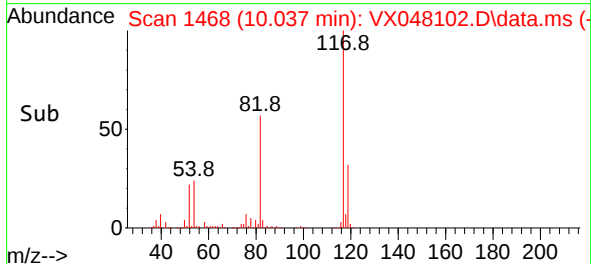
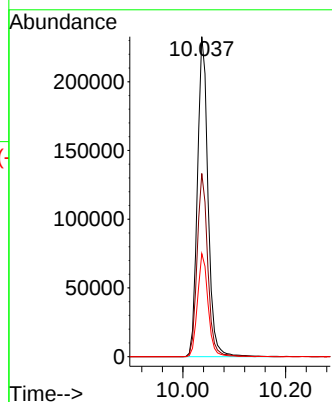
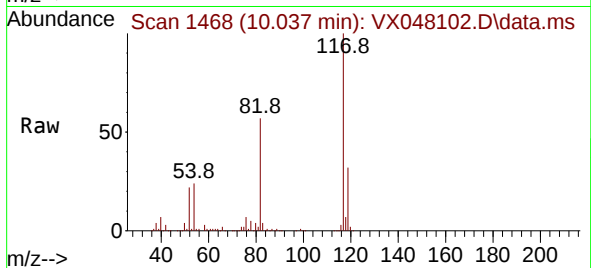




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

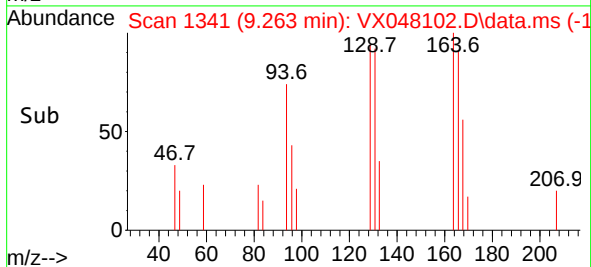
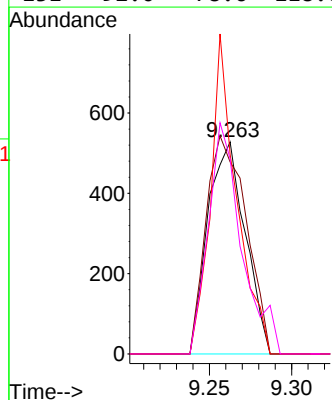
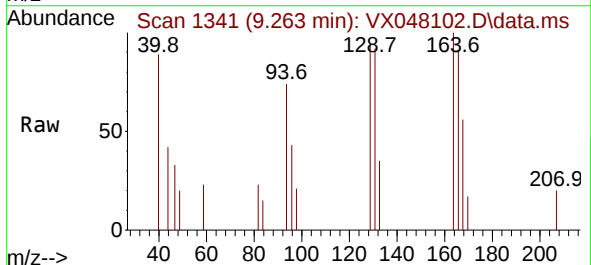
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

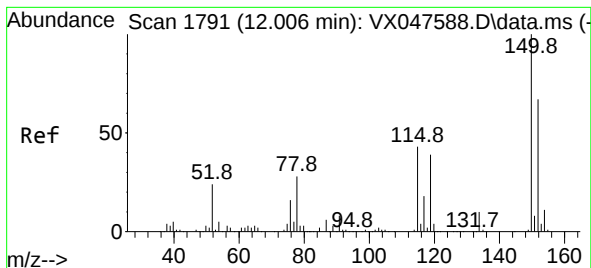
Tgt Ion:117 Resp: 333490
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 0.383 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion:164 Resp: 833
Ion Ratio Lower Upper
164 100
166 90.5 100.2 150.2#
129 94.1 81.8 122.6
131 92.0 78.6 118.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048102.D

Acq: 10 Oct 2025 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBL01

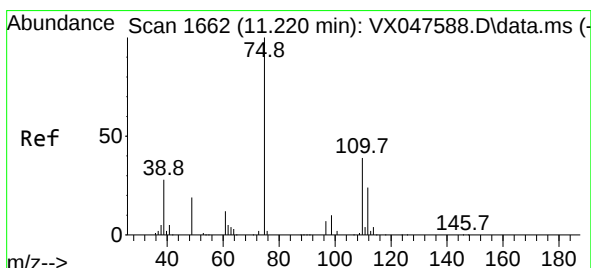
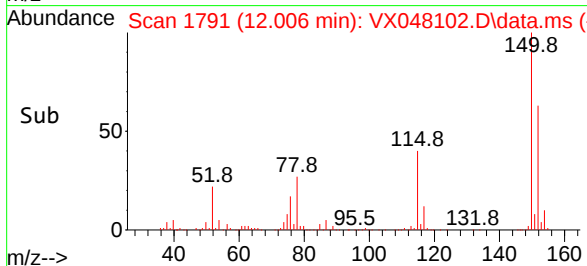
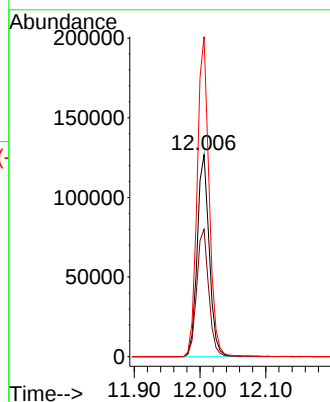
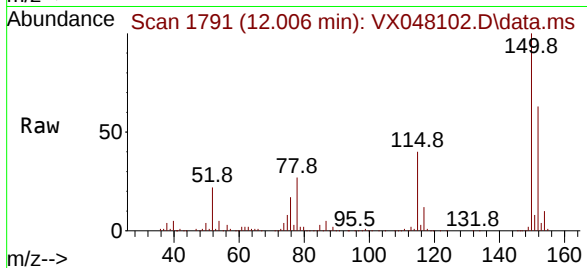
Tgt Ion:152 Resp: 161186

Ion Ratio Lower Upper

152 100

115 63.4 44.9 134.5

150 157.1 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 25.866 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048102.D

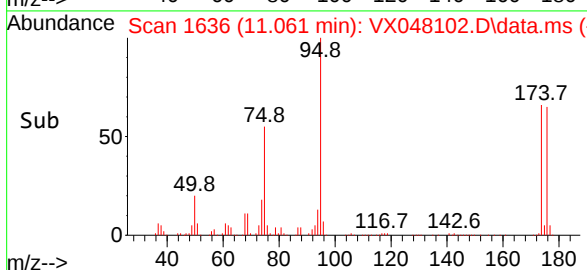
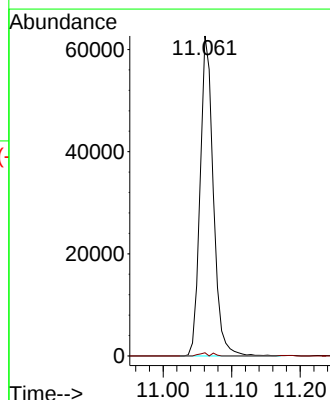
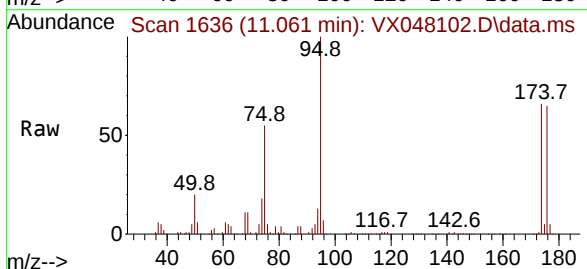
Acq: 10 Oct 2025 11:33

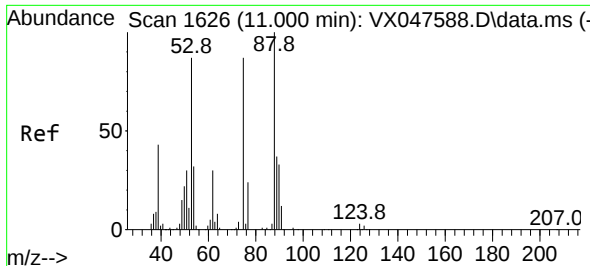
Tgt Ion: 75 Resp: 84413

Ion Ratio Lower Upper

75 100

77 0.9 18.8 56.4#

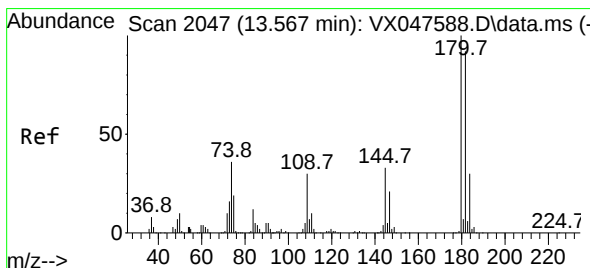
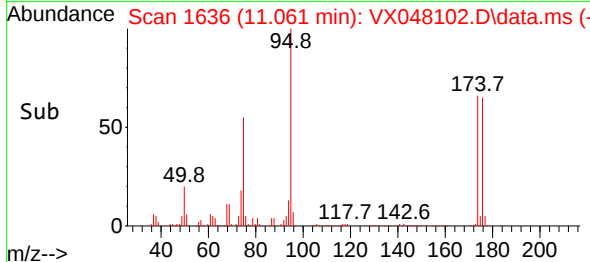
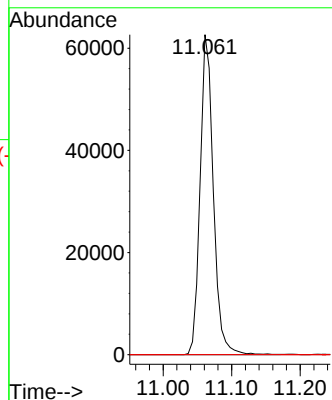
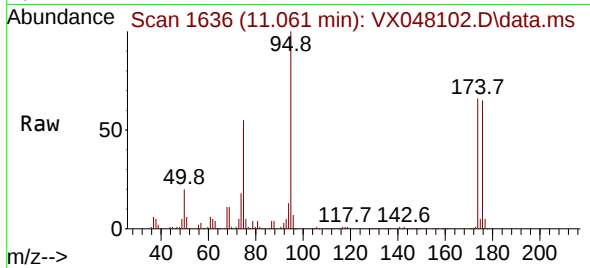




#81
trans-1,4-Dichloro-2-butene
Concen: 65.961 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

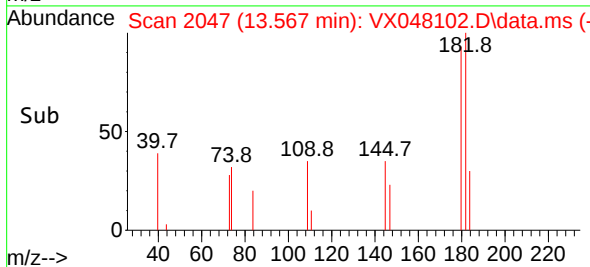
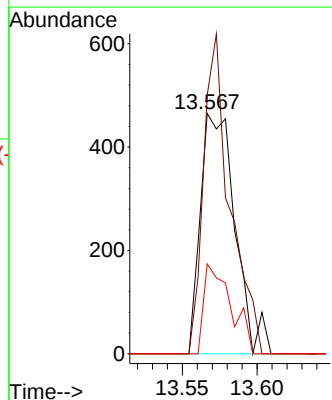
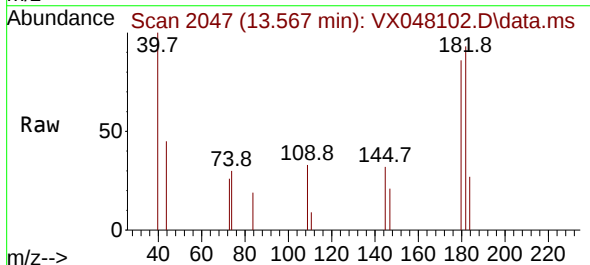
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

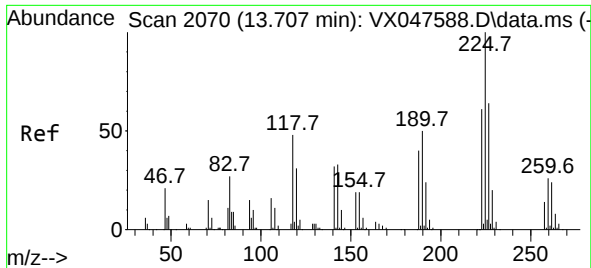
Tgt Ion: 75 Resp: 84413
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

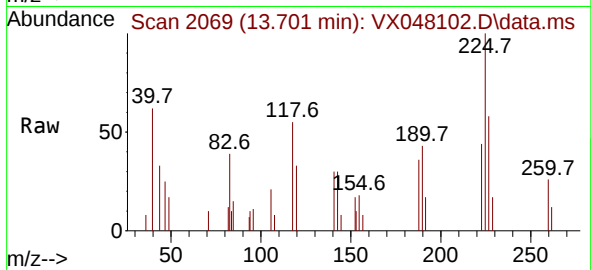
Tgt Ion:180 Resp: 746
Ion Ratio Lower Upper
180 100
182 101.9 46.6 139.8
145 29.4 16.4 49.1





#94
 Hexachlorobutadiene
 Concen: 0.852 ug/l
 RT: 13.701 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX048102.D
 Acq: 10 Oct 2025 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBL01



Tgt Ion:225 Resp: 1004
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.7 95.1
 227 58.2 32.0 96.0

