

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047991.D
 Acq On : 03 Oct 2025 14:11
 Operator : JC/MD
 Sample : Q3202-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

Quant Time: Oct 03 23:48:11 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)

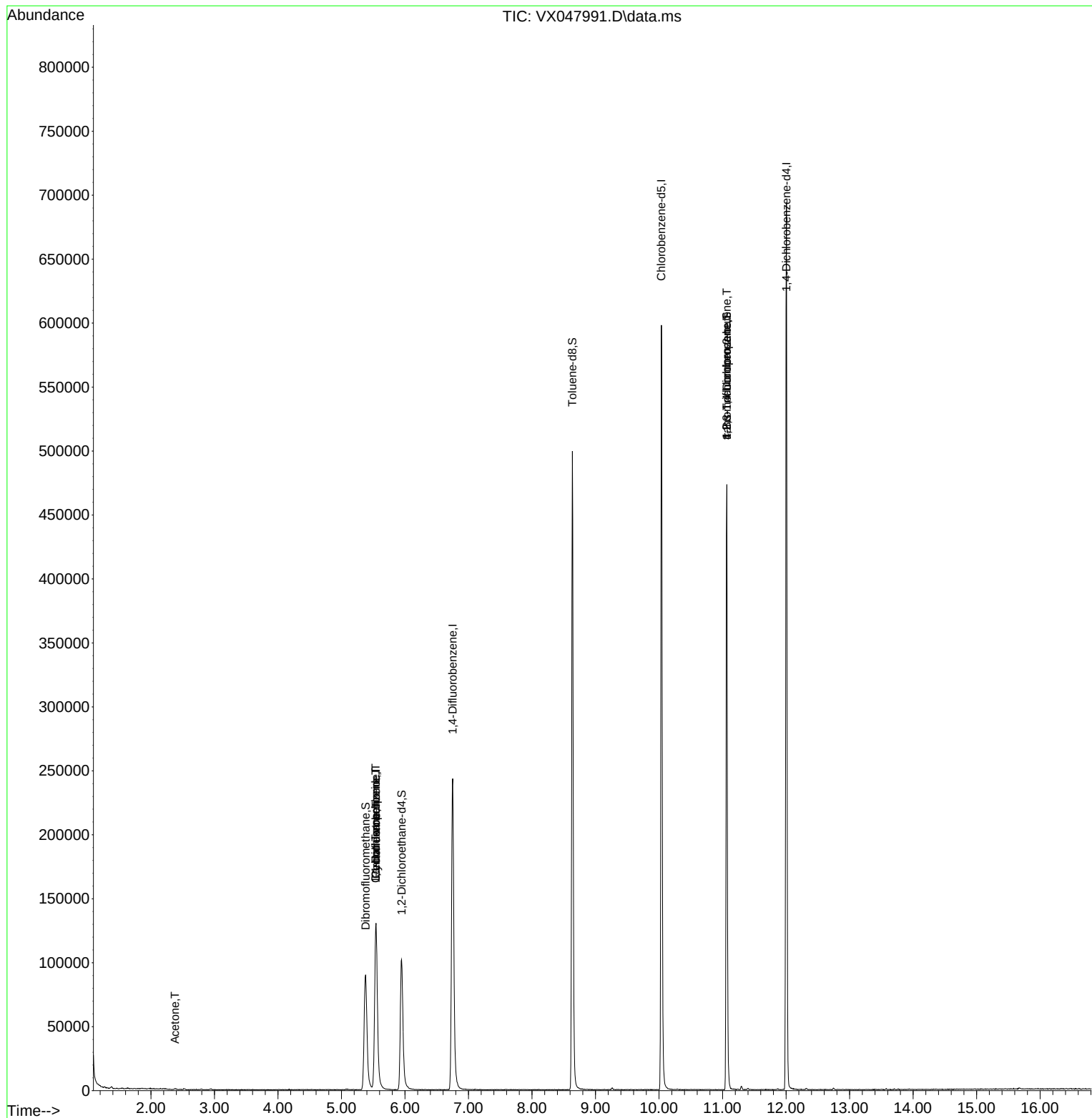
Internal Standards						
1) Pentafluorobenzene	5.543	168	129645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	264813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	277682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113474	54.988	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.980%		
35) Dibromofluoromethane	5.379	113	89906	50.623	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.240%		
50) Toluene-d8	8.634	98	304608	49.568	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	11.067	95	135861	58.254	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.500%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1066	1.188	ug/l #	1
31) Cyclohexane	5.543	56	2870	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	10912	4.205	ug/l #	50
38) Carbon Tetrachloride	5.537	117	14345	5.088	ug/l #	18
76) 1,2,3-Trichloropropane	11.067	75	70197	23.579	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	70197	60.131	ug/l #	8

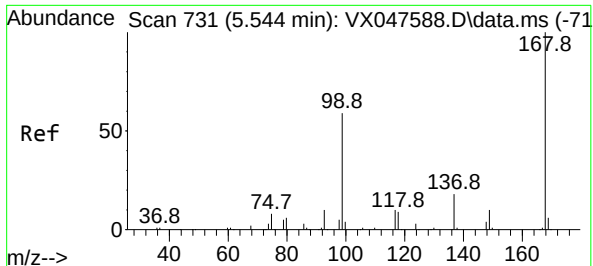
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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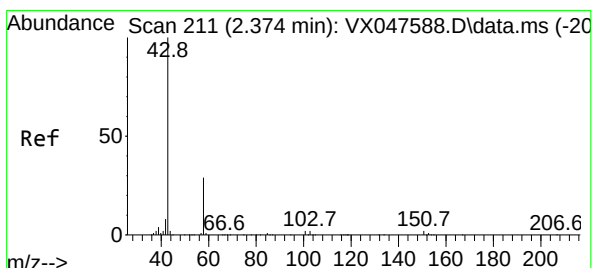
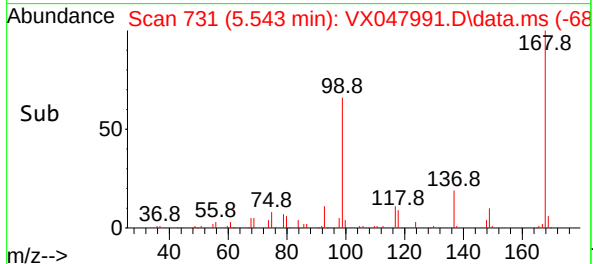
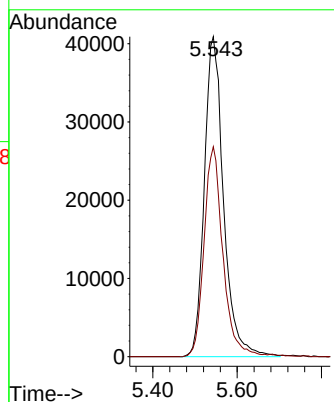
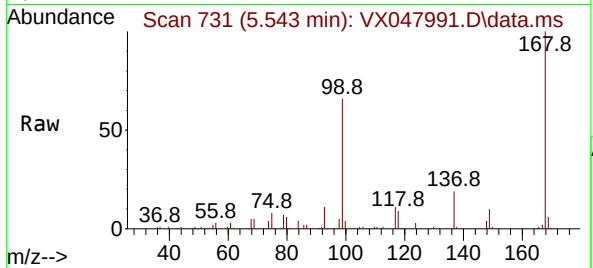




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

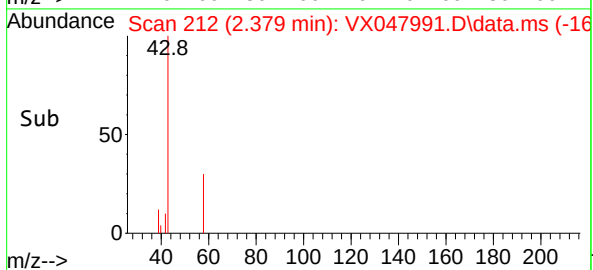
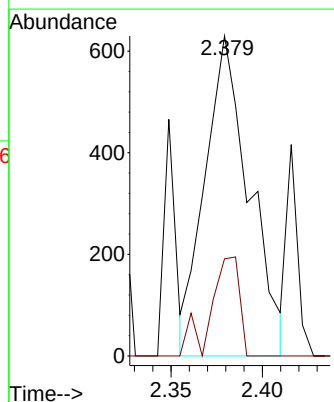
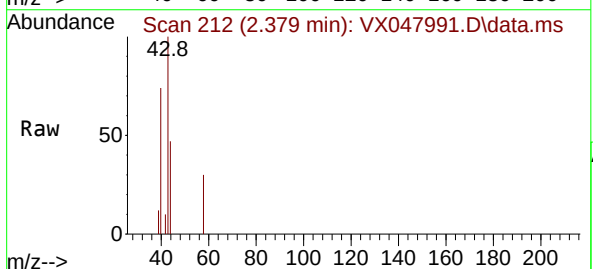
Instrument :
MSVOA_X
ClientSampleId :
SY-6

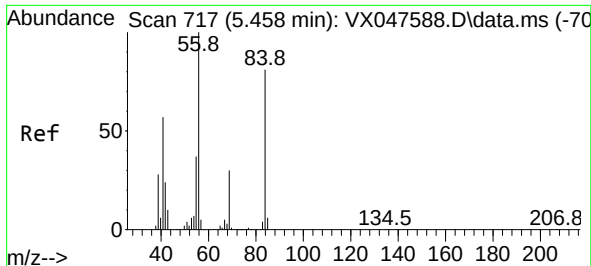
Tgt Ion:168 Resp: 129645
Ion Ratio Lower Upper
168 100
99 65.6 48.8 73.2



#16
Acetone
Concen: 1.188 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 118.6 23.4 35.0#

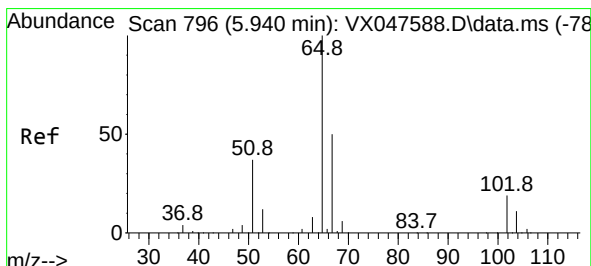
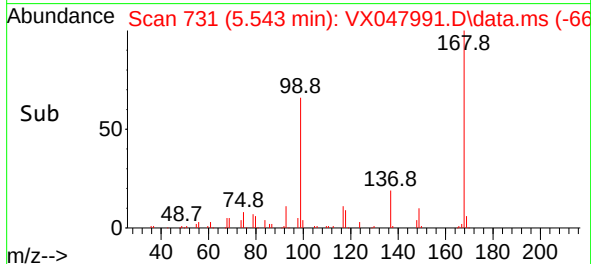
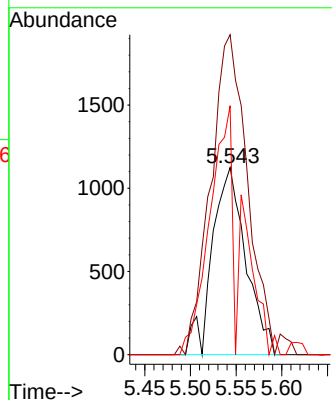
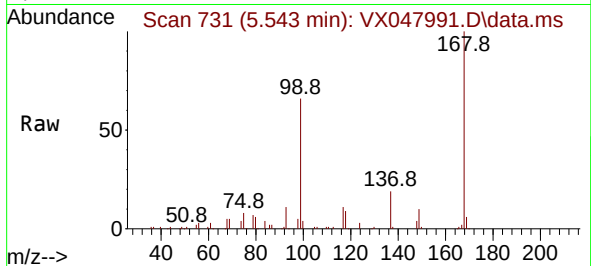




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

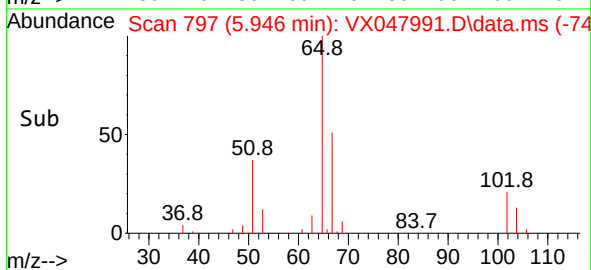
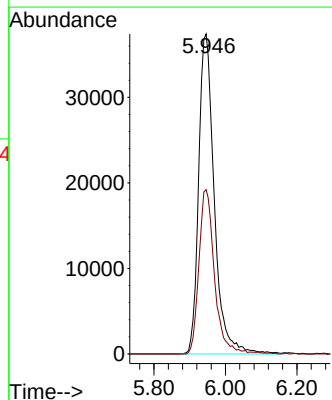
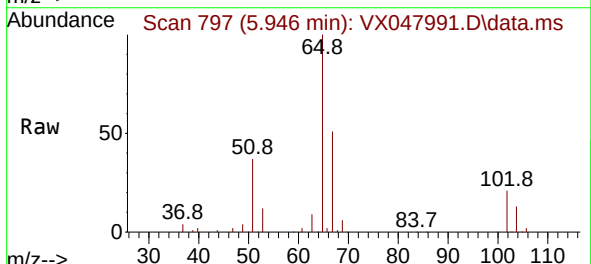
Instrument :
MSVOA_X
ClientSampleId :
SY-6

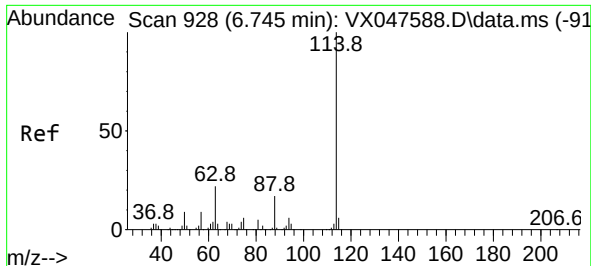
Tgt Ion: 56 Resp: 2870
Ion Ratio Lower Upper
56 100
69 166.4 23.8 35.8#
84 133.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 65 Resp: 113474
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

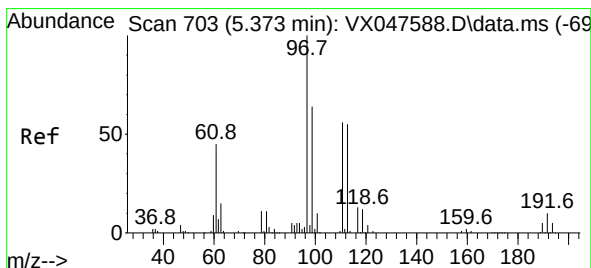
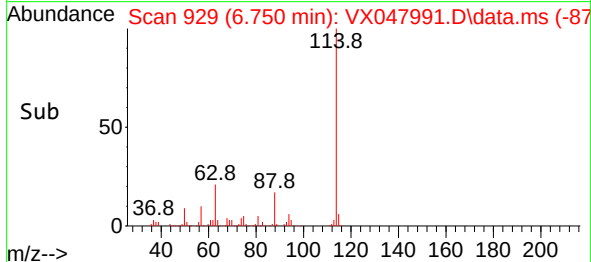
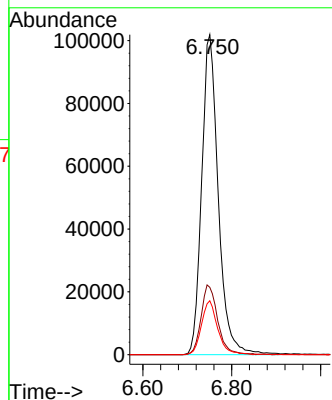
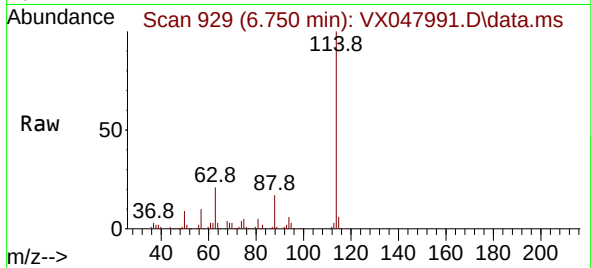




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

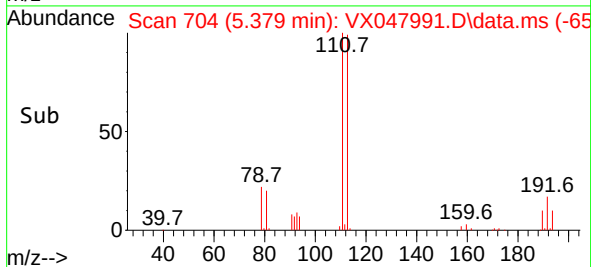
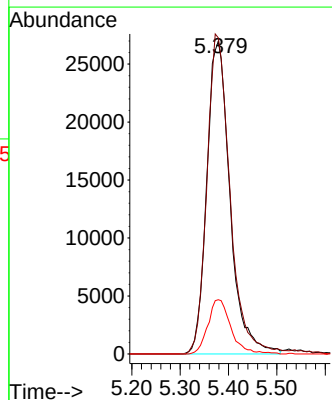
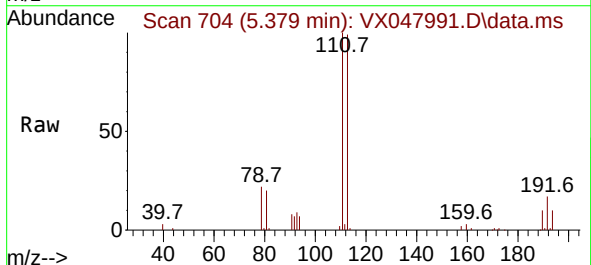
Instrument :
MSVOA_X
ClientSampleId :
SY-6

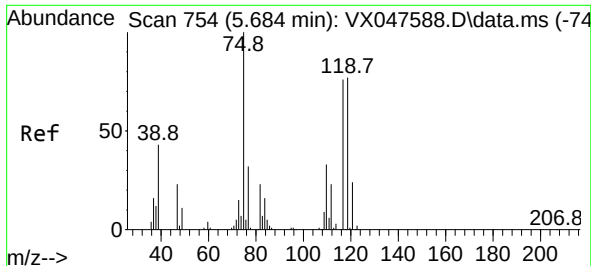
Tgt Ion:114 Resp: 264813
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.623 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion:113 Resp: 89906
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.3 14.2 21.4

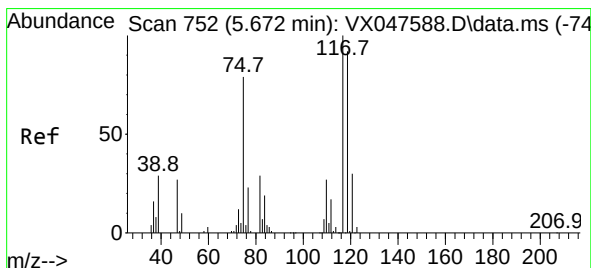
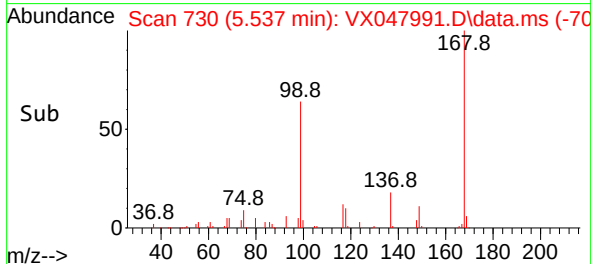
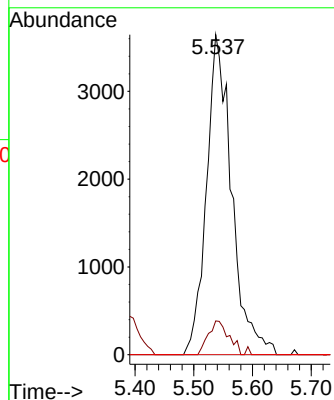
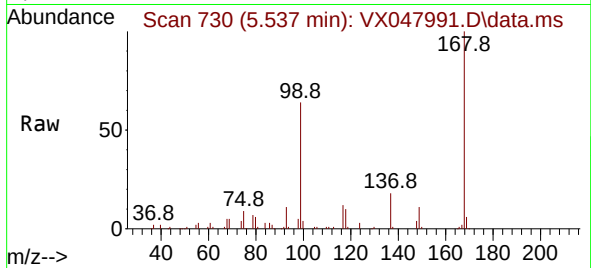




#36
1,1-Dichloropropene
Concen: 4.205 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.147 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

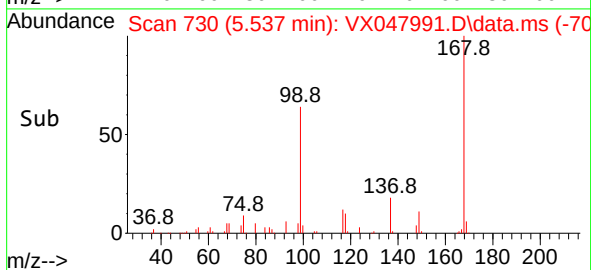
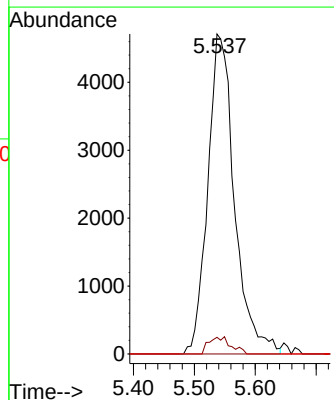
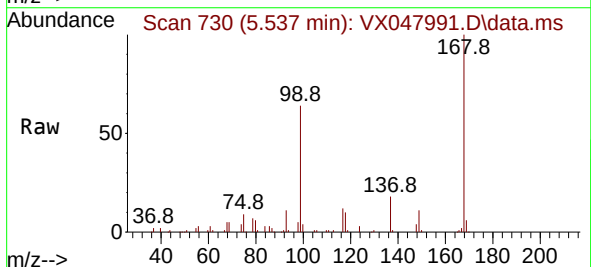
Instrument :
MSVOA_X
ClientSampleId :
SY-6

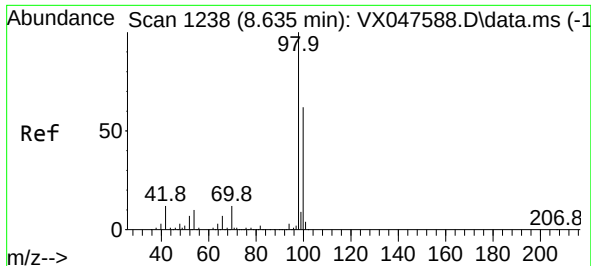
Tgt Ion: 75 Resp: 10912
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.088 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.135 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 117 Resp: 14345
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 23.8 35.6#

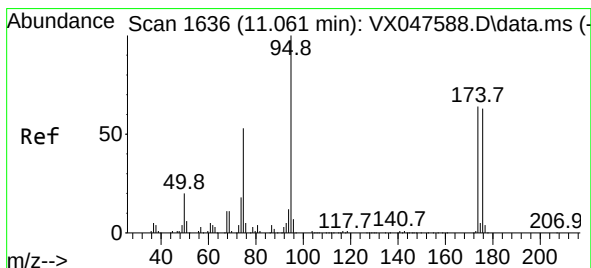
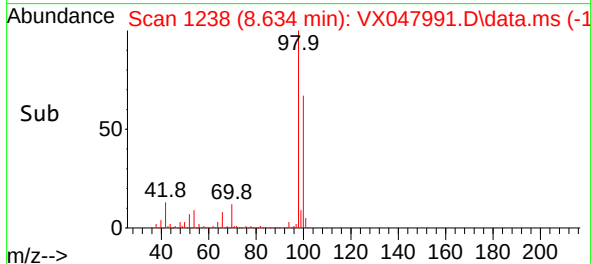
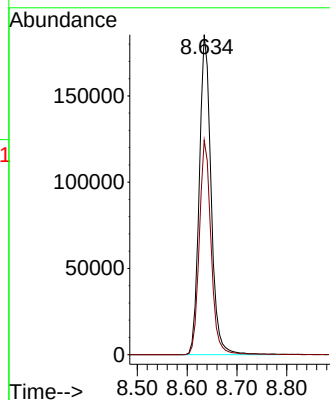
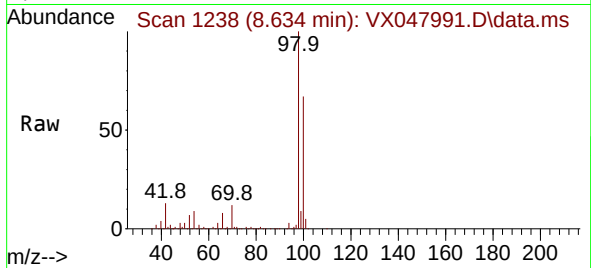




#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

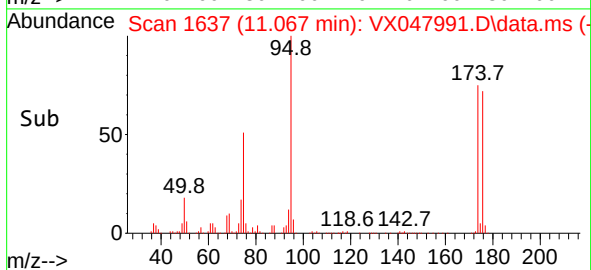
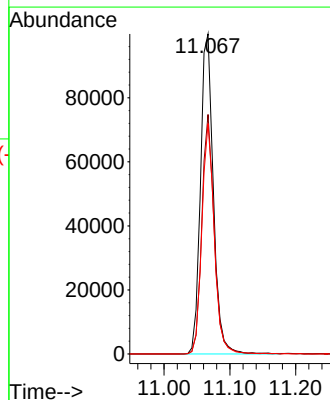
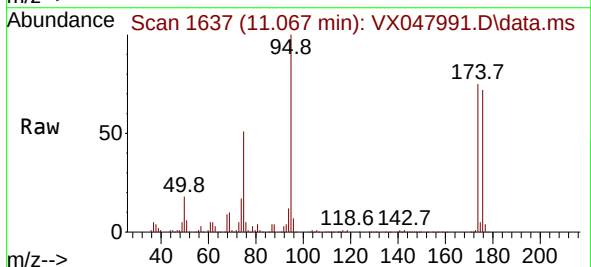
Instrument :
MSVOA_X
ClientSampleId :
SY-6

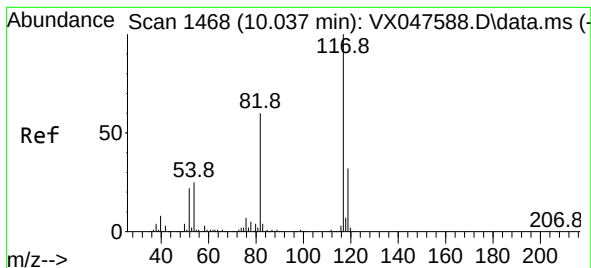
Tgt Ion: 98 Resp: 304608
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.254 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 95 Resp: 135861
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.5 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047991.D

Acq: 03 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

SY-6

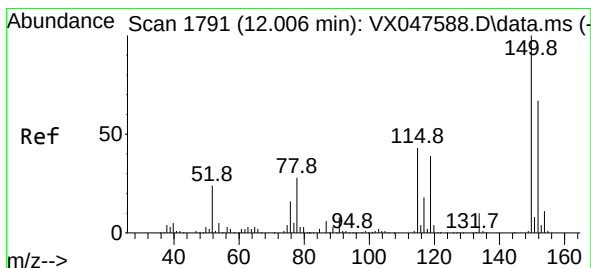
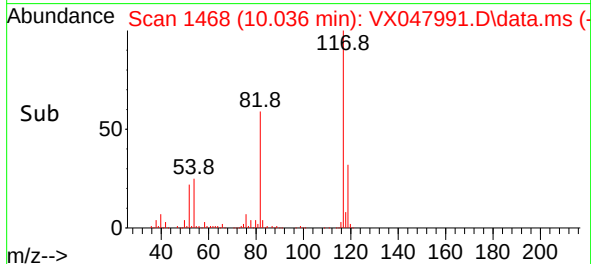
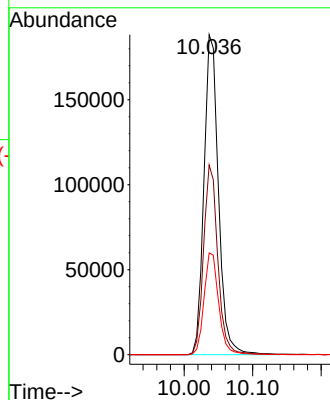
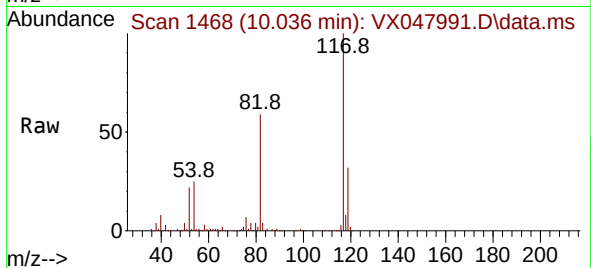
Tgt Ion:117 Resp: 277682

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.6

119 31.8 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: VX047991.D

Acq: 03 Oct 2025 14:11

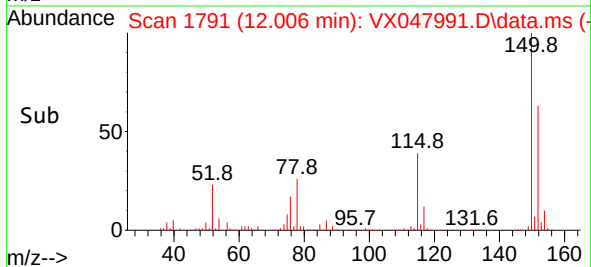
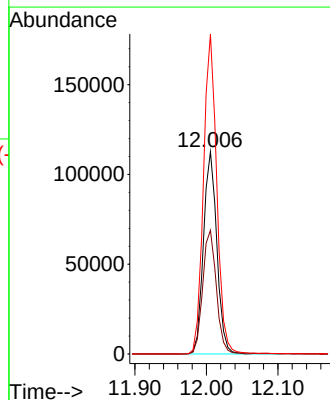
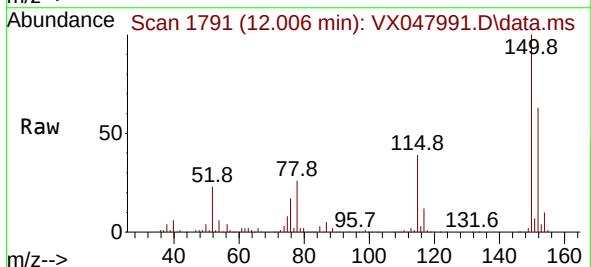
Tgt Ion:152 Resp: 147037

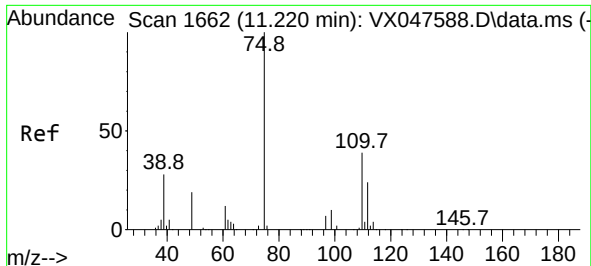
Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.7 0.0 352.0

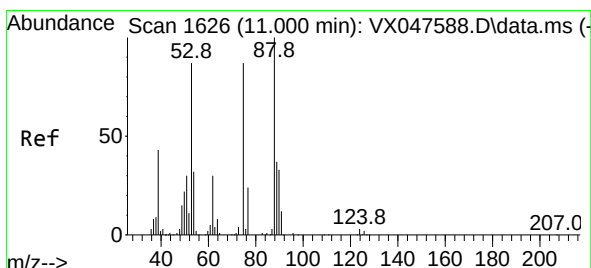
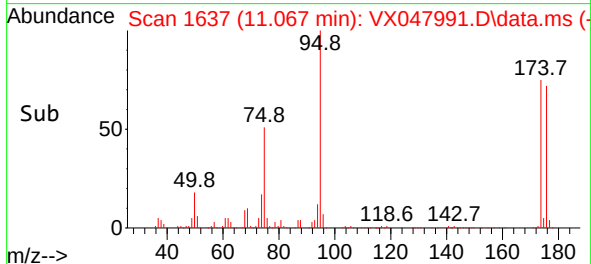
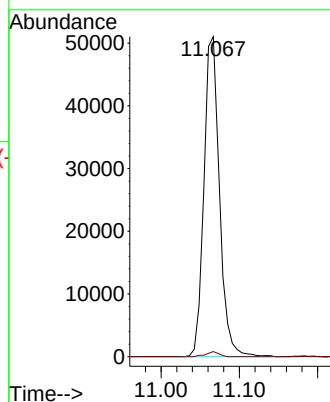
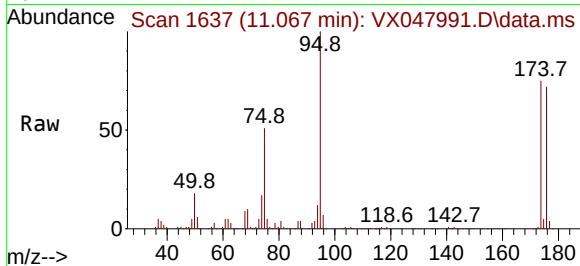




#76
1,2,3-Trichloropropane
Concen: 23.579 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.153 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
SY-6

Tgt Ion: 75 Resp: 70197
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.131 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 75 Resp: 70197
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

