

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048161.D
 Acq On : 14 Oct 2025 13:30
 Operator : JC/MD
 Sample : Q3311-15 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:43:36 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)

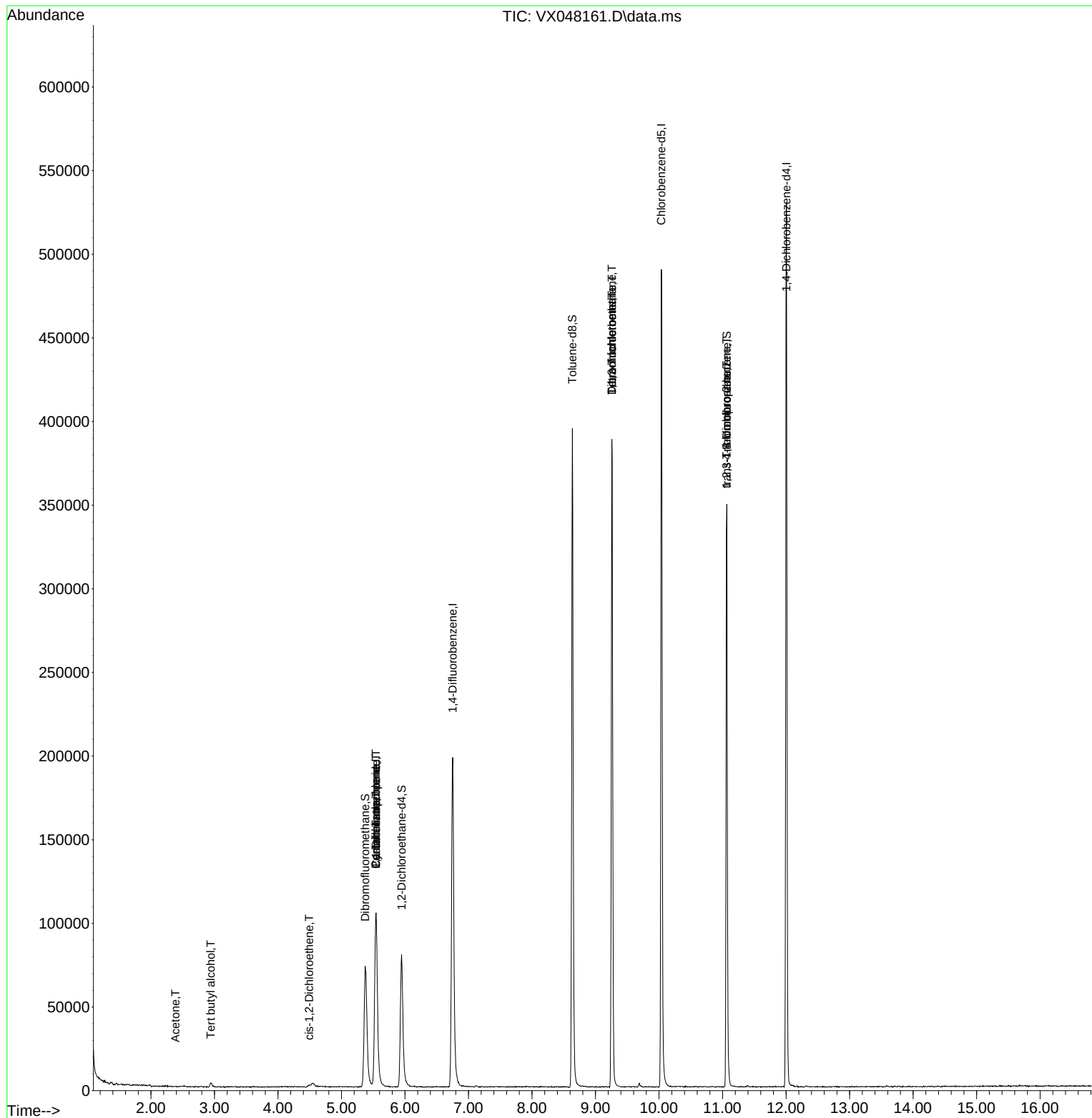
Internal Standards						
1) Pentafluorobenzene	5.543	168	103754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	213396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84733	51.307	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.620%	
35) Dibromofluoromethane	5.373	113	69492	48.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.120%	
50) Toluene-d8	8.634	98	243248	49.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	11.067	95	100436	53.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1327	7.215	ug/l #	72
16) Acetone	2.385	43	251	0.350	ug/l #	45
27) cis-1,2-Dichloroethene	4.489	96	466	0.287	ug/l	45
31) Cyclohexane	5.543	56	2439	1.118	ug/l #	15
36) 1,1-Dichloropropene	5.543	75	8865	4.239	ug/l #	52
38) Carbon Tetrachloride	5.543	117	11052	4.864	ug/l #	18
55) 1,1,2-Trichloroethane	9.256	97	866	0.574	ug/l #	21
60) Dibromochloromethane	9.256	129	74095	42.617	ug/l #	11
64) Tetrachloroethene	9.256	164	75223	50.884	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	54235	23.662	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	54235	60.342	ug/l #	8

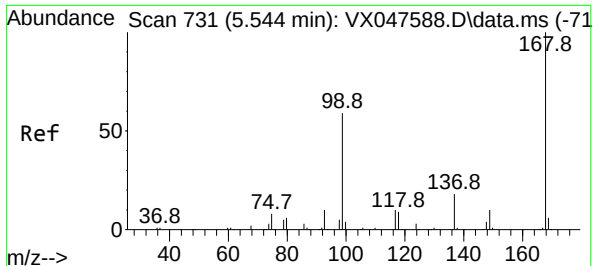
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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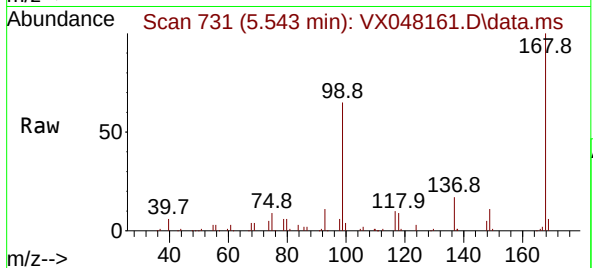
Quant Time: Oct 15 02:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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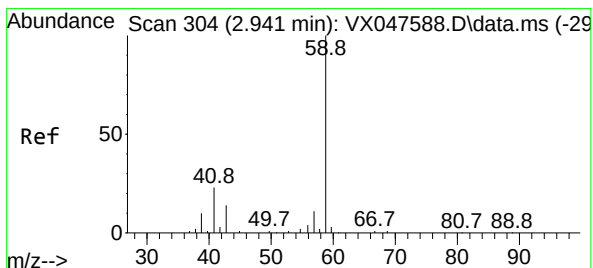
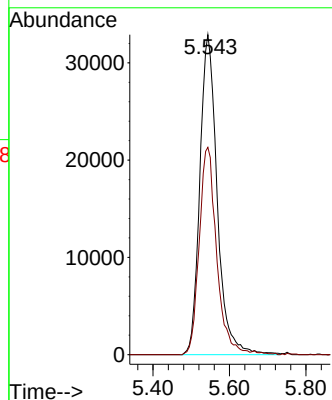
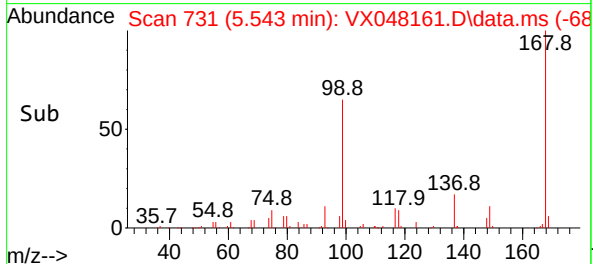


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :

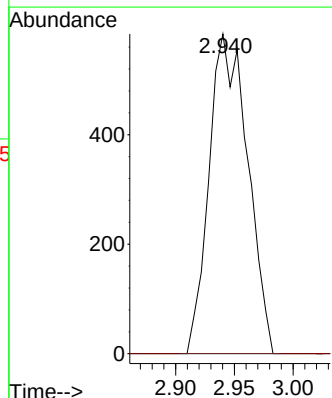
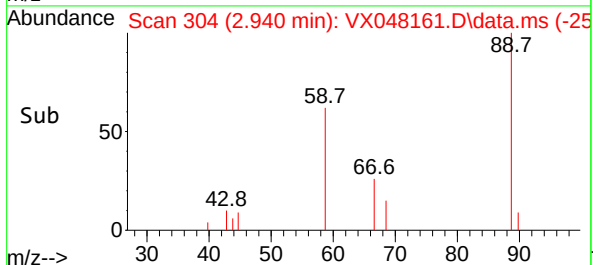
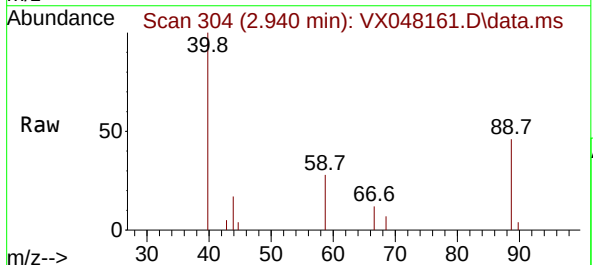


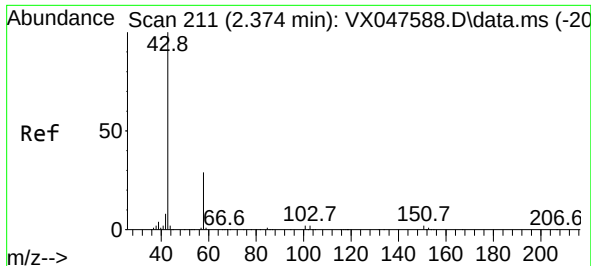
Tgt Ion:168 Resp: 103754
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 7.215 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

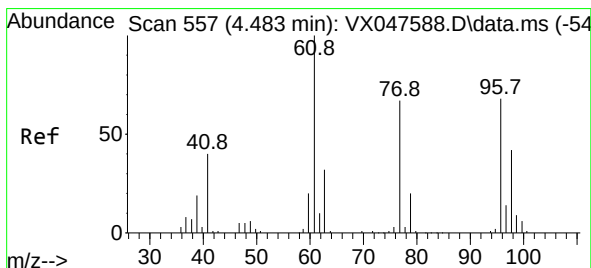
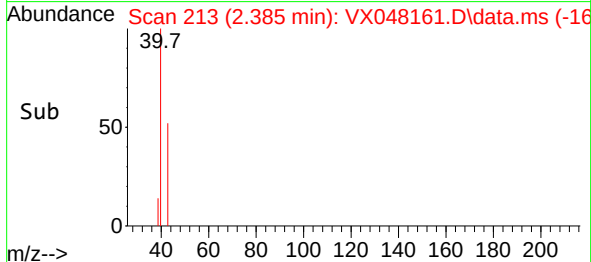
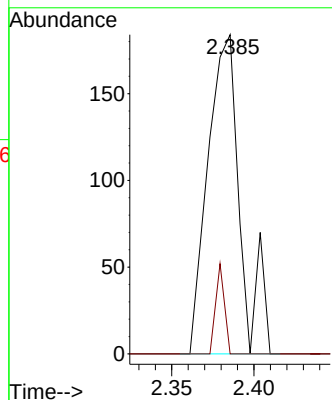
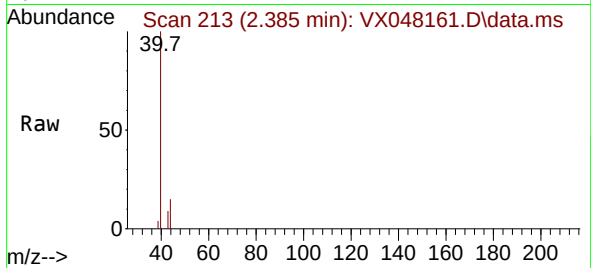




#16
Acetone
Concen: 0.350 ug/l
RT: 2.385 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

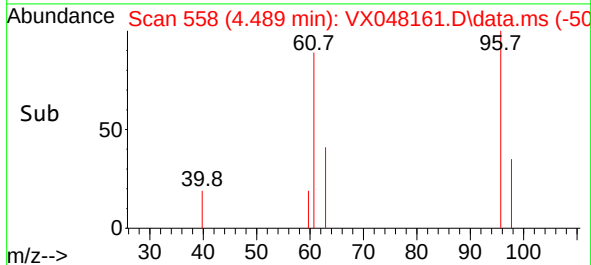
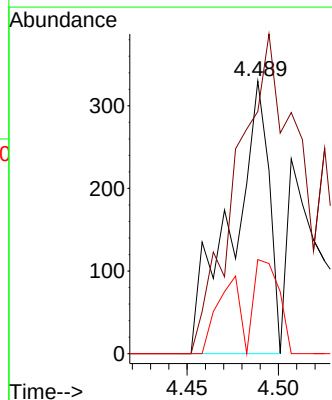
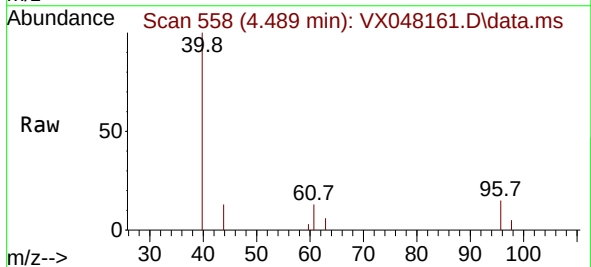
Instrument :
MSVOA_X
ClientSampleId :

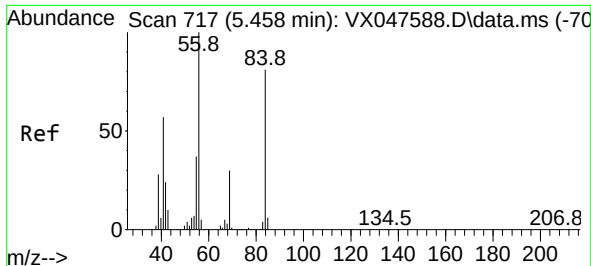
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#27
cis-1,2-Dichloroethene
Concen: 0.287 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

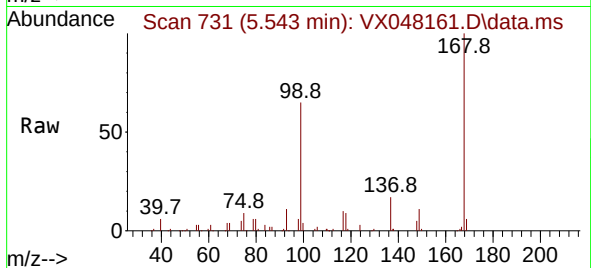
Tgt Ion: 96 Resp: 466
Ion Ratio Lower Upper
96 100
61 223.6 0.0 303.2
98 23.4 0.0 127.8



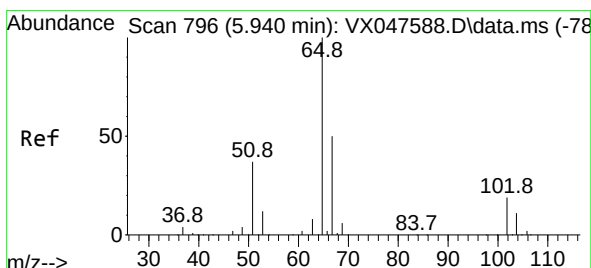
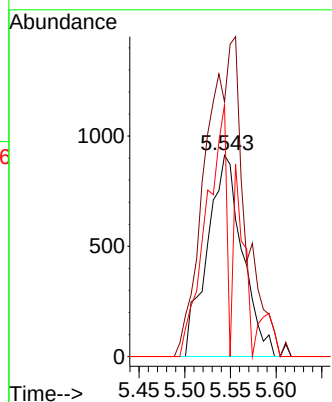
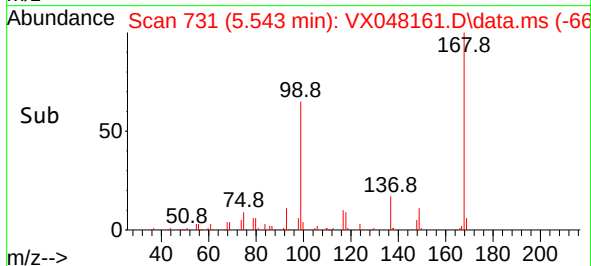


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.543 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :

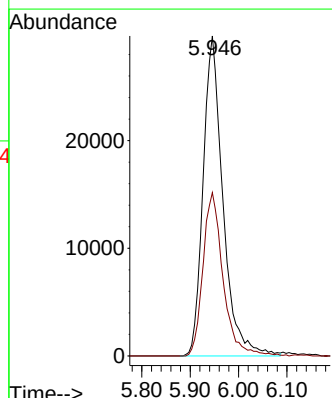
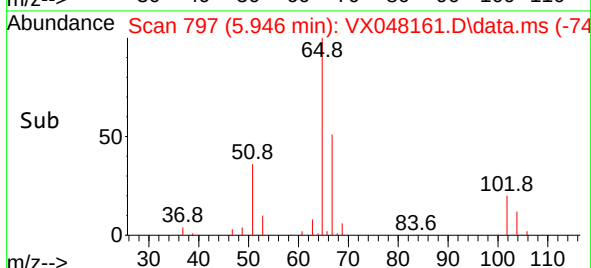
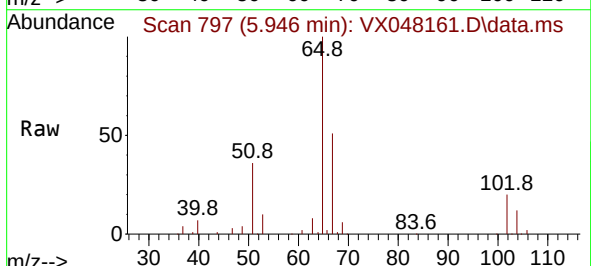


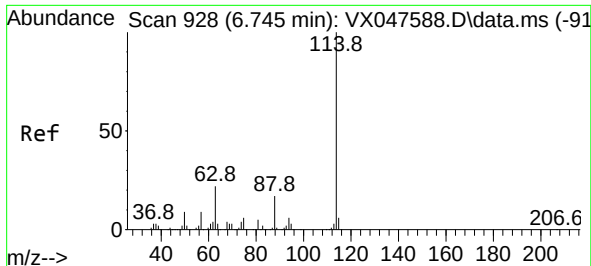
Tgt Ion: 56 Resp: 2439
Ion Ratio Lower Upper
56 100
69 126.5 23.8 35.8#
84 125.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.307 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

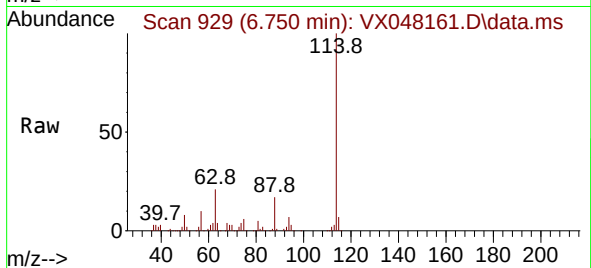
Tgt Ion: 65 Resp: 84733
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



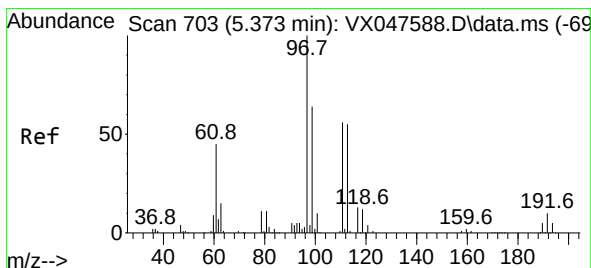
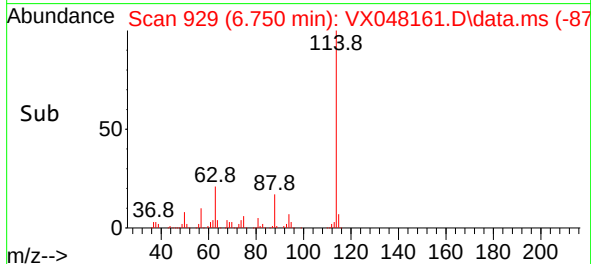
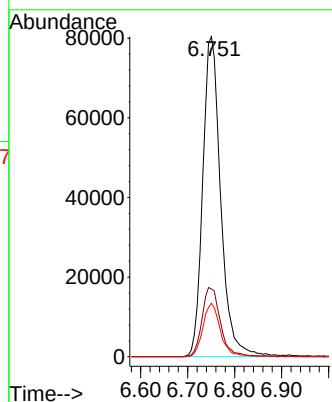


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :

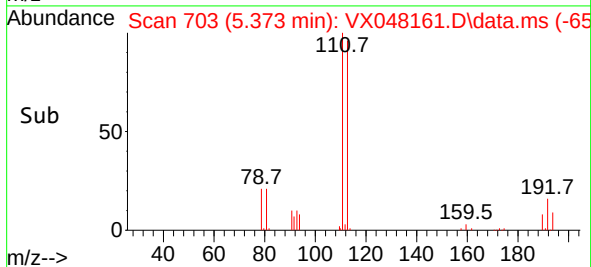
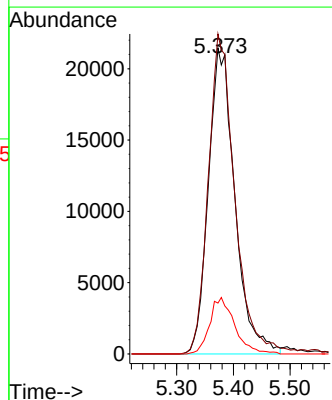
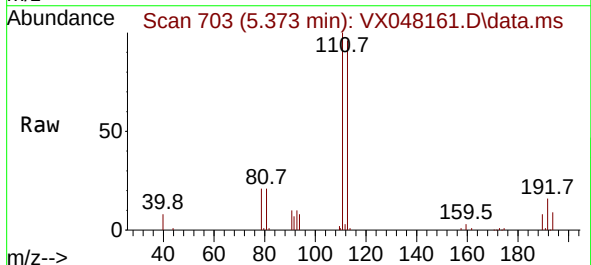


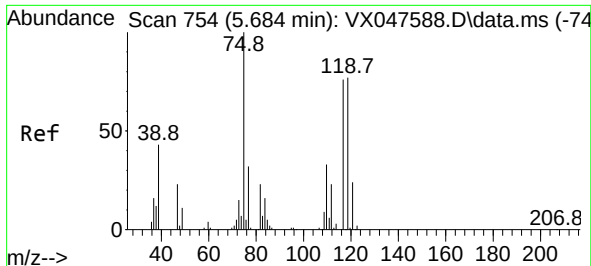
Tgt Ion:114 Resp: 213396
Ion Ratio Lower Upper
114 100
63 24.8 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.557 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion:113 Resp: 69492
Ion Ratio Lower Upper
113 100
111 104.5 80.9 121.3
192 17.5 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.141 min

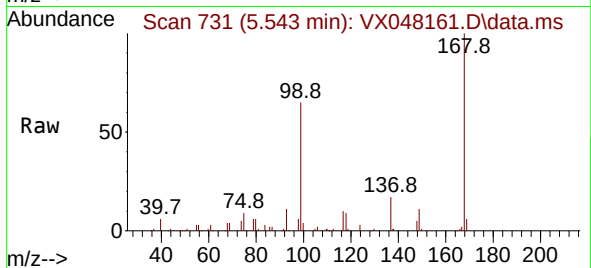
Lab File: VX048161.D

Acq: 14 Oct 2025 13:30

Instrument :

MSVOA_X

ClientSampleId :



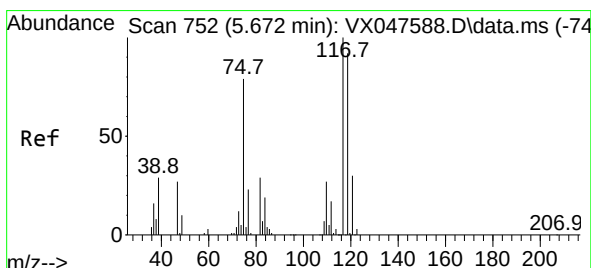
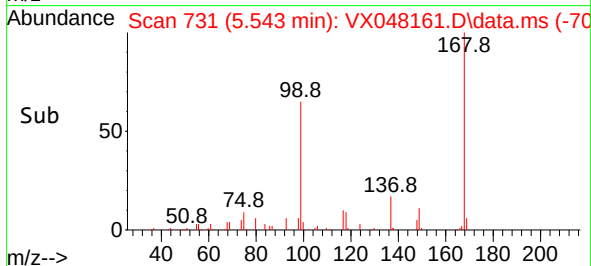
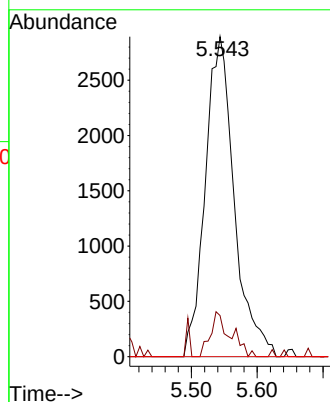
Tgt Ion: 75 Resp: 8865

Ion Ratio Lower Upper

75 100

110 9.7 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.864 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX048161.D

Acq: 14 Oct 2025 13:30

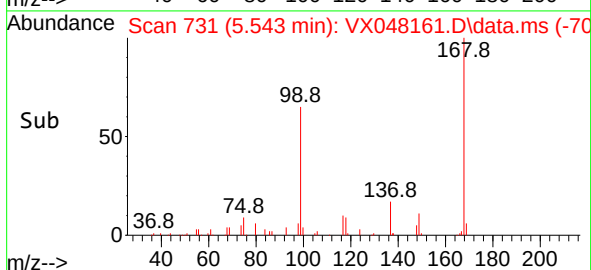
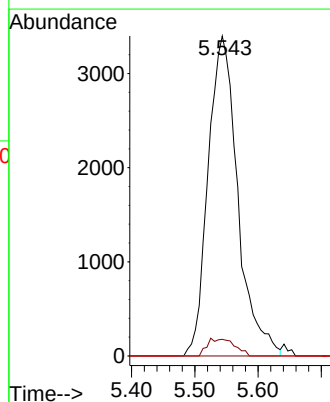
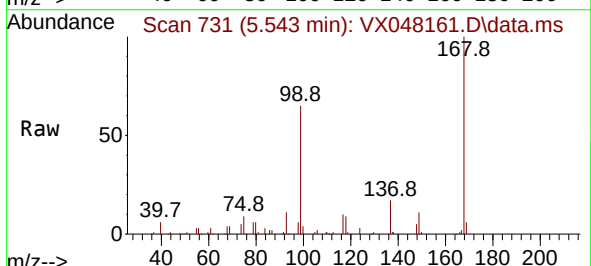
Tgt Ion: 117 Resp: 11052

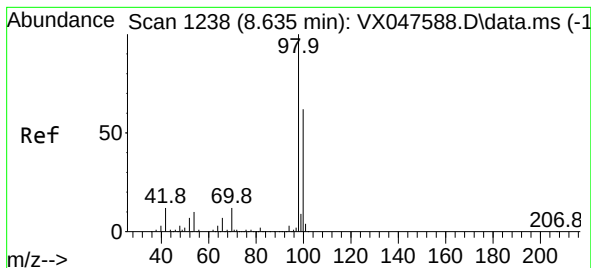
Ion Ratio Lower Upper

117 100

119 5.2 73.4 110.2#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.121 ug/l

RT: 8.634 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048161.D

Acq: 14 Oct 2025 13:30

Instrument :

MSVOA_X

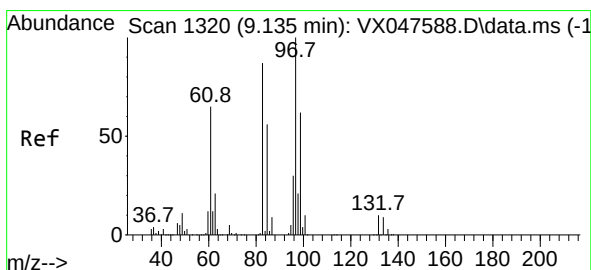
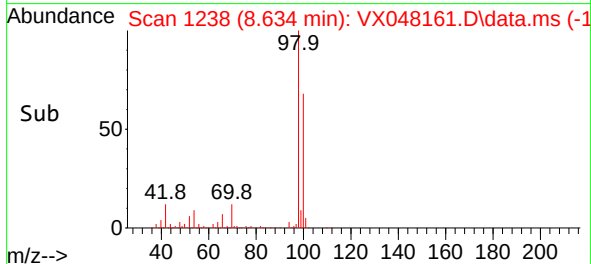
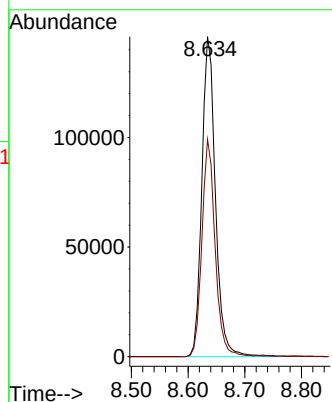
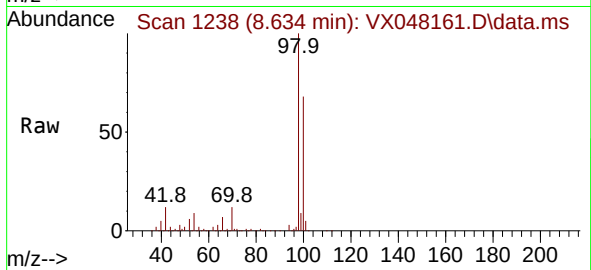
ClientSampleId :

Tgt Ion: 98 Resp: 243248

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#55

1,1,2-Trichloroethane

Concen: 0.574 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. 0.122 min

Lab File: VX048161.D

Acq: 14 Oct 2025 13:30

Tgt Ion: 97 Resp: 866

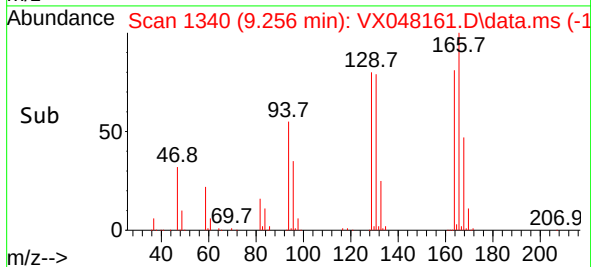
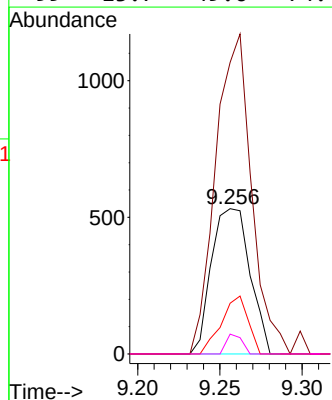
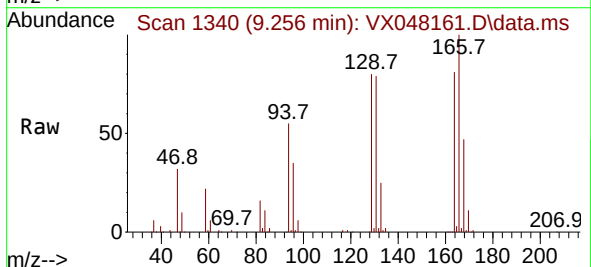
Ion Ratio Lower Upper

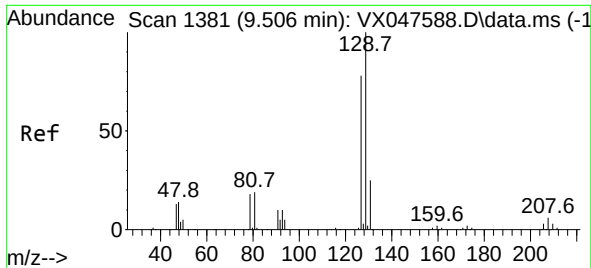
97 100

83 200.6 69.6 104.4#

85 35.0 45.0 67.6#

99 13.7 49.6 74.4#

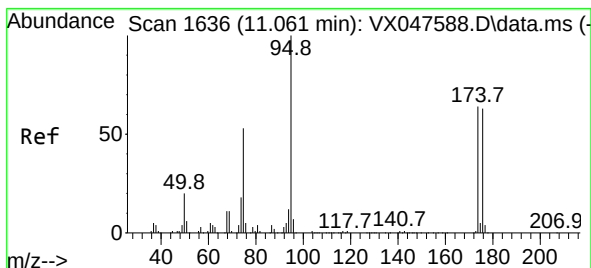
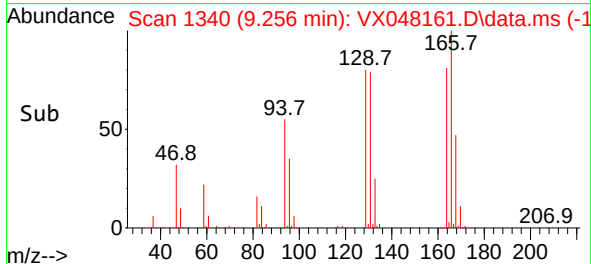
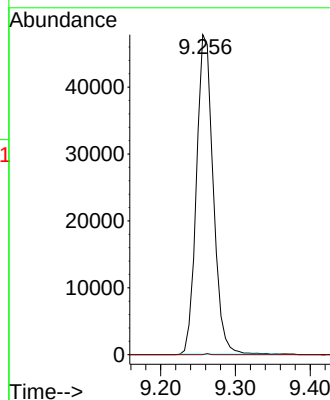
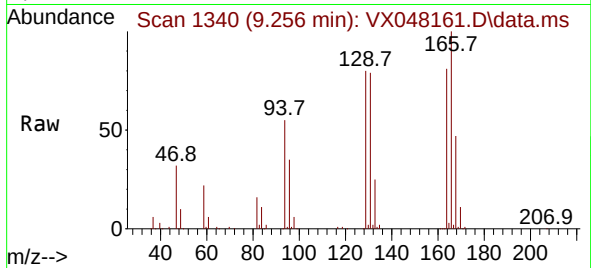




#60
Dibromochloromethane
Concen: 42.617 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

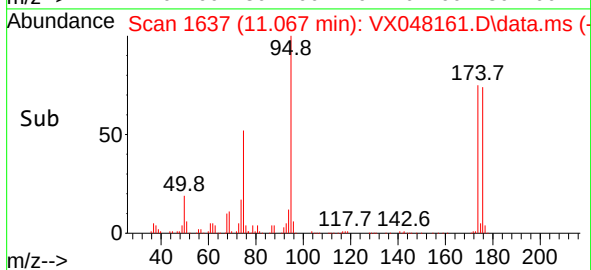
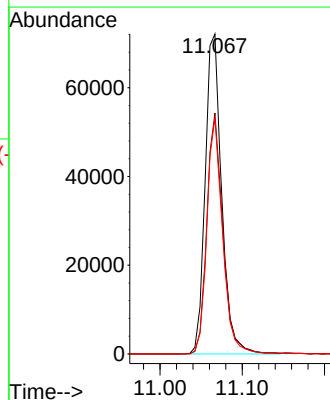
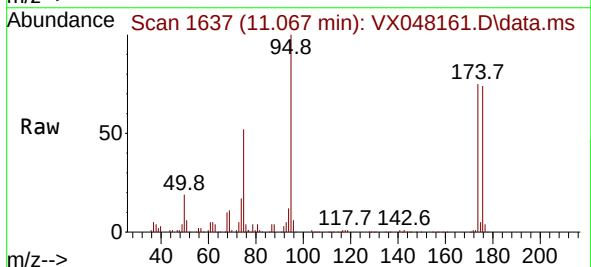
Instrument :
MSVOA_X
ClientSampleId :

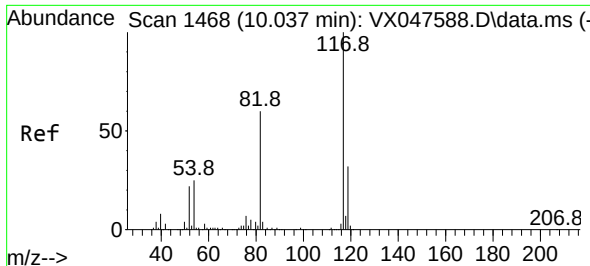
Tgt Ion:129 Resp: 74095
Ion Ratio Lower Upper
129 100
127 0.1 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 53.441 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

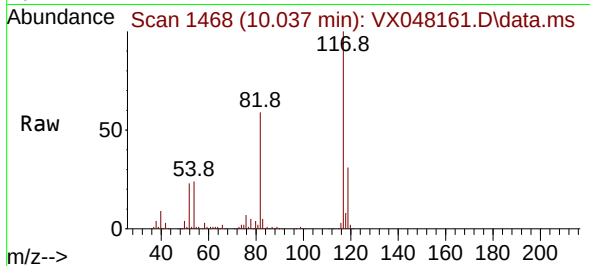
Tgt Ion: 95 Resp: 100436
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.6
176 70.3 0.0 138.4



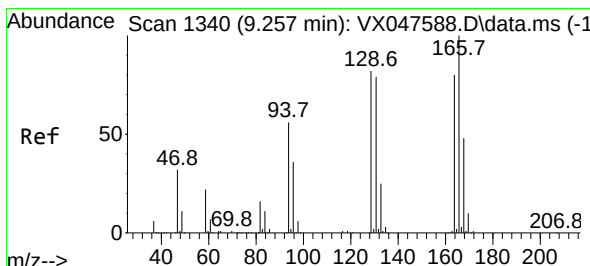
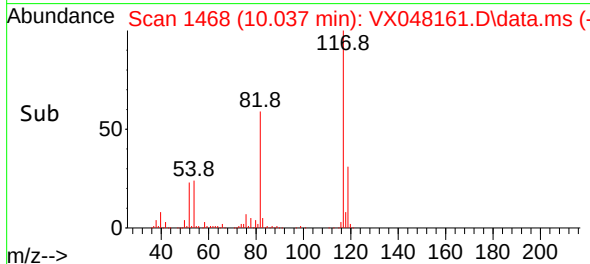
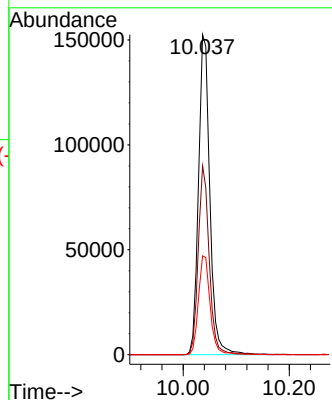


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :

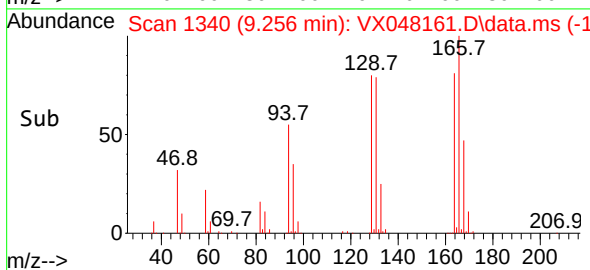
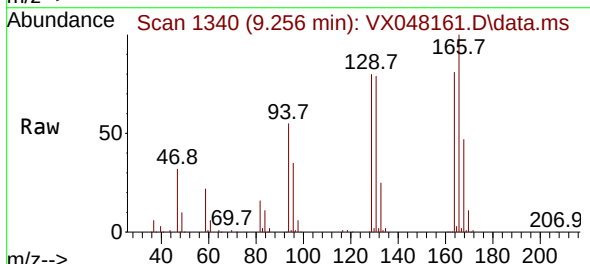
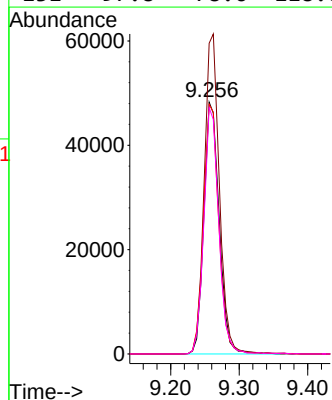


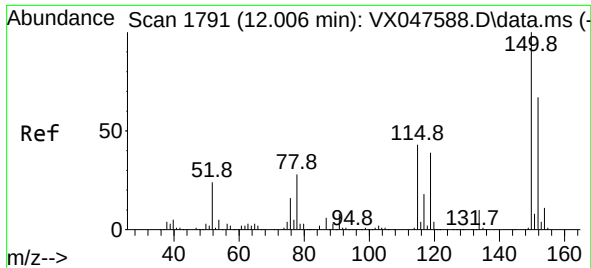
Tgt Ion:117 Resp: 226773
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 30.9 25.2 37.8



#64
Tetrachloroethene
Concen: 50.884 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion:164 Resp: 75223
Ion Ratio Lower Upper
164 100
166 123.3 100.2 150.2
129 99.1 81.8 122.6
131 97.8 78.6 118.0

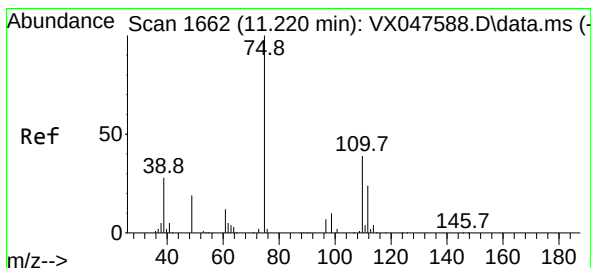
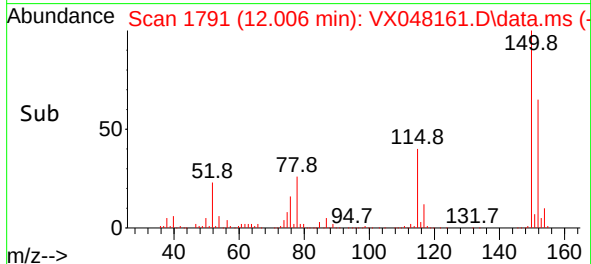
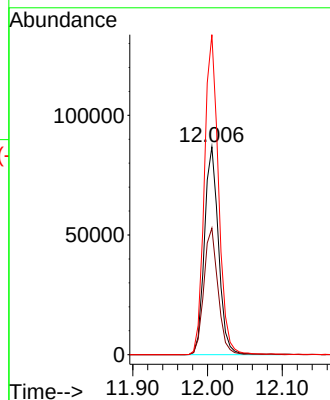
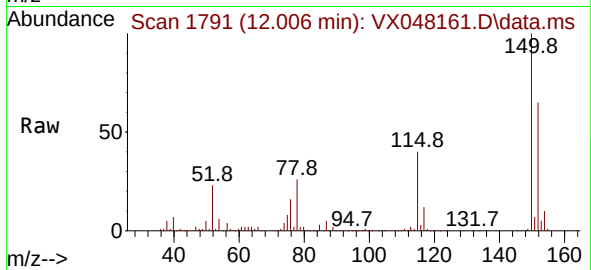




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048161.D
 Acq: 14 Oct 2025 13:30

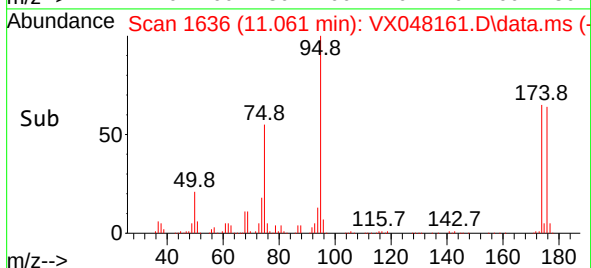
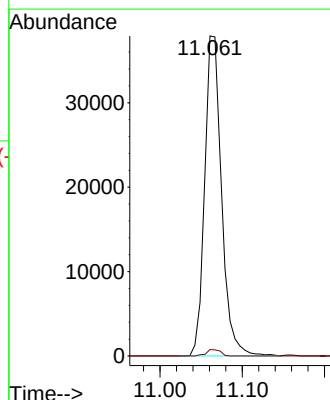
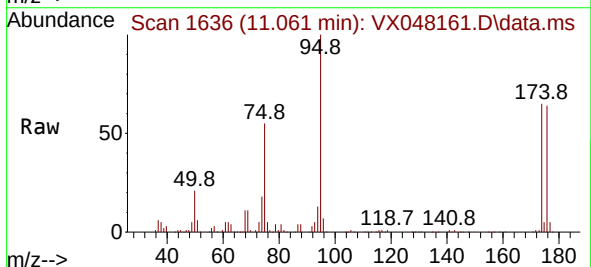
Instrument :
 MSVOA_X
 ClientSampleId :

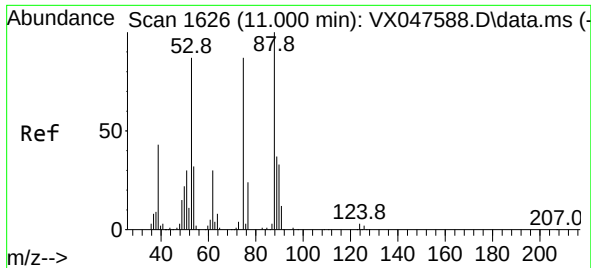
Tgt Ion:152 Resp: 113205
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.9 134.5
 150 154.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.662 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048161.D
 Acq: 14 Oct 2025 13:30

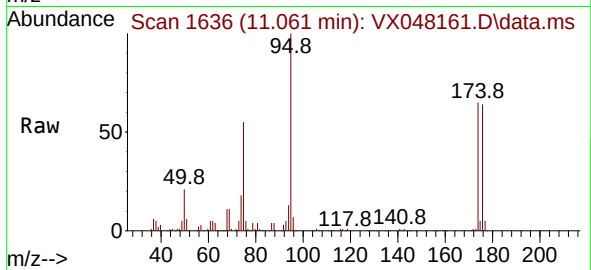
Tgt Ion: 75 Resp: 54235
 Ion Ratio Lower Upper
 75 100
 77 1.7 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.342 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048161.D
 Acq: 14 Oct 2025 13:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 54235
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

