

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048090.D
 Acq On : 09 Oct 2025 16:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:27:17 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)

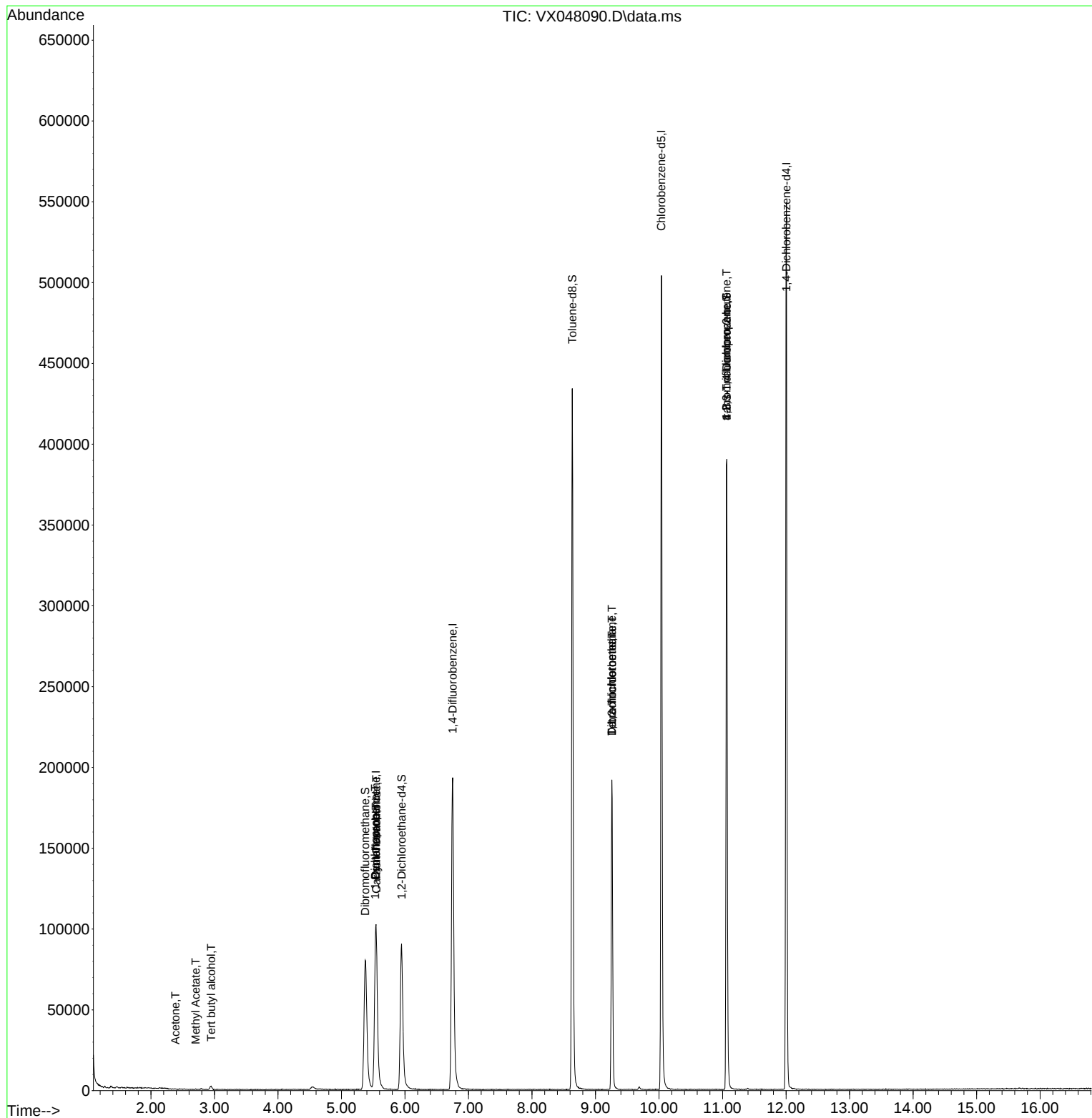
Internal Standards						
1) Pentafluorobenzene	5.544	168	102037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	211354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	225749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97785	60.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.420%#			
35) Dibromofluoromethane	5.373	113	78534	55.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.800%			
50) Toluene-d8	8.635	98	265497	54.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.260%			
62) 4-Bromofluorobenzene	11.061	95	115911	62.270	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.540%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1067	5.899	ug/l #	72
16) Acetone	2.386	43	391	0.554	ug/l #	45
18) Methyl Acetate	2.703	43	417	0.265	ug/l #	54
31) Cyclohexane	5.544	56	2404	1.120	ug/l #	5
36) 1,1-Dichloropropene	5.531	75	9065	4.377	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10742	4.773	ug/l #	19
55) 1,1,2-Trichloroethane	9.256	97	312	0.209	ug/l #	1
60) Dibromochloromethane	9.256	129	37096	21.543	ug/l #	11
64) Tetrachloroethene	9.256	164	37449	25.447	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	60990	26.125	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	60990	66.621	ug/l #	8

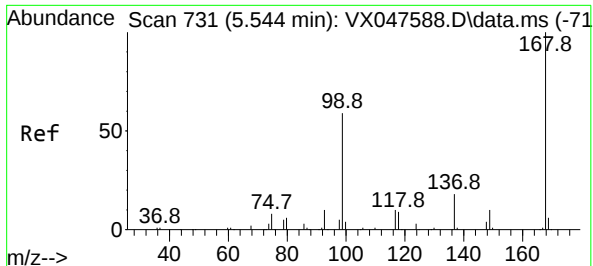
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048090.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
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IBLK

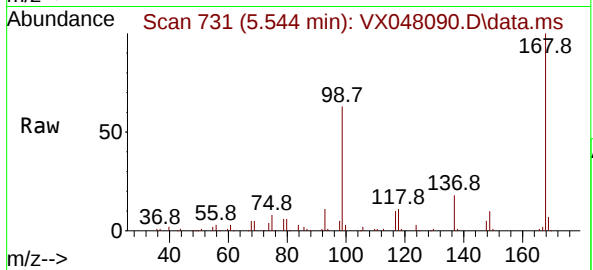
Quant Time: Oct 10 01:27:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



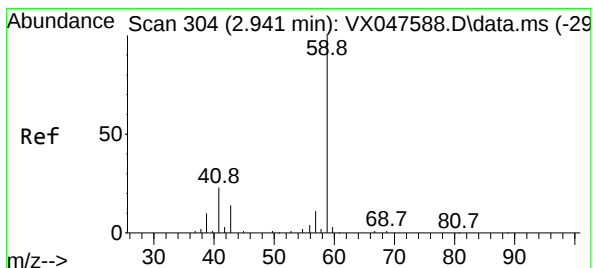
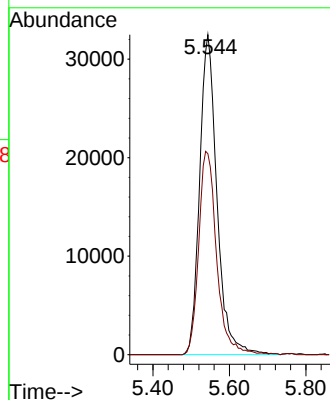
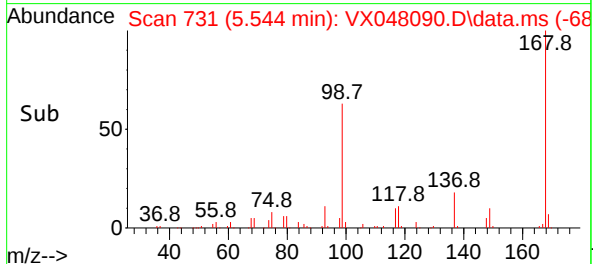


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

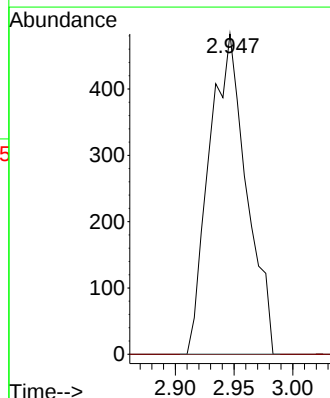
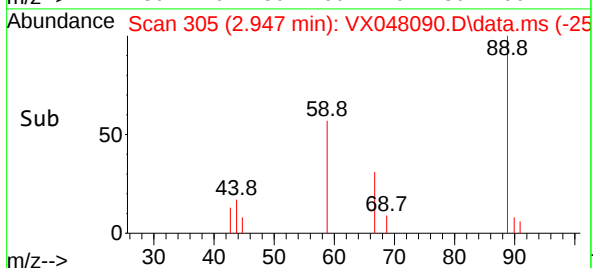
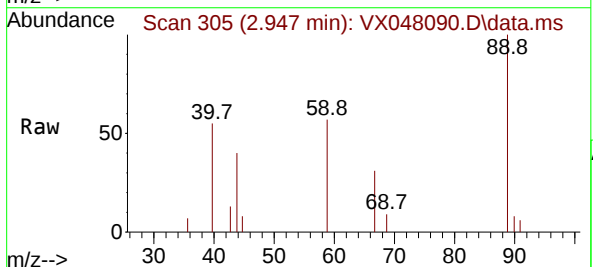


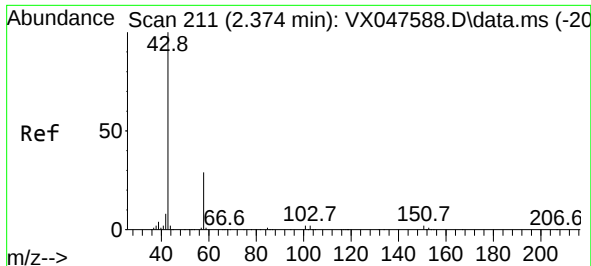
Tgt Ion:168 Resp: 102037
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.899 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

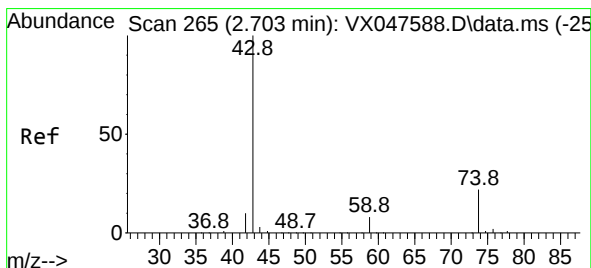
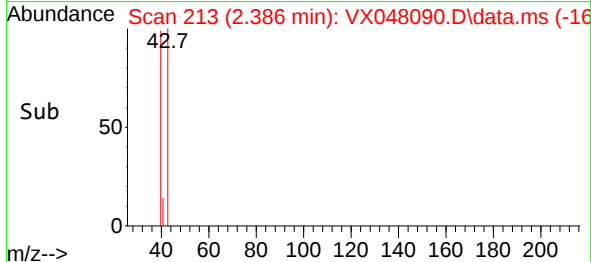
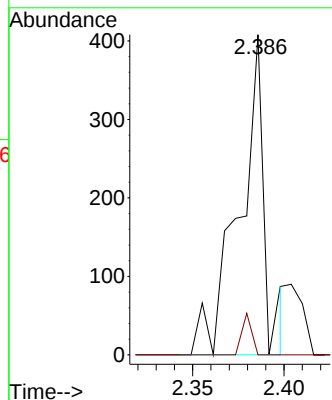
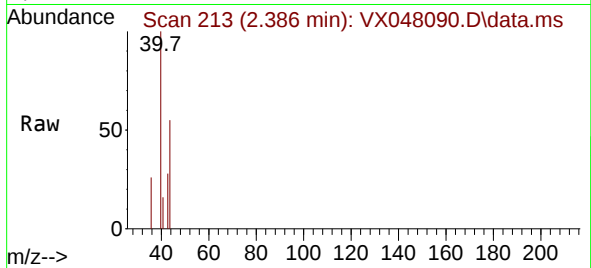




#16
Acetone
Concen: 0.554 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

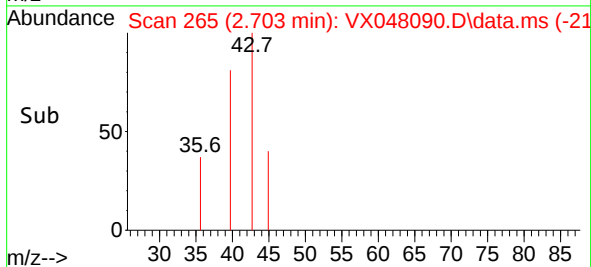
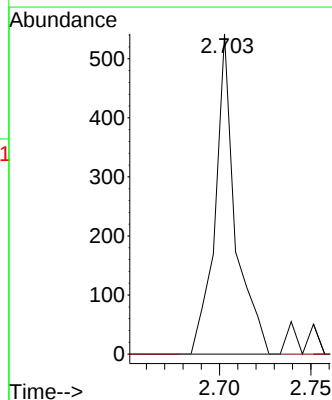
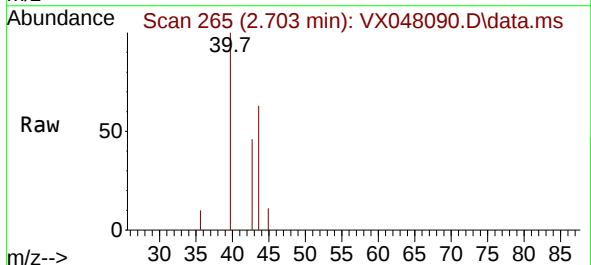
Instrument :
MSVOA_X
ClientSampleId :
IBLK

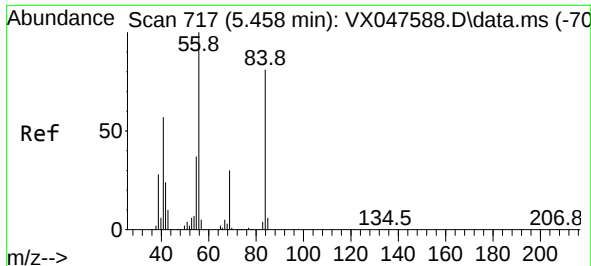
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

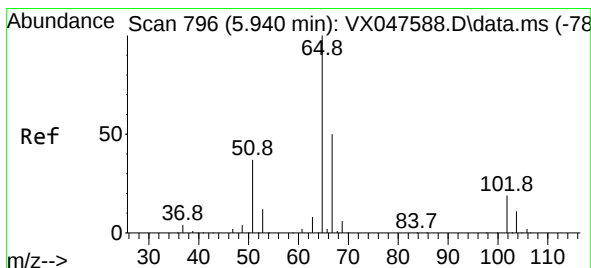
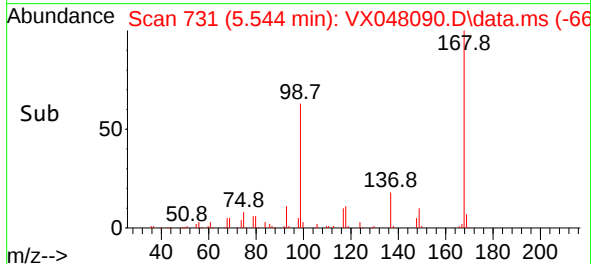
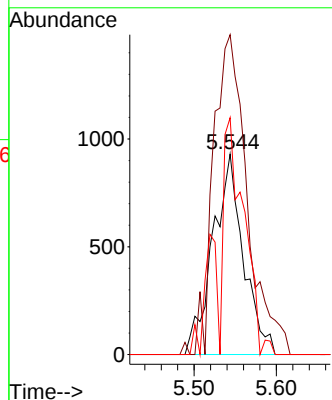
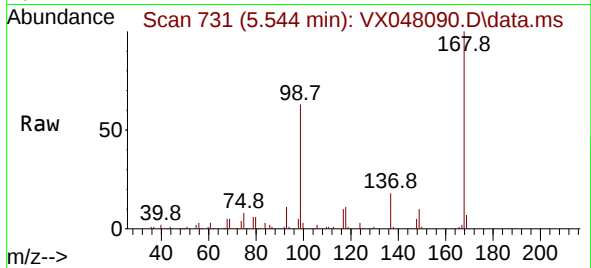




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

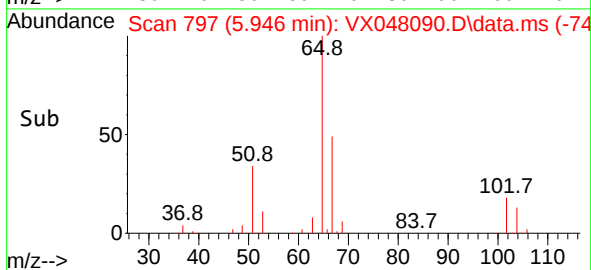
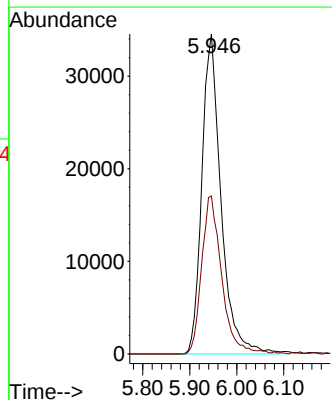
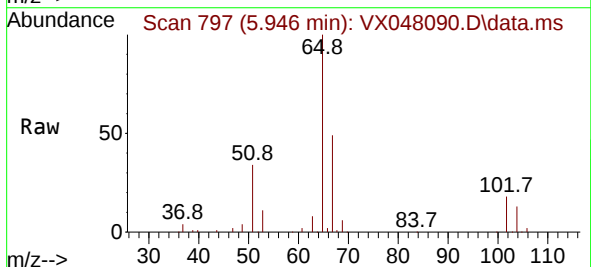
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 2404
Ion Ratio Lower Upper
56 100
69 159.6 23.8 35.8#
84 118.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 60.206 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 65 Resp: 97785
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

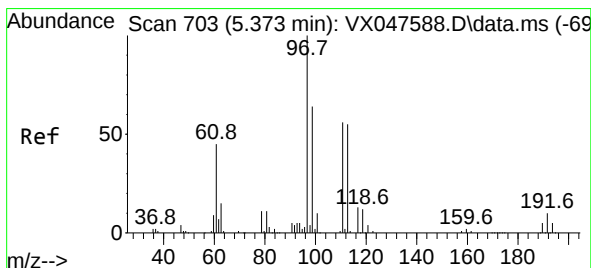
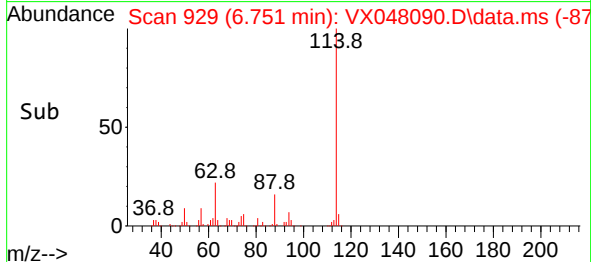
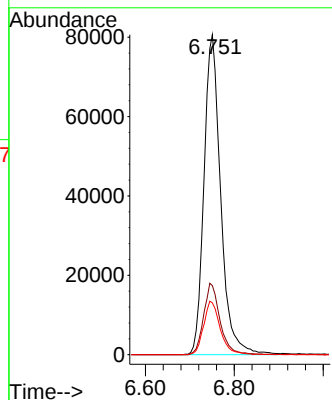
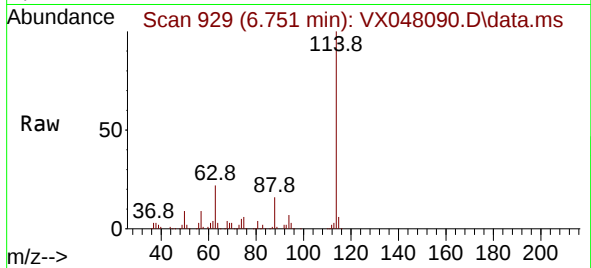




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

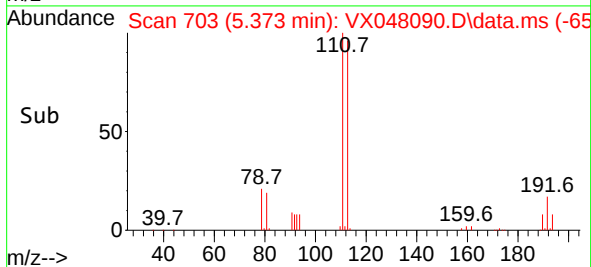
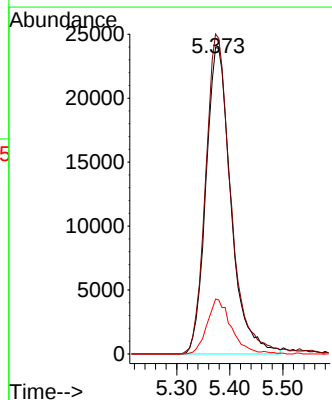
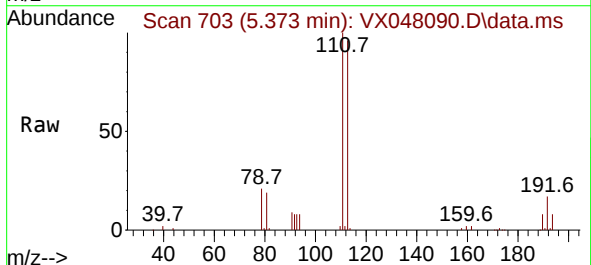
Instrument :
MSVOA_X
ClientSampleId :
IBLK

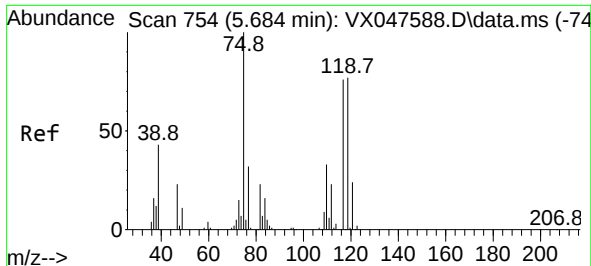
Tgt Ion:114 Resp: 211354
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 55.405 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion:113 Resp: 78534
Ion Ratio Lower Upper
113 100
111 104.7 80.9 121.3
192 17.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 5.531 min Scan# 71

Delta R.T. -0.153 min

Lab File: VX048090.D

Acq: 09 Oct 2025 16:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

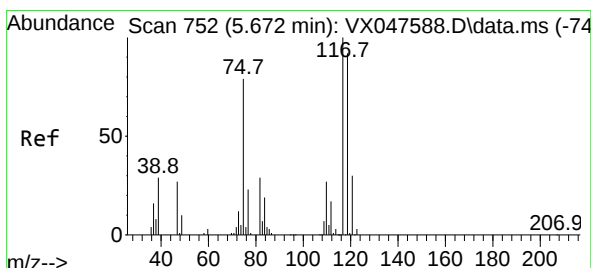
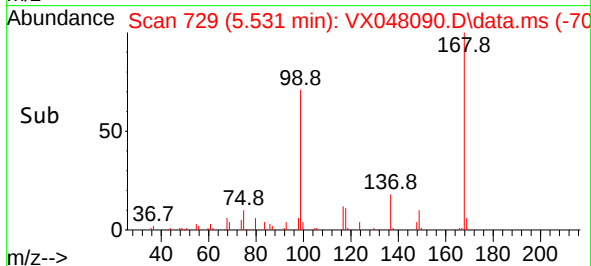
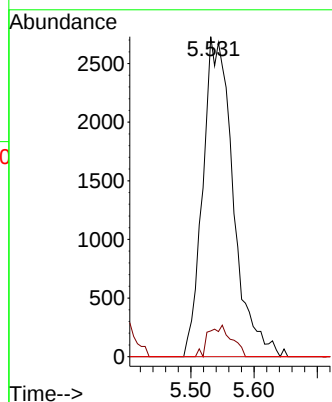
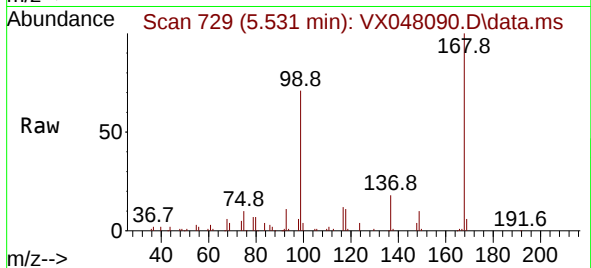
Tgt Ion: 75 Resp: 9065

Ion Ratio Lower Upper

75 100

110 7.6 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.773 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX048090.D

Acq: 09 Oct 2025 16:24

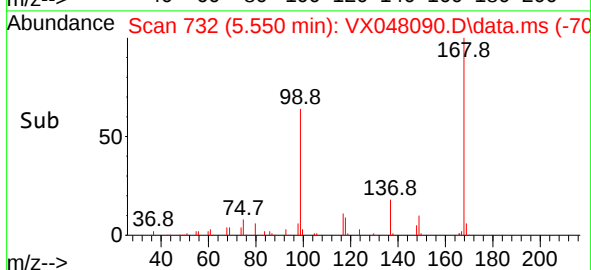
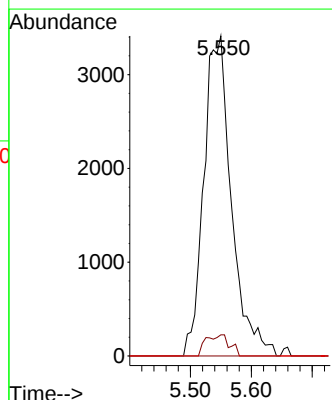
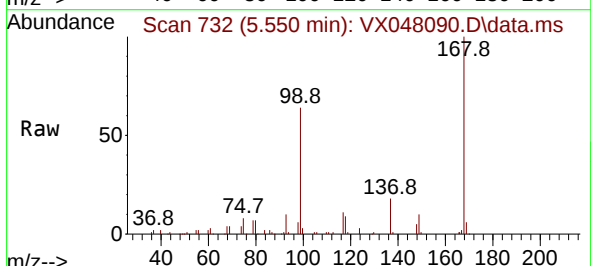
Tgt Ion: 117 Resp: 10742

Ion Ratio Lower Upper

117 100

119 6.6 73.4 110.2#

121 0.0 23.8 35.6#

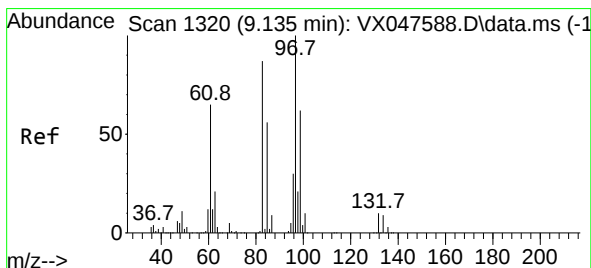
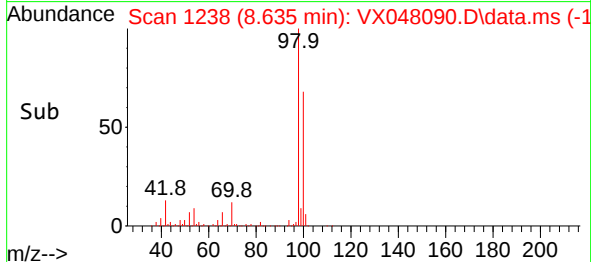
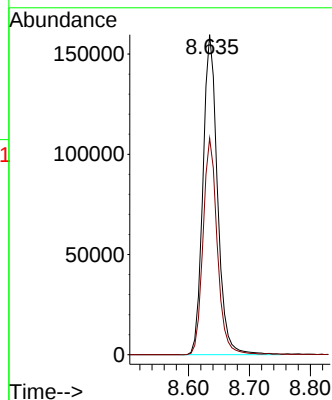
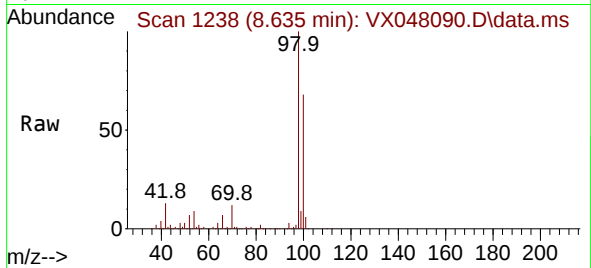




#50
Toluene-d8
Concen: 54.131 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

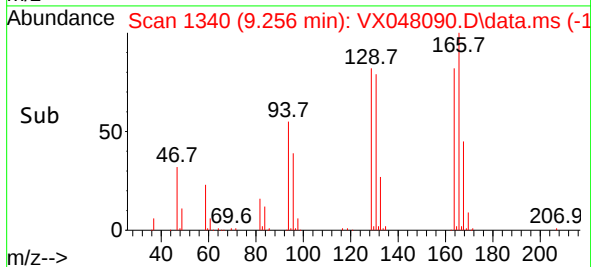
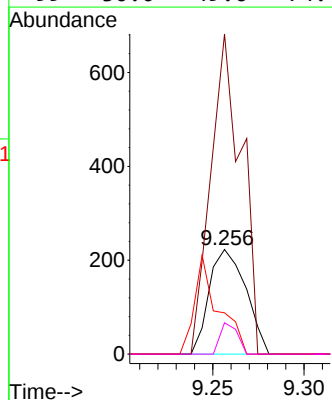
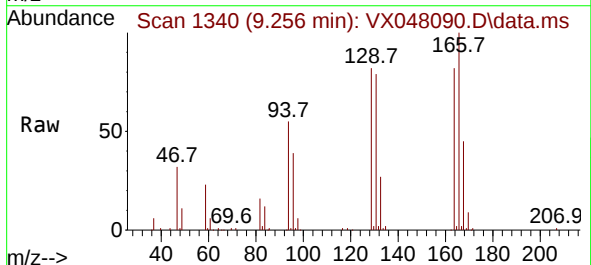
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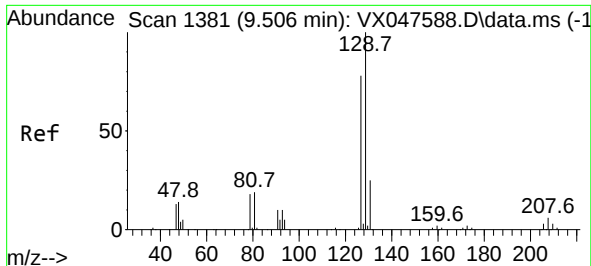
Tgt Ion: 98 Resp: 265497
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#55
1,1,2-Trichloroethane
Concen: 0.209 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.122 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 97 Resp: 312
Ion Ratio Lower Upper
97 100
83 305.8 69.6 104.4#
85 202.2 45.0 67.6#
99 30.0 49.6 74.4#

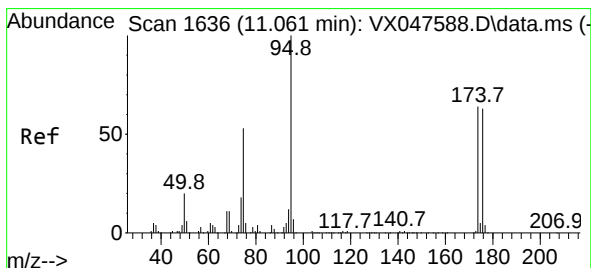
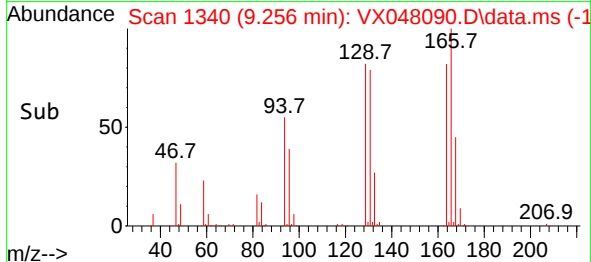
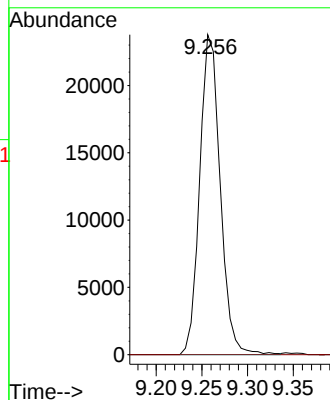
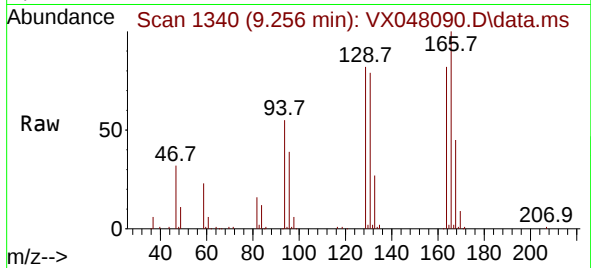




#60
Dibromochloromethane
Concen: 21.543 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

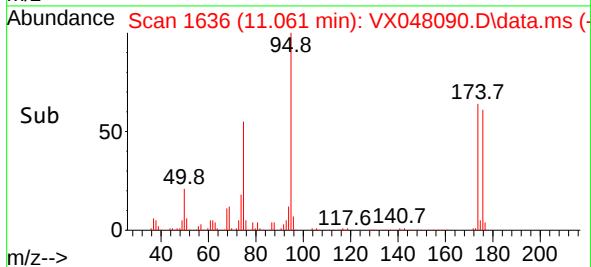
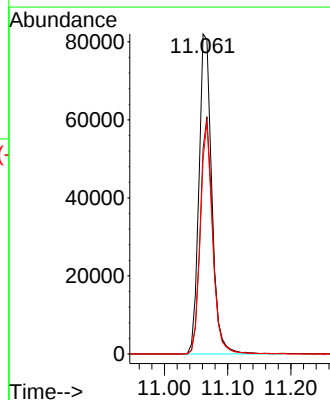
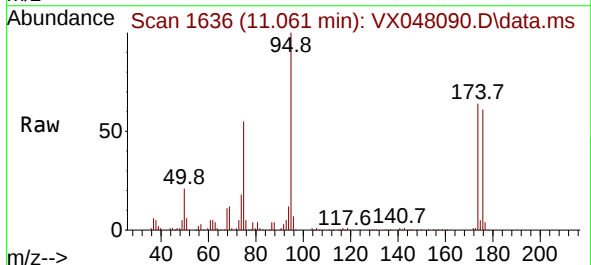
Instrument :
MSVOA_X
ClientSampleId :
IBLK

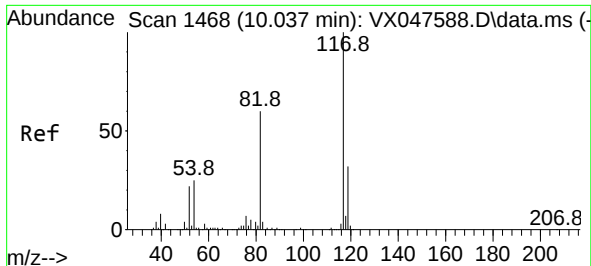
Tgt Ion:129 Resp: 37096
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 62.270 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 95 Resp: 115911
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 68.8 0.0 138.4

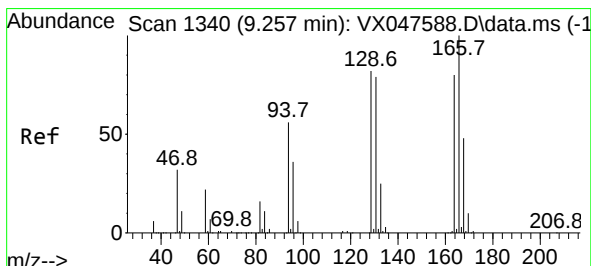
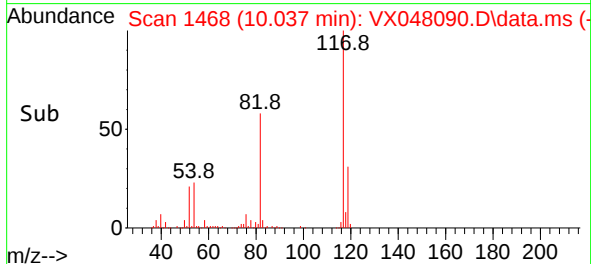
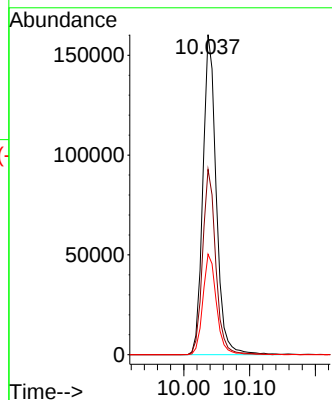
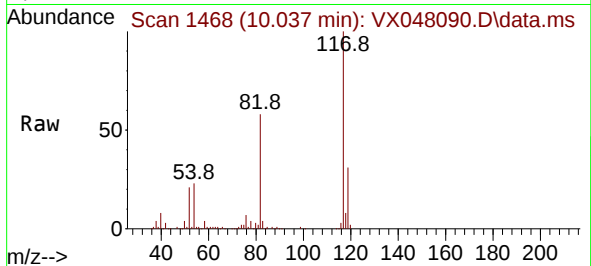




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

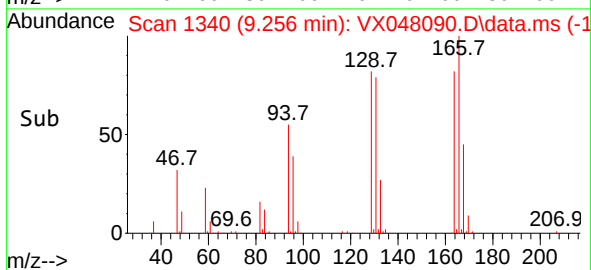
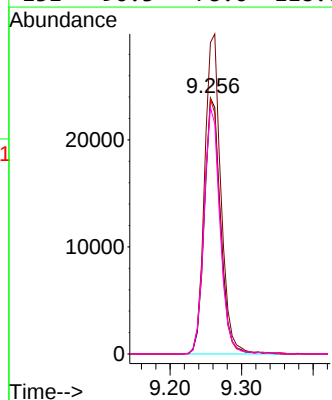
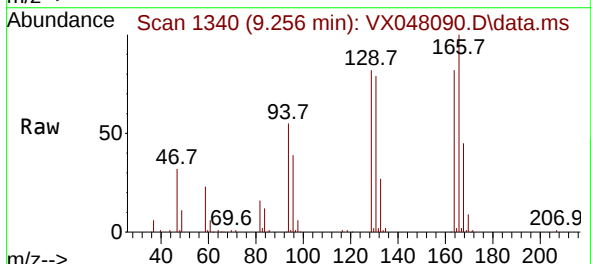
Instrument :
MSVOA_X
ClientSampleId :
IBLK

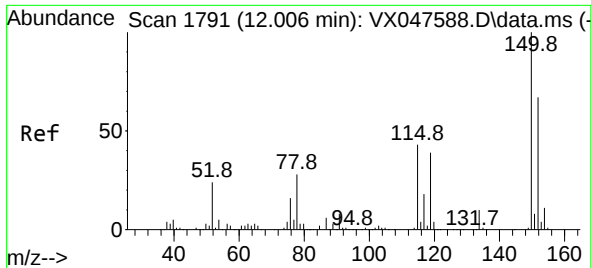
Tgt Ion:117 Resp: 225749
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 31.4 25.2 37.8



#64
Tetrachloroethene
Concen: 25.447 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion:164 Resp: 37449
Ion Ratio Lower Upper
164 100
166 121.6 100.2 150.2
129 99.4 81.8 122.6
131 96.3 78.6 118.0

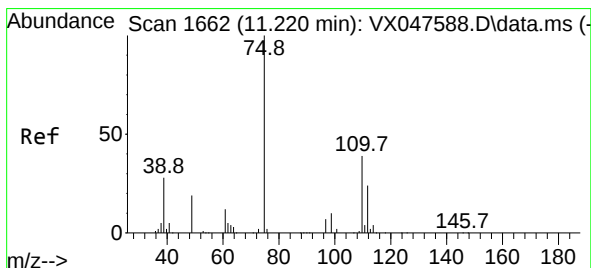
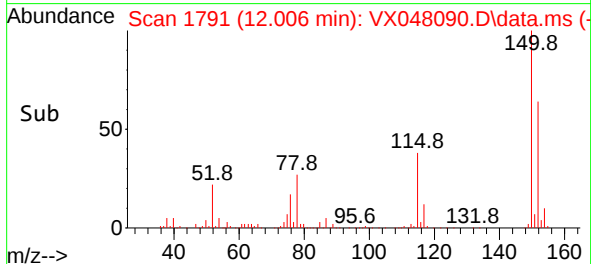
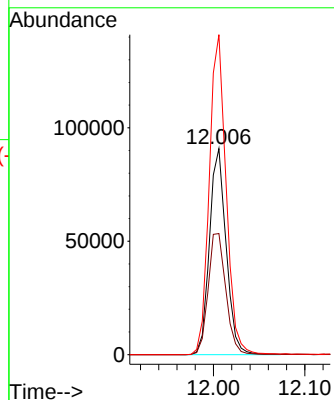
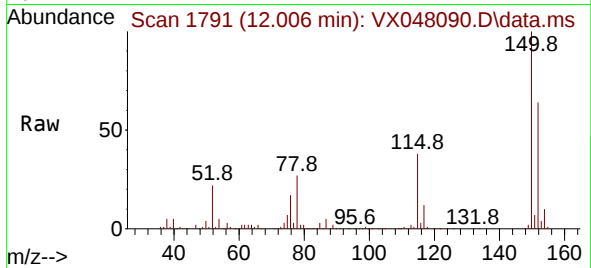




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

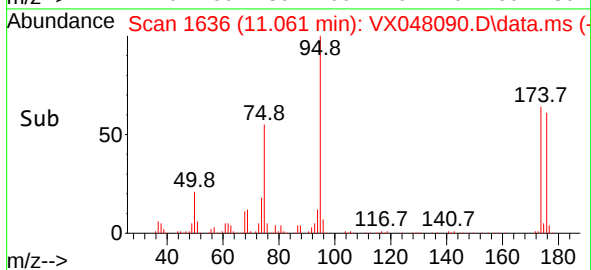
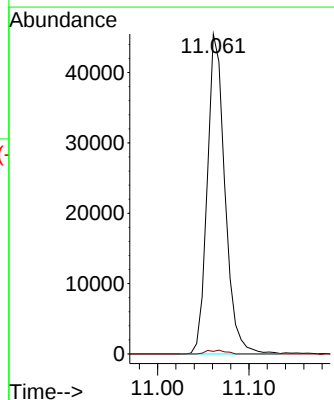
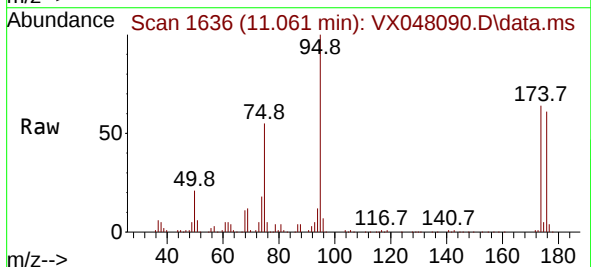
Instrument :
MSVOA_X
ClientSampleId :
IBLK

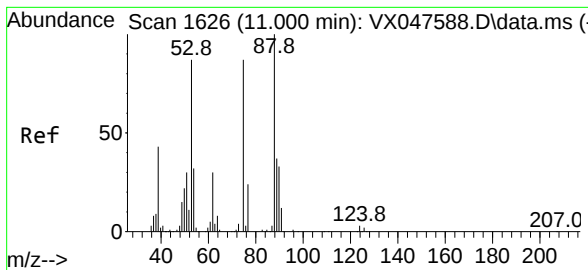
Tgt Ion:152 Resp: 115306
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 156.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 26.125 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048090.D
Acq: 09 Oct 2025 16:24

Tgt Ion: 75 Resp: 60990
Ion Ratio Lower Upper
75 100
77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.621 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048090.D
 Acq: 09 Oct 2025 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 60990
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

