

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048094.D
 Acq On : 09 Oct 2025 17:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:29:00 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)

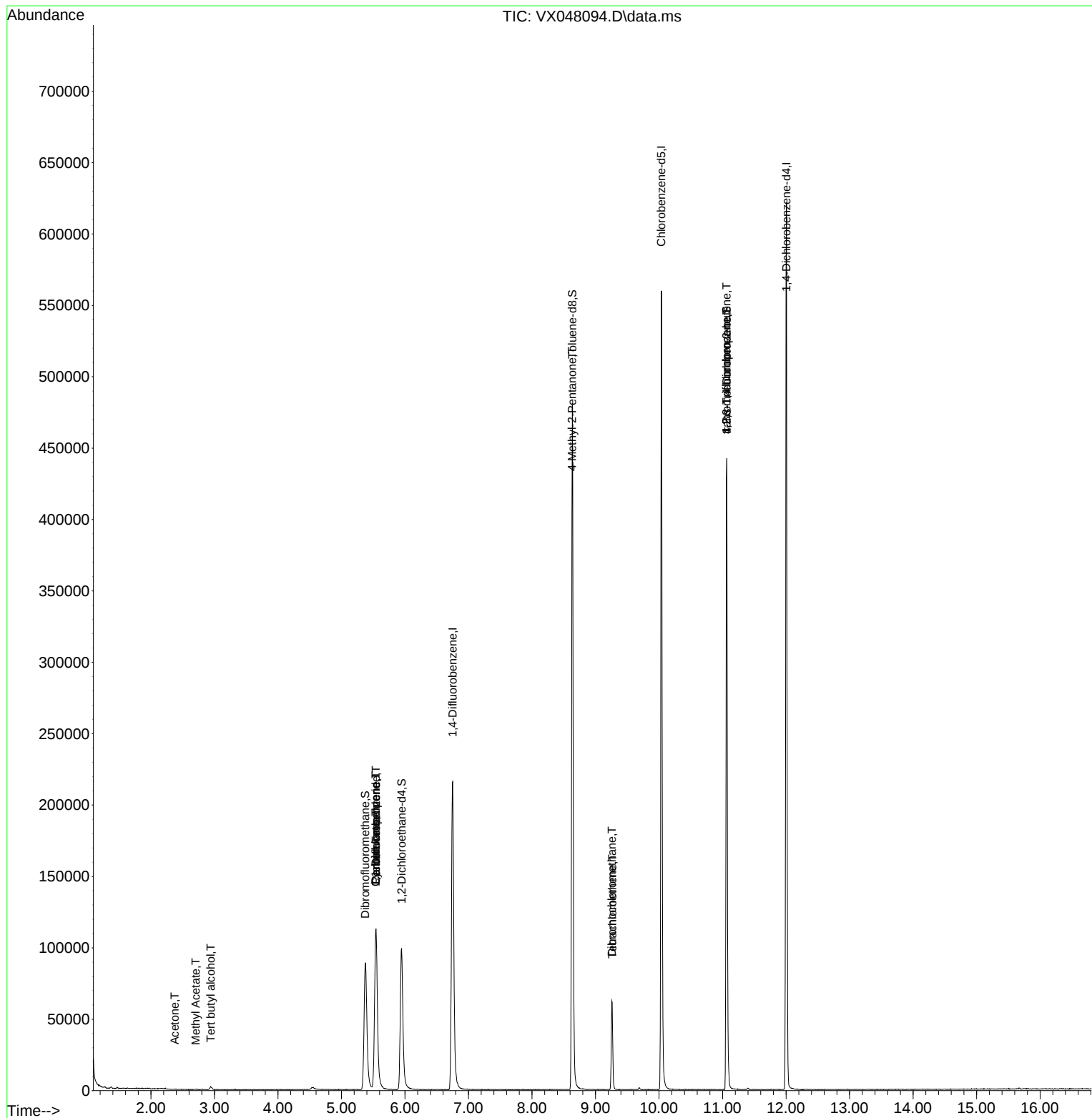
Internal Standards						
1) Pentafluorobenzene	5.543	168	114593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	235882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108869	59.686	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.380%#		
35) Dibromofluoromethane	5.373	113	87001	54.996	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.000%		
50) Toluene-d8	8.634	98	299388	54.694	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.380%		
62) 4-Bromofluorobenzene	11.061	95	129486	62.330	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 124.660%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	969	4.770	ug/l #	72
16) Acetone	2.373	43	379	0.478	ug/l #	45
18) Methyl Acetate	2.703	43	410	0.232	ug/l #	87
31) Cyclohexane	5.537	56	2729	1.132	ug/l #	3
36) 1,1-Dichloropropene	5.537	75	9891	4.279	ug/l #	50
38) Carbon Tetrachloride	5.543	117	12410	4.941	ug/l #	19
51) 4-Methyl-2-Pentanone	8.628	43	1326	0.589	ug/l #	1
60) Dibromochloromethane	9.256	129	12488	6.498	ug/l #	11
64) Tetrachloroethene	9.262	164	12332	7.478	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	68676	26.296	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	68676	67.059	ug/l #	8

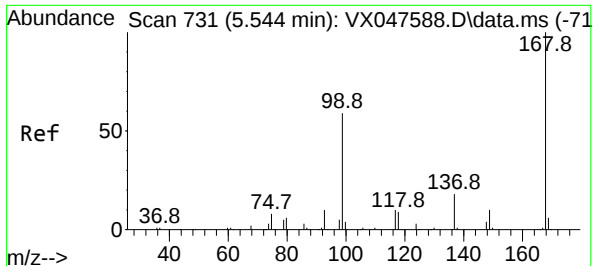
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
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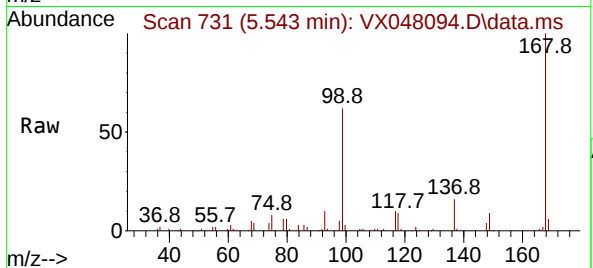
Quant Time: Oct 10 01:29:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



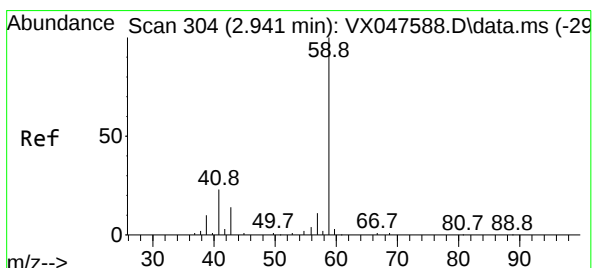
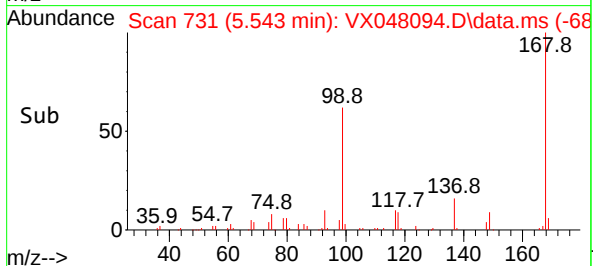
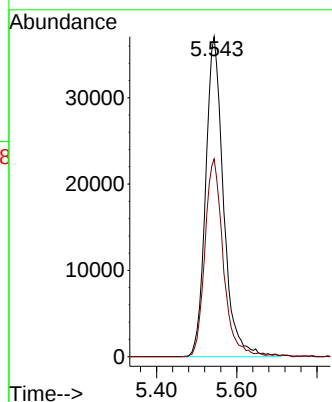


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

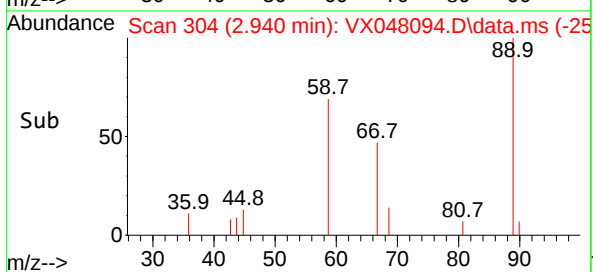
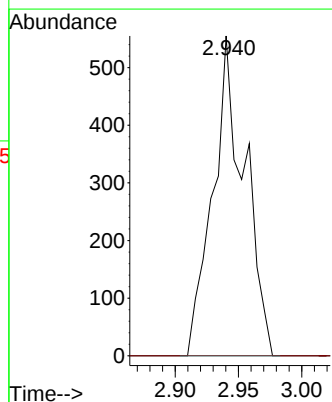
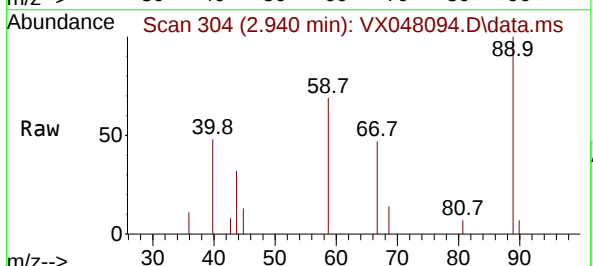


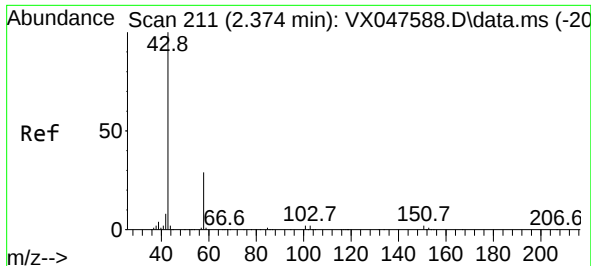
Tgt Ion:168 Resp: 114593
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 4.770 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 59 Resp: 969
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

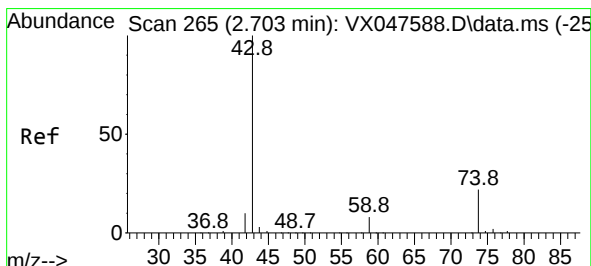
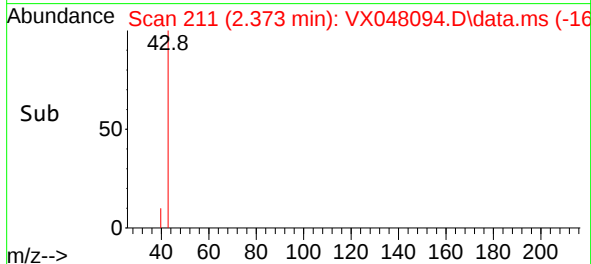
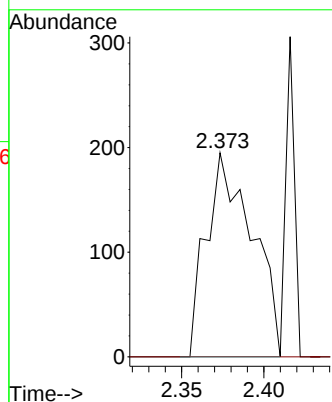
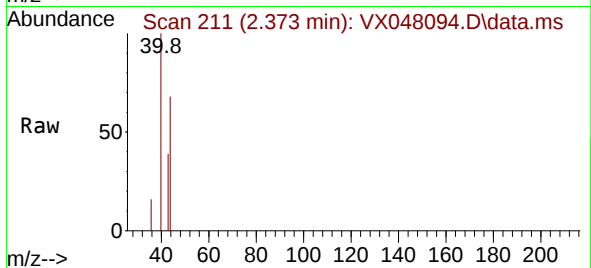




#16
Acetone
Concen: 0.478 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

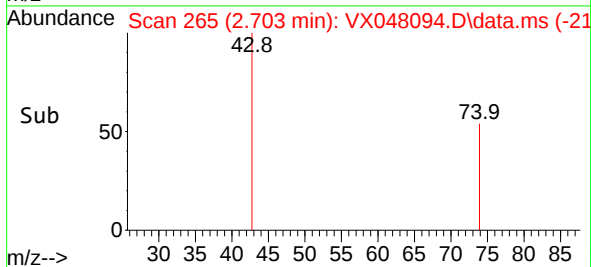
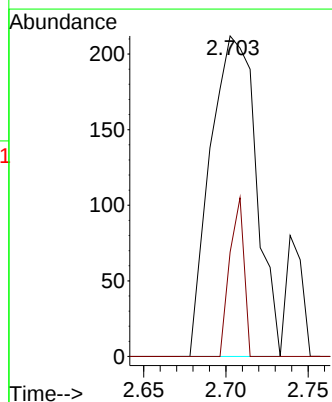
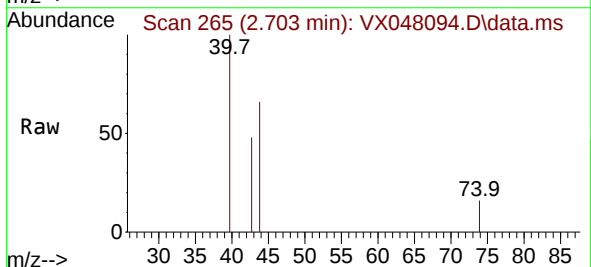
Instrument :
MSVOA_X
ClientSampleId :
IBLK

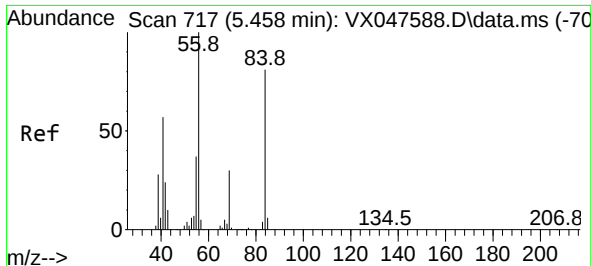
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
74 15.6 17.4 26.2#

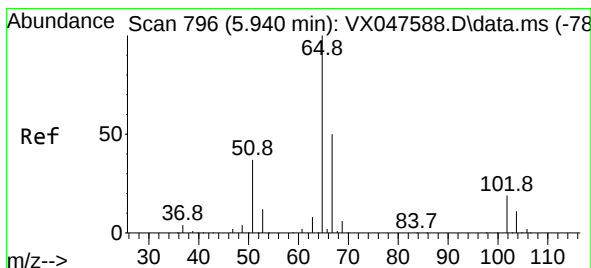
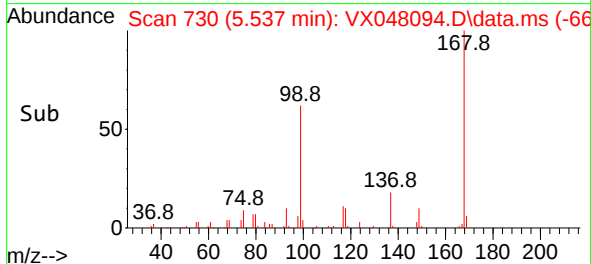
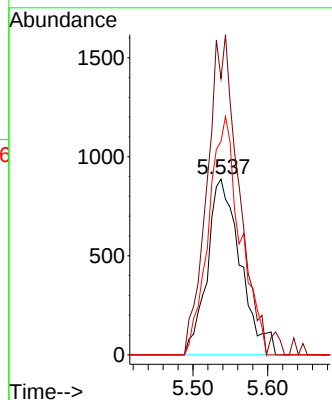
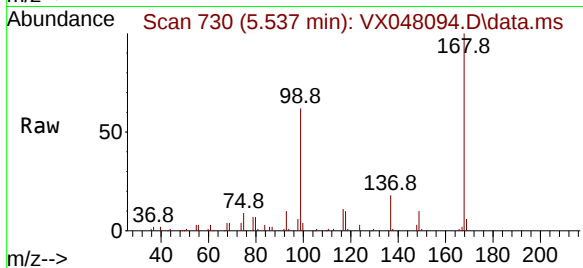




#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

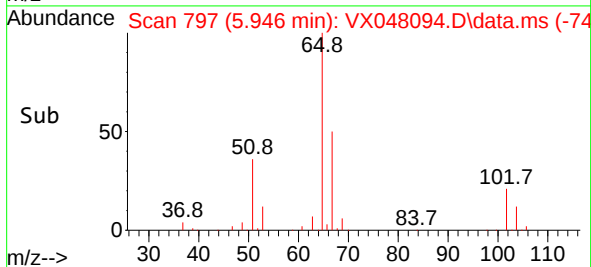
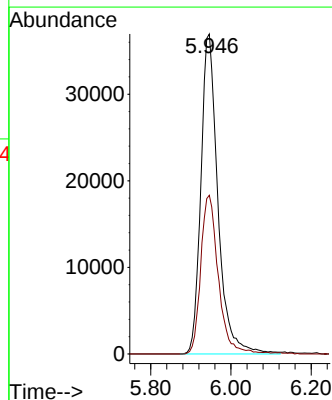
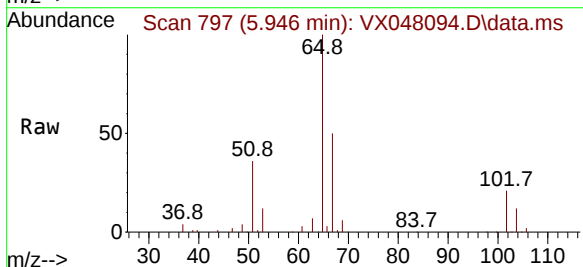
Instrument :
MSVOA_X
ClientSampleId :
IBLK

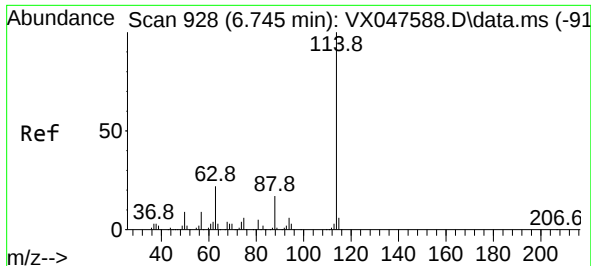
Tgt Ion: 56 Resp: 2729
Ion Ratio Lower Upper
56 100
69 157.3 23.8 35.8#
84 121.4 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 59.686 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 65 Resp: 108869
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

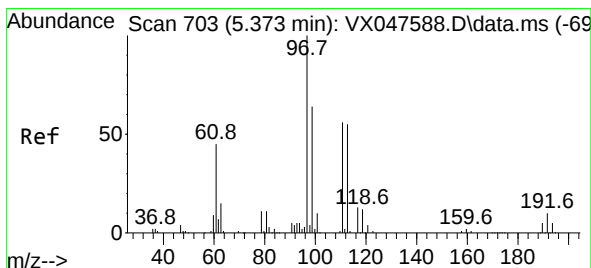
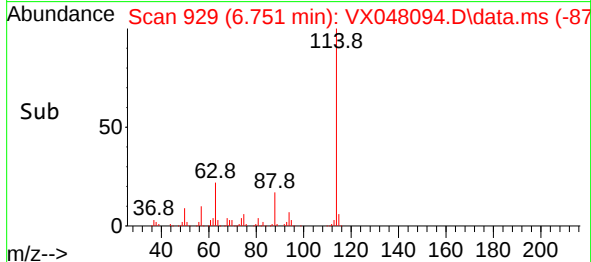
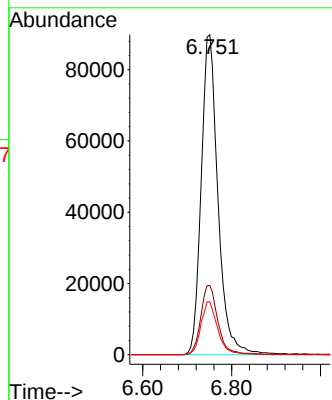
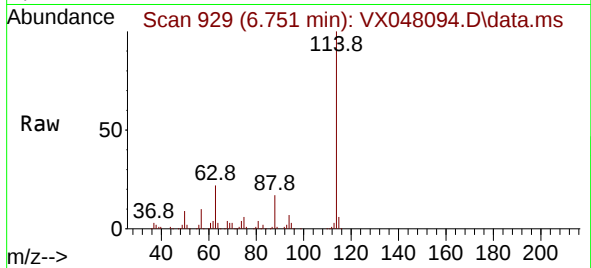




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

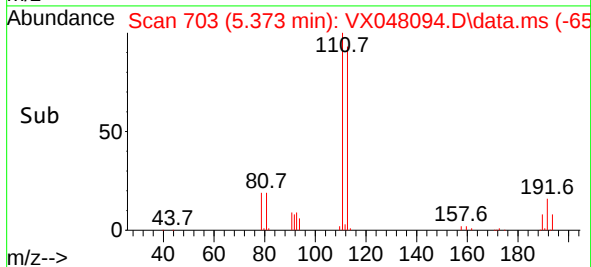
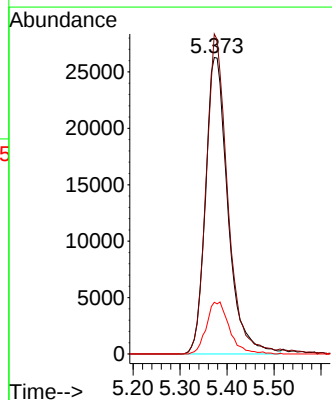
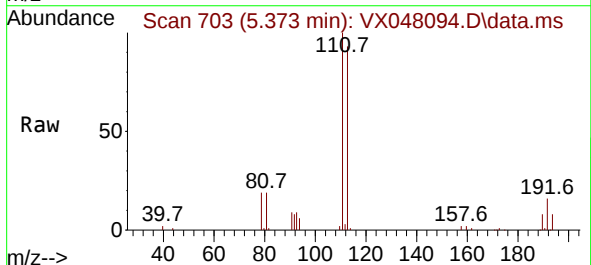
Instrument :
MSVOA_X
ClientSampleId :
IBLK

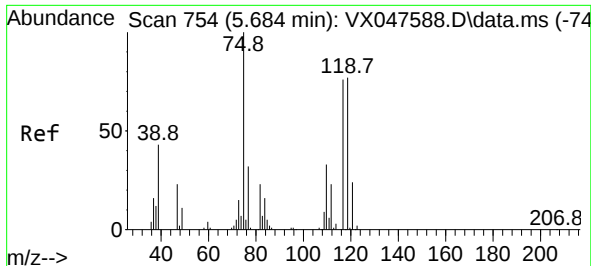
Tgt Ion:114 Resp: 235882
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.996 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion:113 Resp: 87001
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.279 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX048094.D

Acq: 09 Oct 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

IBLK

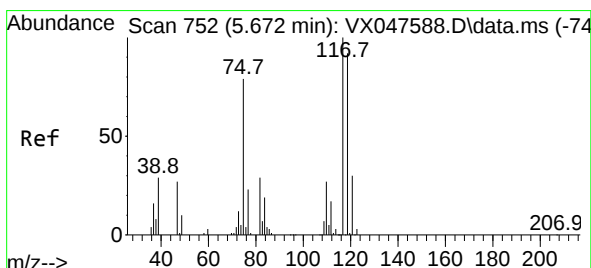
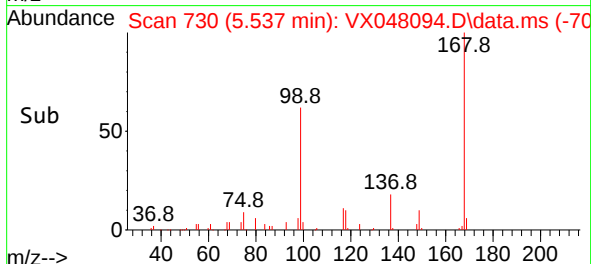
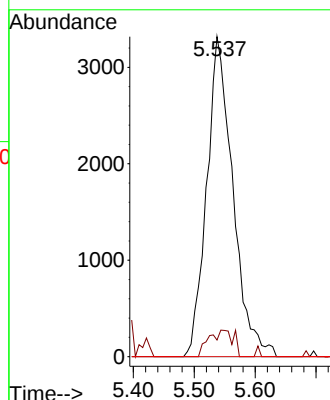
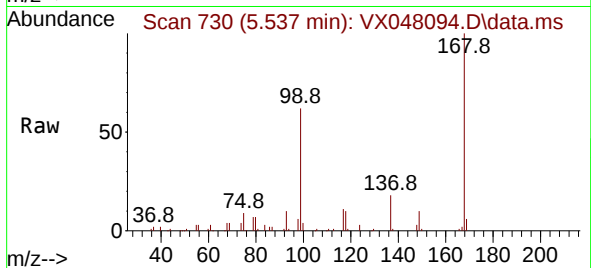
Tgt Ion: 75 Resp: 9891

Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.941 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX048094.D

Acq: 09 Oct 2025 17:46

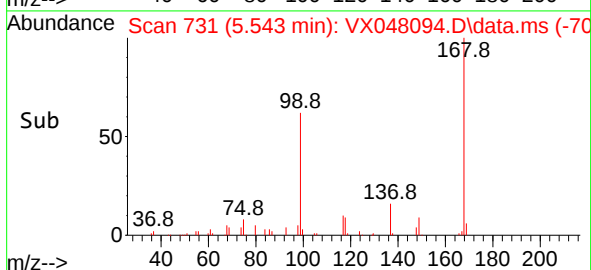
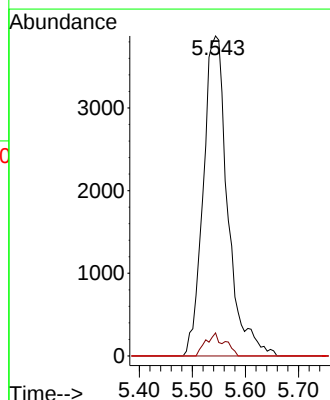
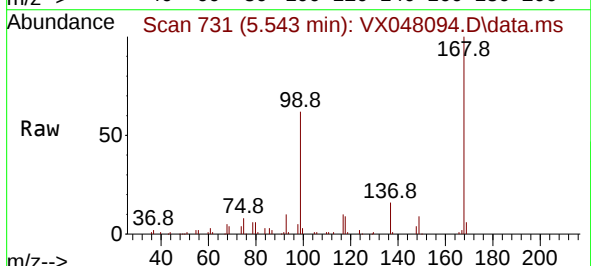
Tgt Ion: 117 Resp: 12410

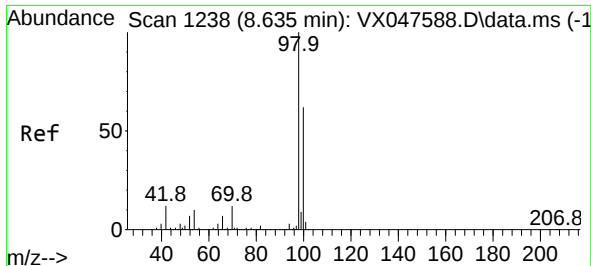
Ion Ratio Lower Upper

117 100

119 7.2 73.4 110.2#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 54.694 ug/l

RT: 8.634 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048094.D

Acq: 09 Oct 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

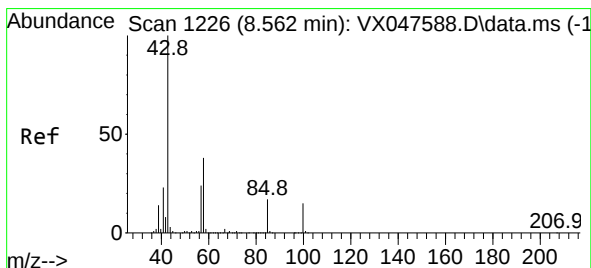
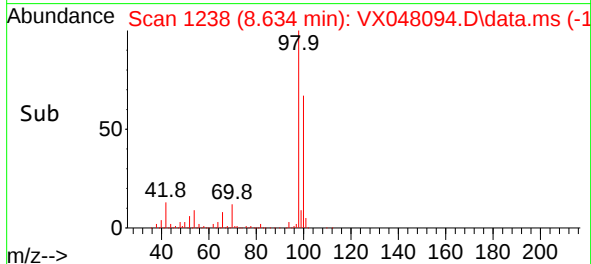
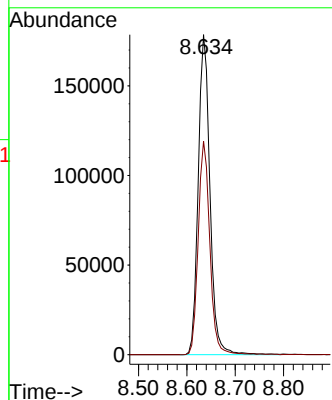
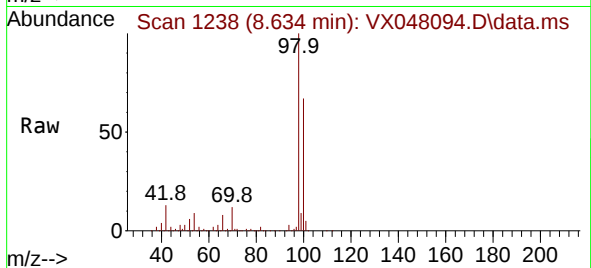
IBLK

Tgt Ion: 98 Resp: 299388

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.589 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. 0.067 min

Lab File: VX048094.D

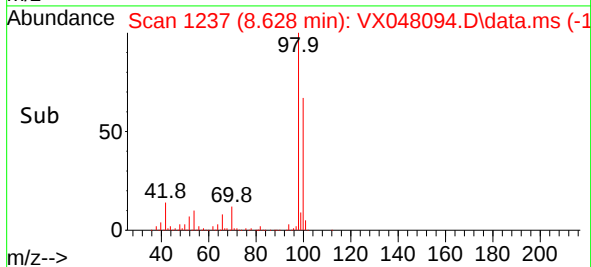
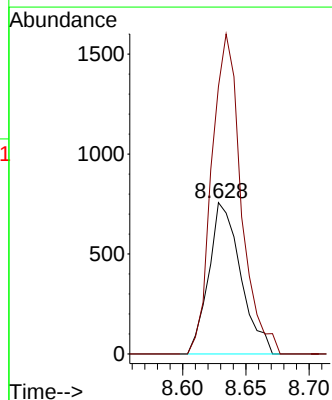
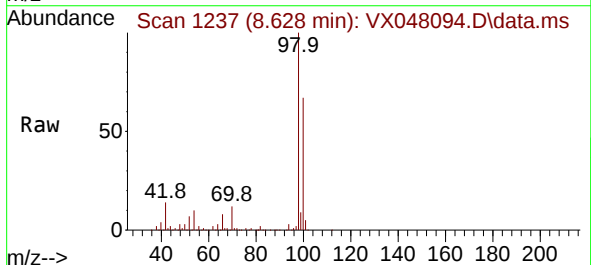
Acq: 09 Oct 2025 17:46

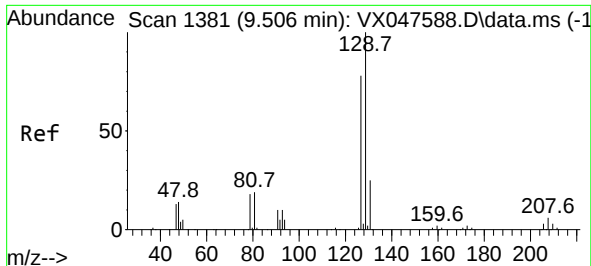
Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

58 194.9 30.3 45.5#

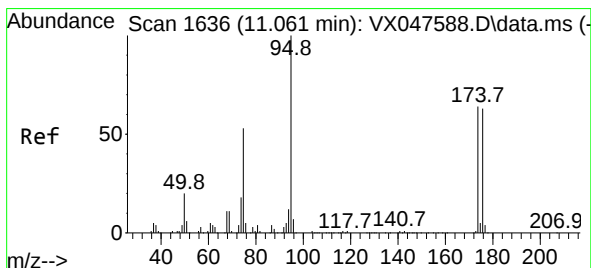
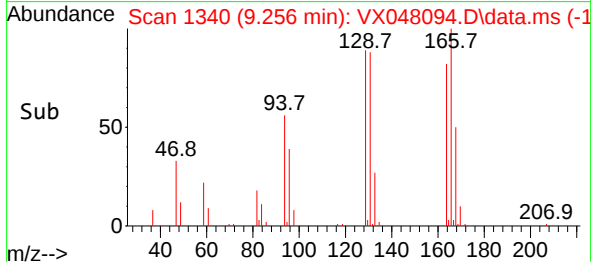
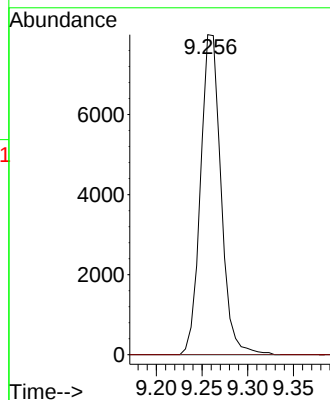
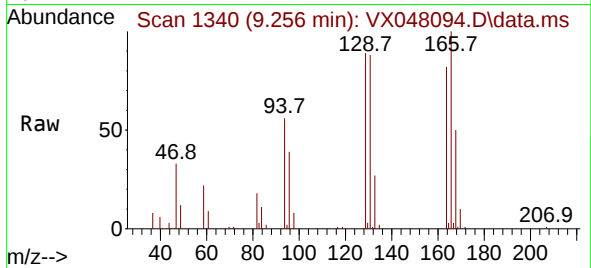




#60
Dibromochloromethane
Concen: 6.498 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

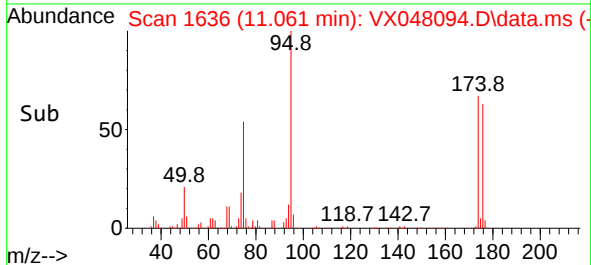
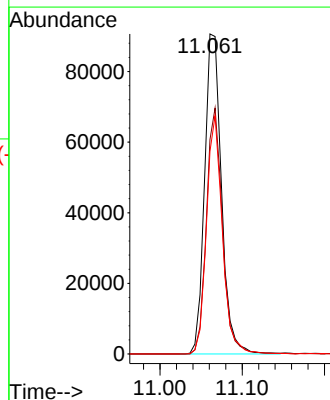
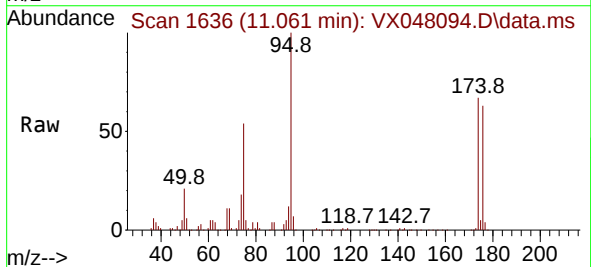
Instrument :
MSVOA_X
ClientSampleId :
IBLK

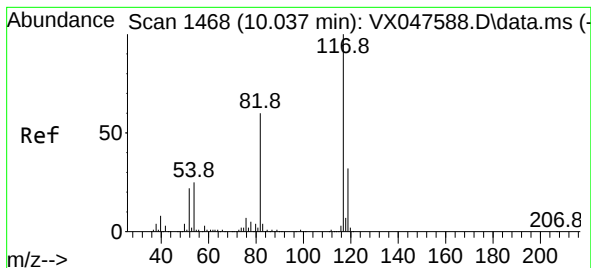
Tgt Ion:129 Resp: 12488
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 62.330 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion: 95 Resp: 129486
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.0 0.0 138.4

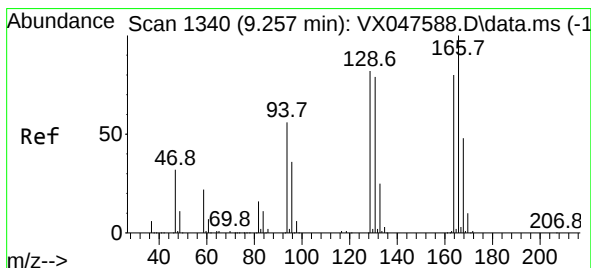
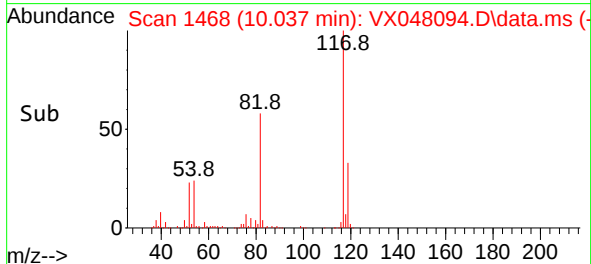
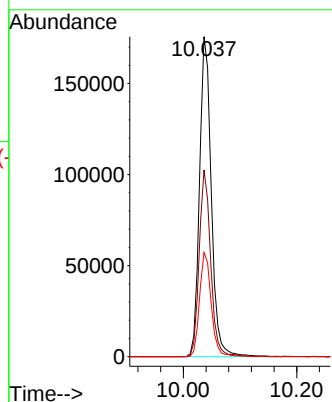
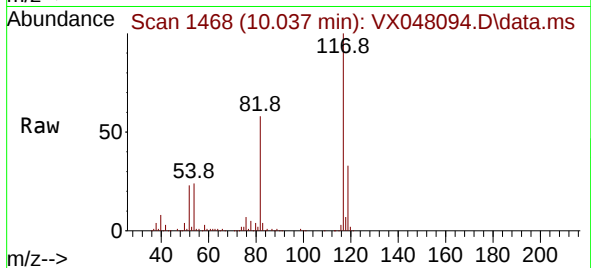




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

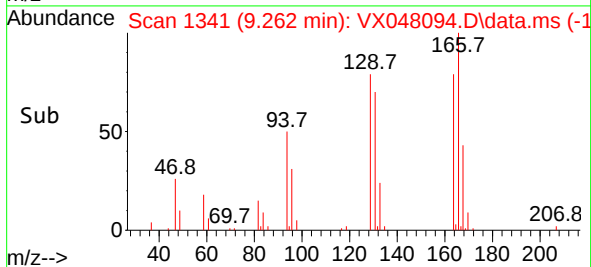
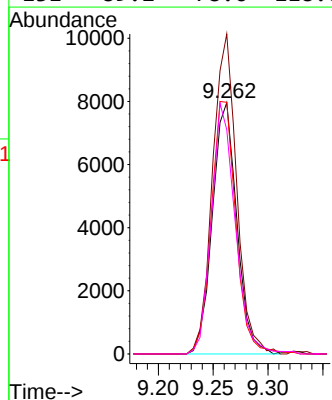
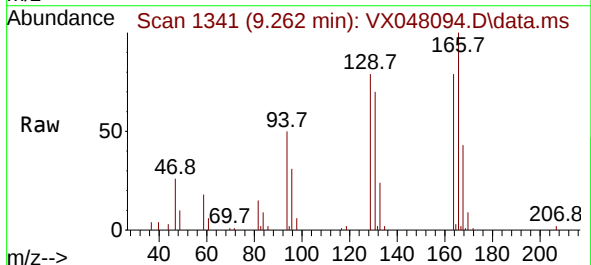
Instrument :
MSVOA_X
ClientSampleId :
IBLK

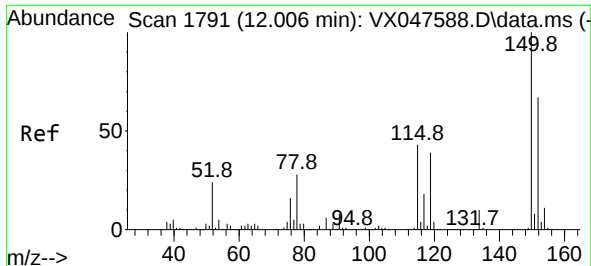
Tgt Ion:117 Resp: 252976
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 7.478 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048094.D
Acq: 09 Oct 2025 17:46

Tgt Ion:164 Resp: 12332
Ion Ratio Lower Upper
164 100
166 127.3 100.2 150.2
129 100.2 81.8 122.6
131 89.2 78.6 118.0

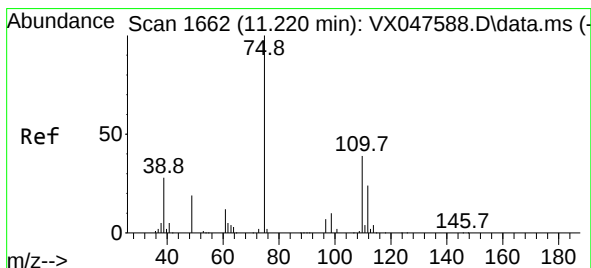
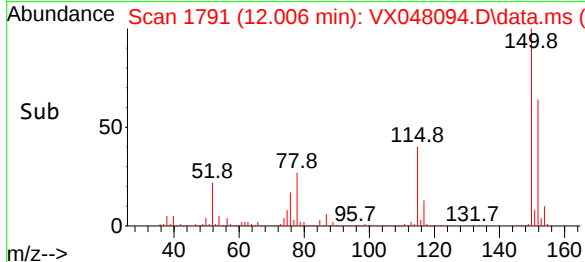
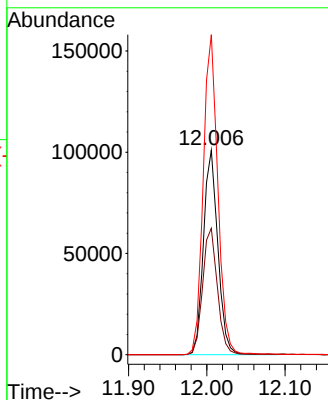
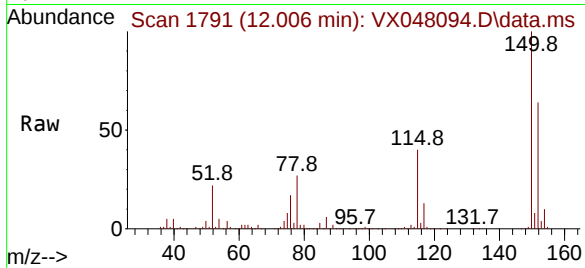




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048094.D
 Acq: 09 Oct 2025 17:46

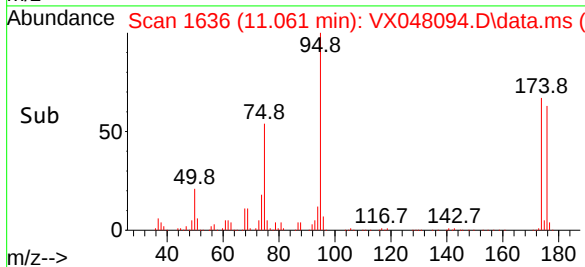
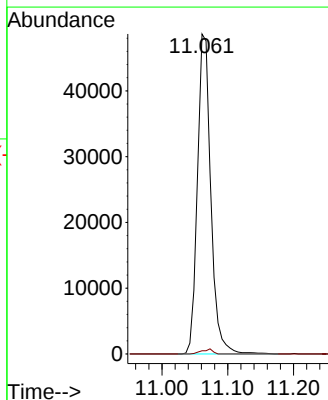
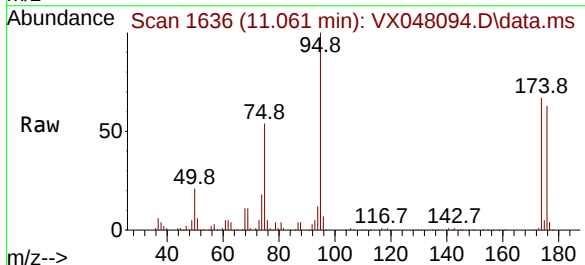
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

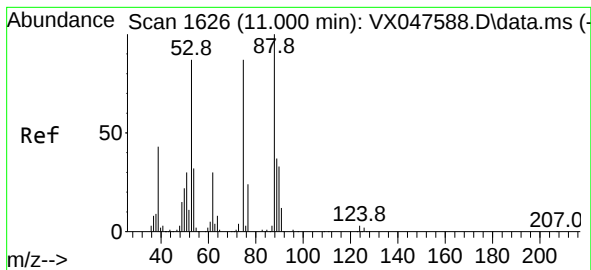
Tgt Ion:152 Resp: 128990
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.9 134.5
 150 158.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 26.296 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048094.D
 Acq: 09 Oct 2025 17:46

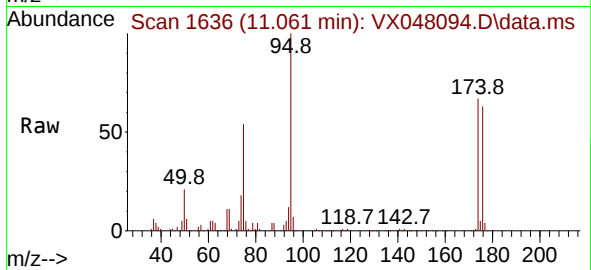
Tgt Ion: 75 Resp: 68676
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.059 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048094.D
 Acq: 09 Oct 2025 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 68676
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

