

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052725\
 Data File : VX046364.D
 Acq On : 27 May 2025 12:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 29 01:50:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

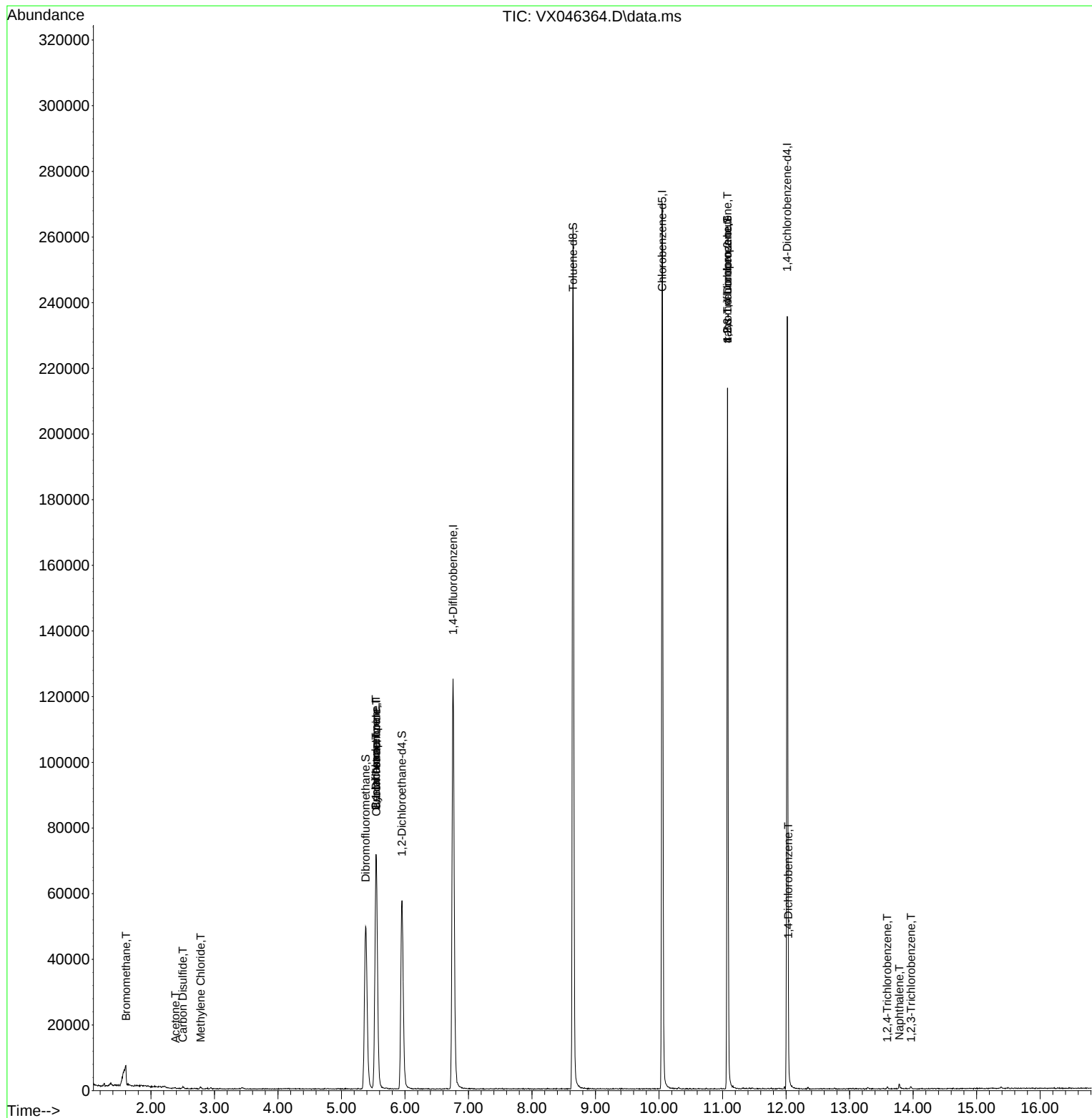
Internal Standards						
1) Pentafluorobenzene	5.544	168	60091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	109778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59550	53.156	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	5.379	113	43815	50.662	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	8.647	98	149307	49.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	11.079	95	54687	47.628	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	108	0.281	ug/l #	50
16) Acetone	2.386	43	308	0.686	ug/l #	48
17) Carbon Disulfide	2.502	76	596	0.353	ug/l #	76
20) Methylene Chloride	2.782	84	272	0.316	ug/l #	81
31) Cyclohexane	5.544	56	1895	1.419	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	5996	5.160	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7270	5.568	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	30793	29.543	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30793	96.182	ug/l #	1
88) 1,4-Dichlorobenzene	12.036	146	311	0.213	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.591	180	190	0.231	ug/l #	73
95) Naphthalene	13.786	128	1658	0.549	ug/l #	85
96) 1,2,3-Trichlorobenzene	13.969	180	296	0.348	ug/l #	84

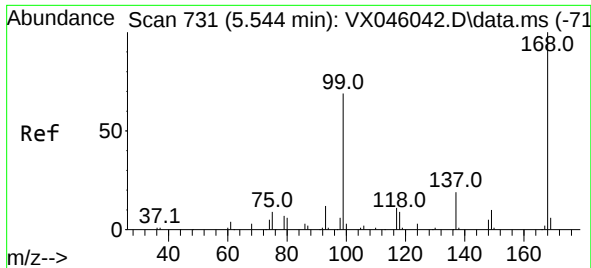
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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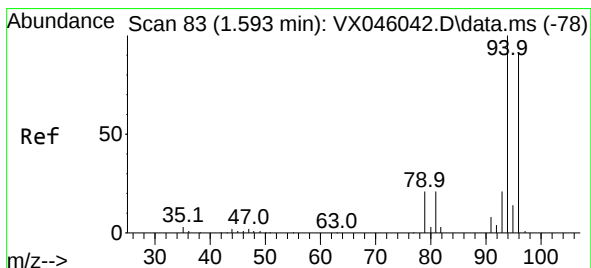
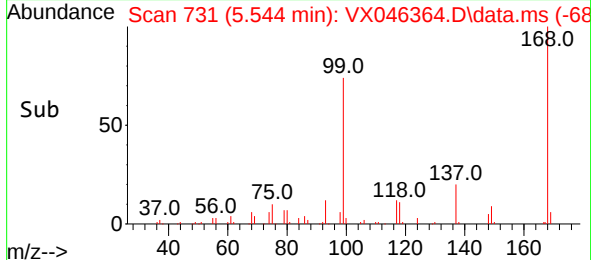
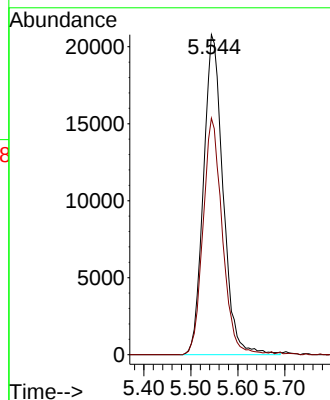
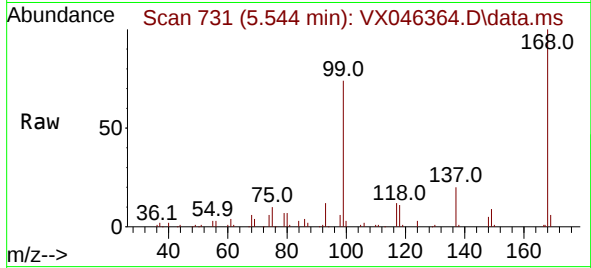




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

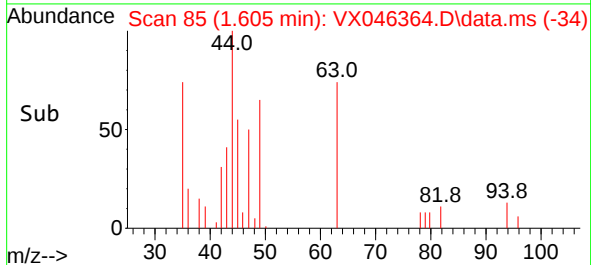
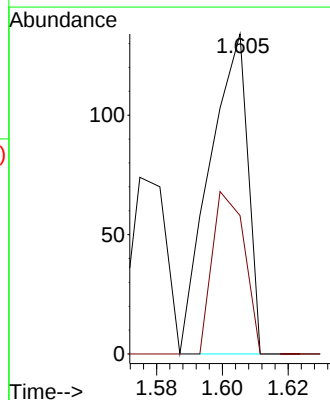
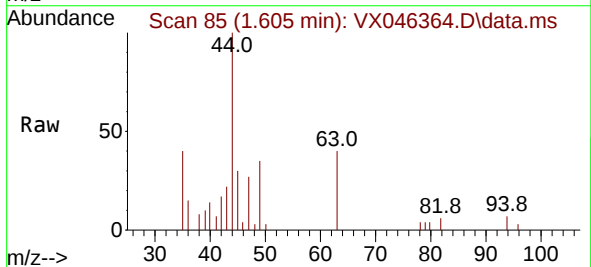
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 60091
Ion Ratio Lower Upper
168 100
99 73.9 54.9 82.3



#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 43.3 72.8 109.2#

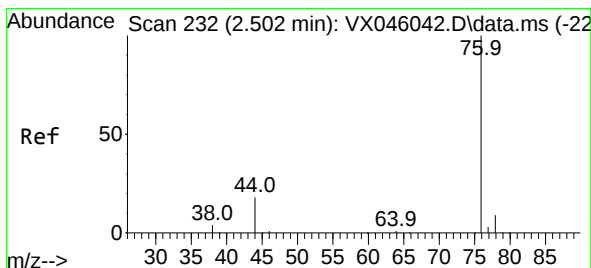
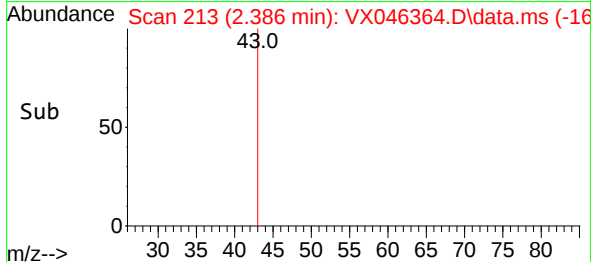
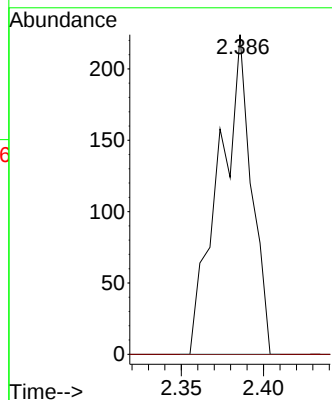
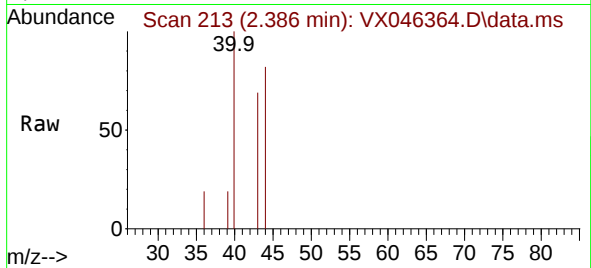




#16
Acetone
Concen: 0.686 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

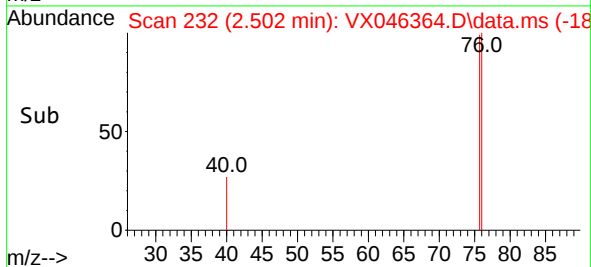
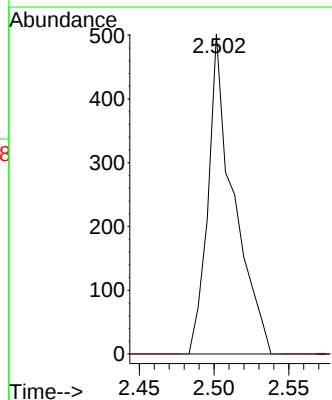
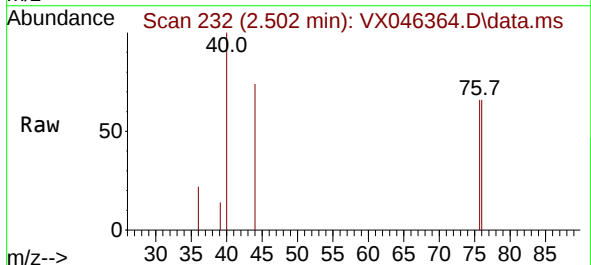
Instrument :
MSVOA_X
ClientSampleId :
IBLK

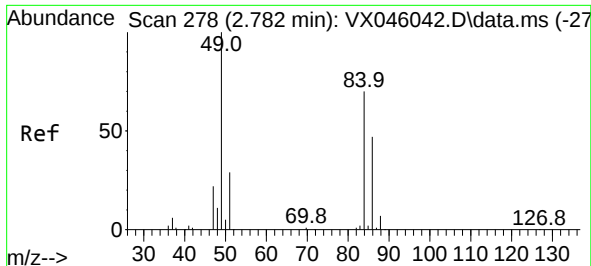
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.353 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

Tgt Ion: 76 Resp: 596
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

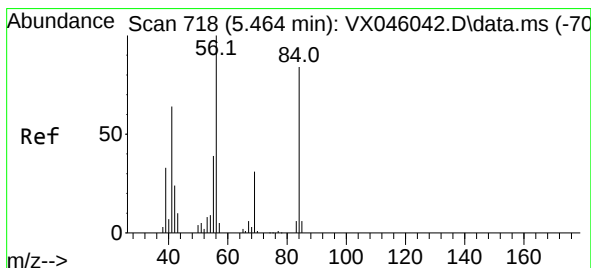
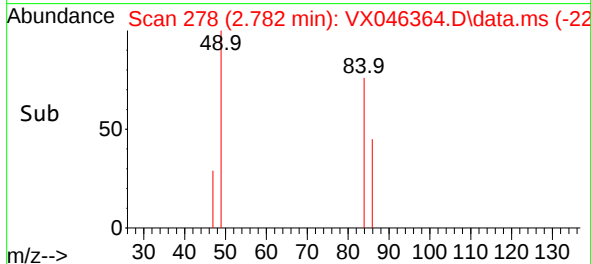
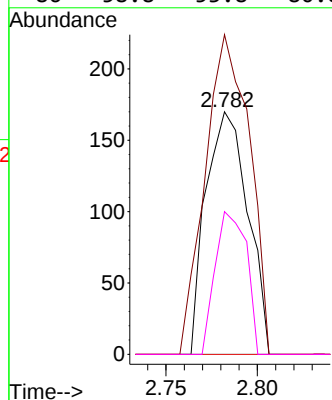
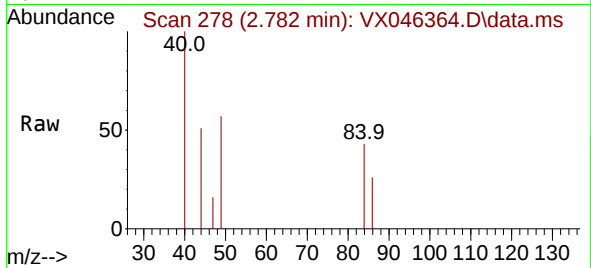




#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

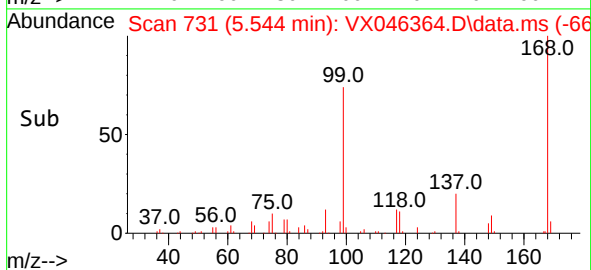
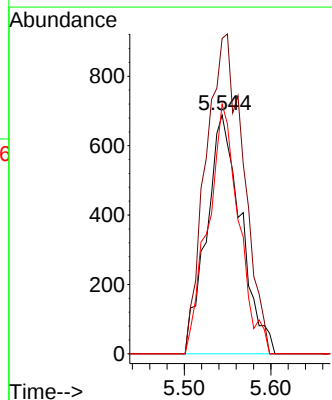
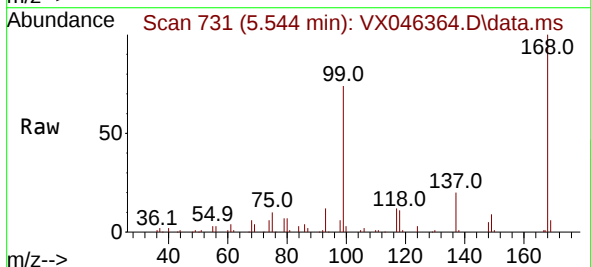
Instrument :
MSVOA_X
ClientSampleId :
IBLK

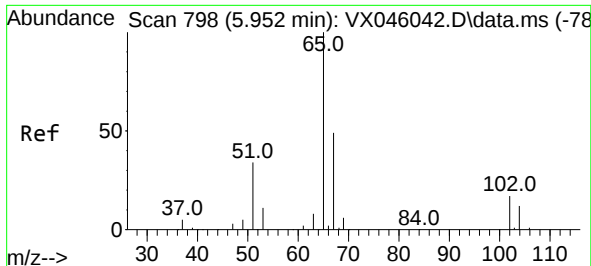
Tgt Ion: 84 Resp: 272
Ion Ratio Lower Upper
84 100
49 131.8 113.9 170.9
51 0.0 33.5 50.3#
86 58.8 53.8 80.8



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

Tgt Ion: 56 Resp: 1895
Ion Ratio Lower Upper
56 100
69 132.1 24.4 36.6#
84 104.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.156 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

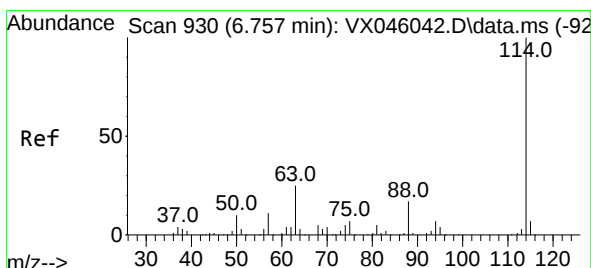
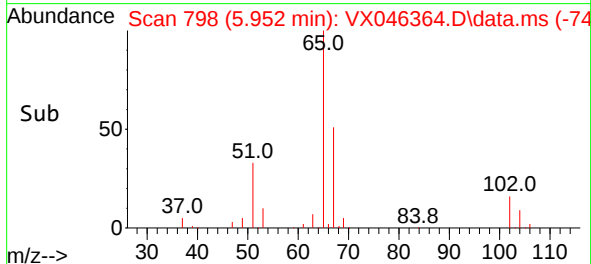
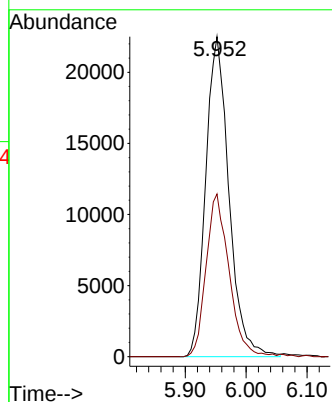
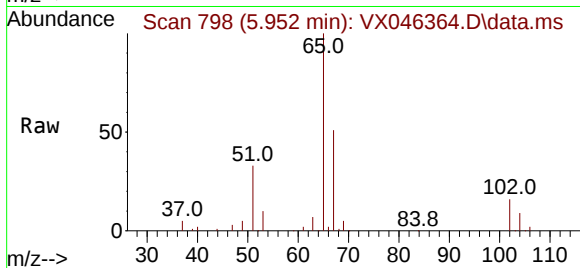
IBLK

Tgt Ion: 65 Resp: 59550

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

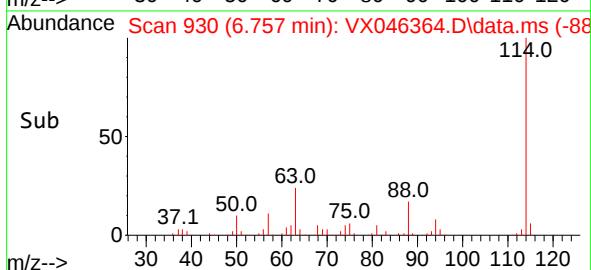
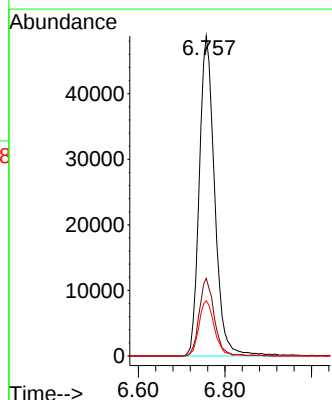
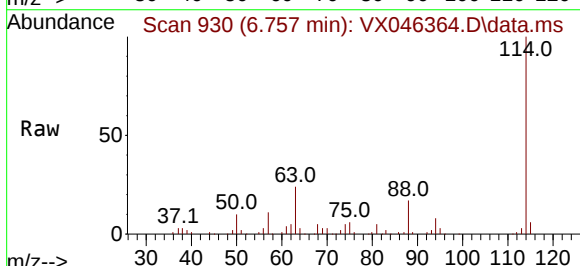
Tgt Ion: 114 Resp: 120100

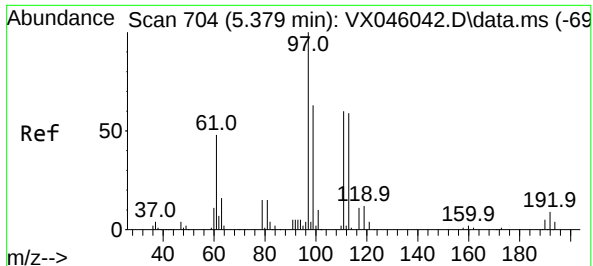
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.2 0.0 33.6

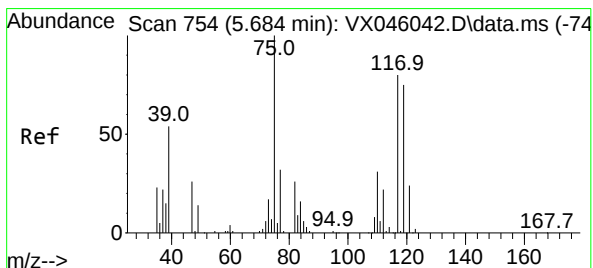
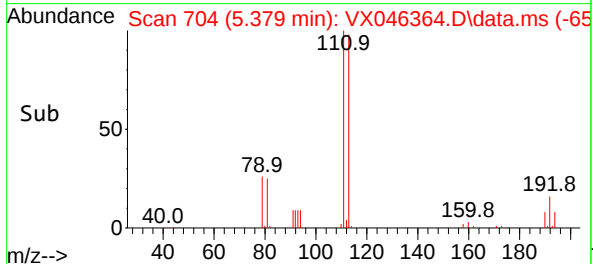
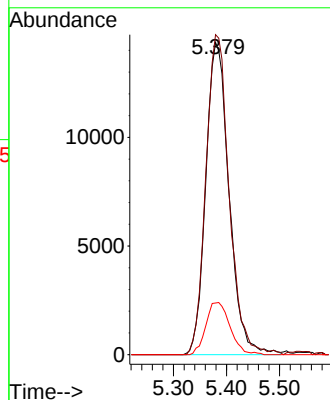
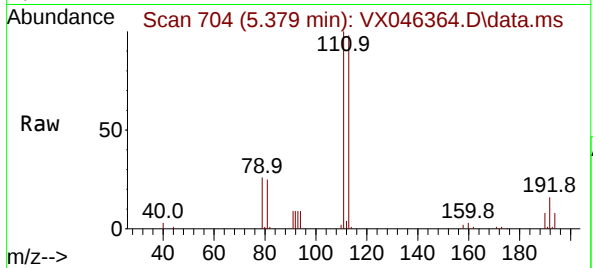




#35
Dibromofluoromethane
Concen: 50.662 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

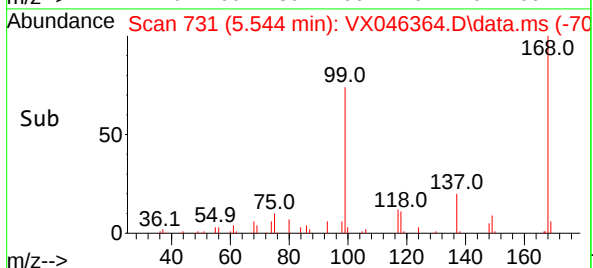
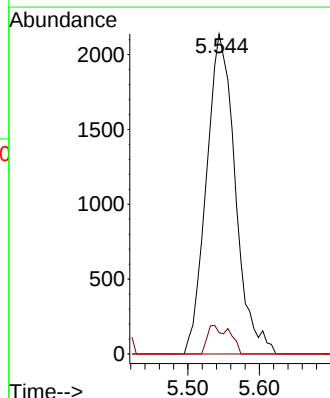
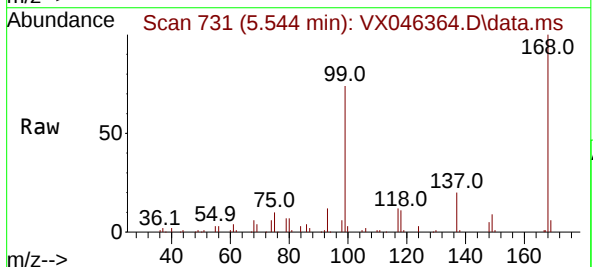
Instrument :
MSVOA_X
ClientSampleId :
IBLK

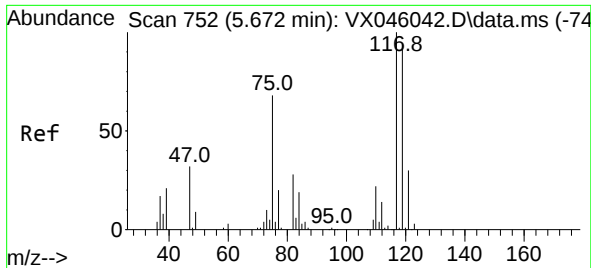
Tgt Ion:113 Resp: 43815
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

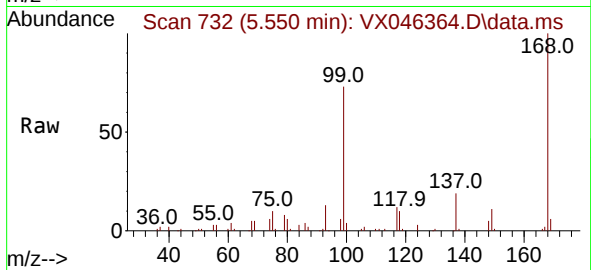
Tgt Ion: 75 Resp: 5996
Ion Ratio Lower Upper
75 100
110 6.8 16.3 48.9#
77 0.0 24.3 36.5#



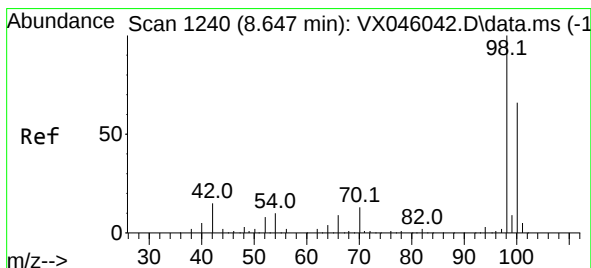
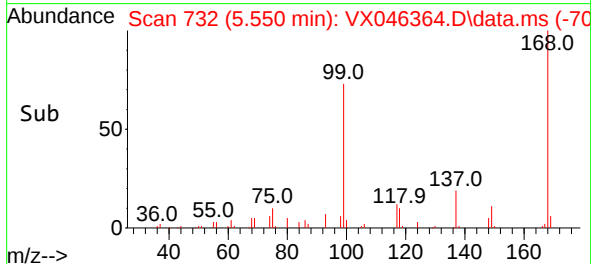
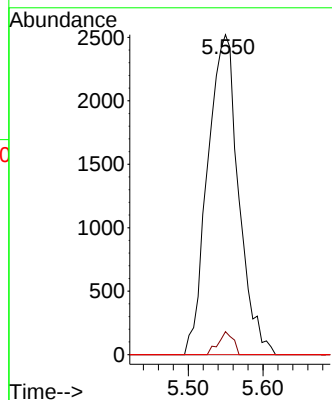


#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

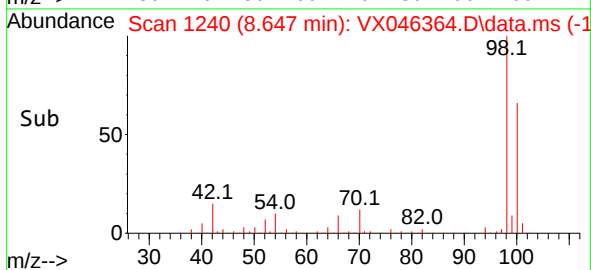
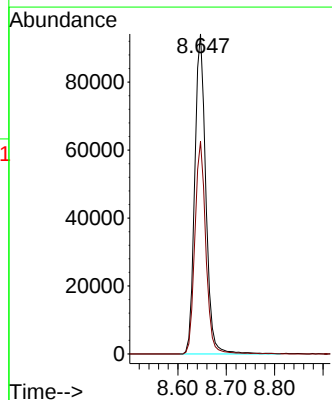
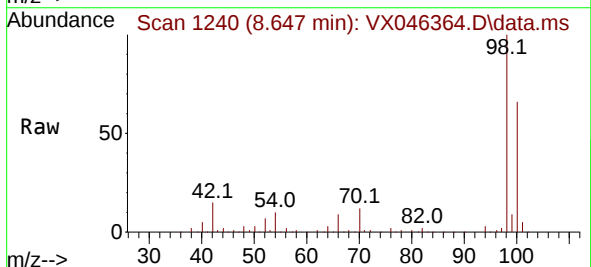


Tgt Ion:117 Resp: 7270
Ion Ratio Lower Upper
117 100
119 7.2 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046364.D
Acq: 27 May 2025 12:15

Tgt Ion: 98 Resp: 149307
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 47.628 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

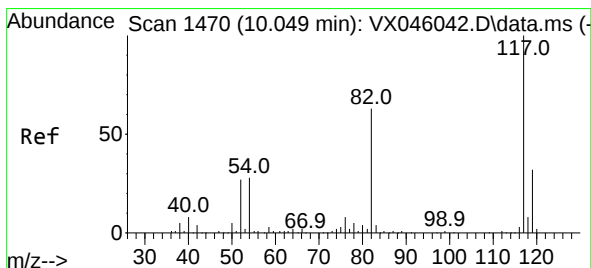
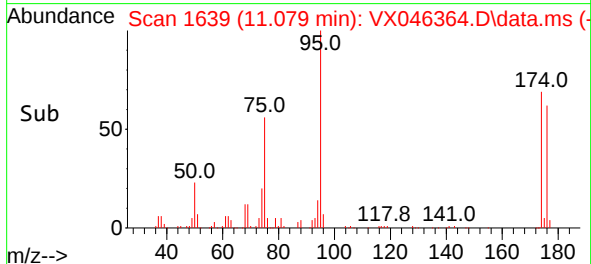
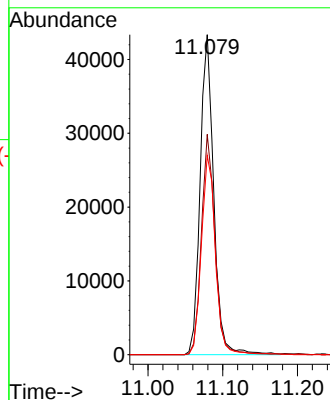
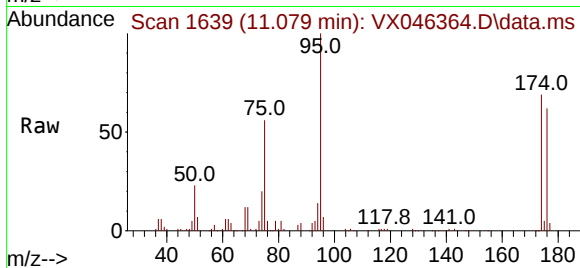
Tgt Ion: 95 Resp: 54687

Ion Ratio Lower Upper

95 100

174 69.0 0.0 135.8

176 64.1 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

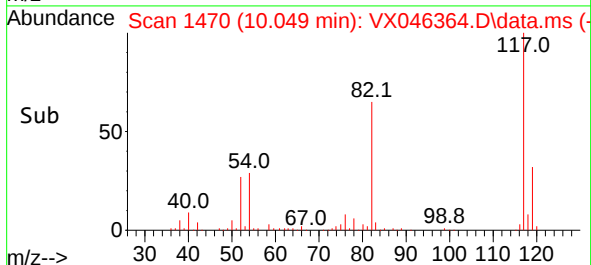
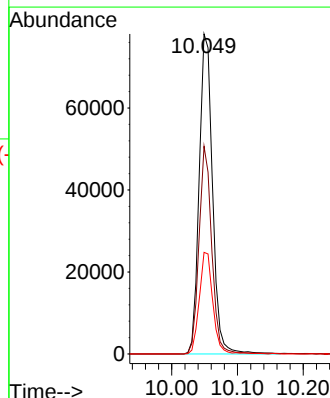
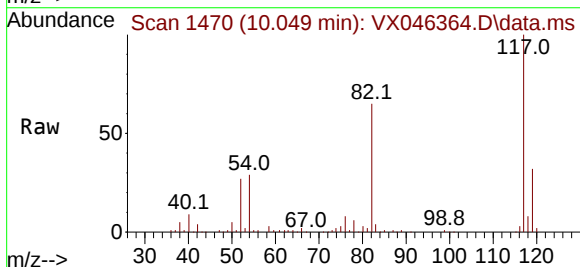
Tgt Ion: 117 Resp: 109778

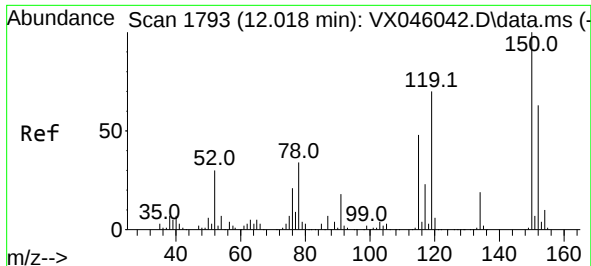
Ion Ratio Lower Upper

117 100

82 64.9 50.6 76.0

119 31.8 25.8 38.6

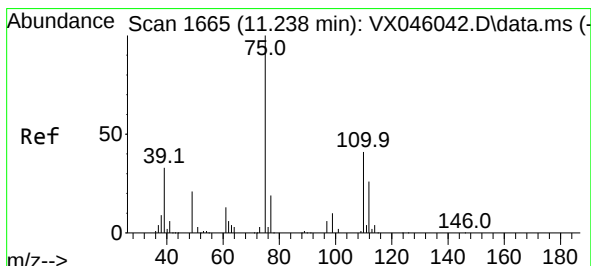
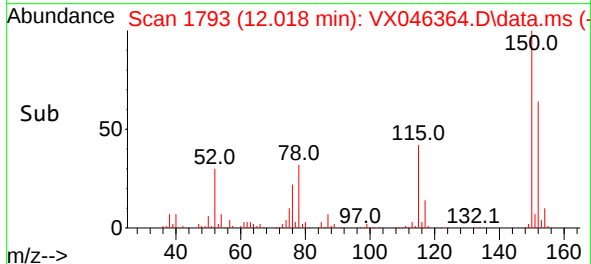
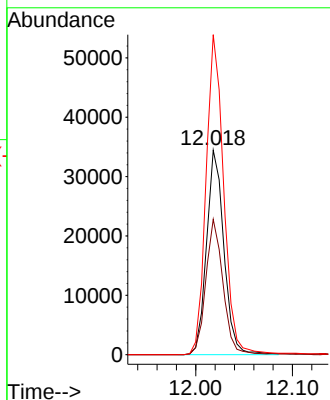
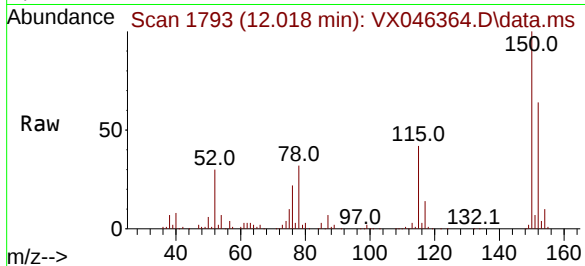




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046364.D
 Acq: 27 May 2025 12:15

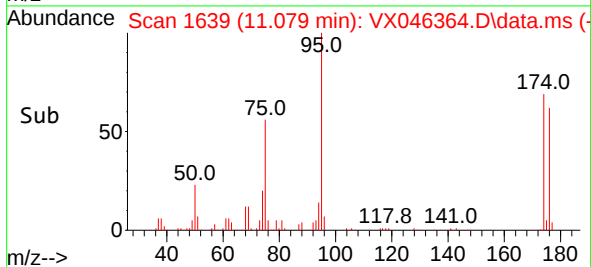
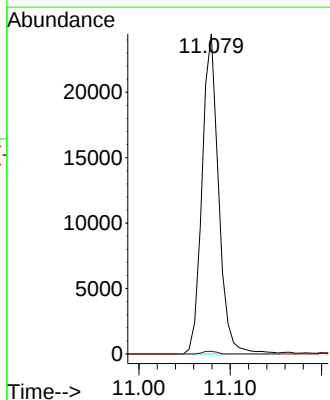
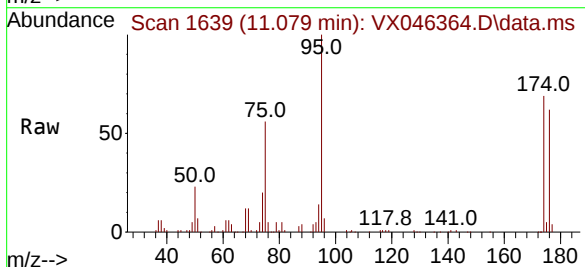
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

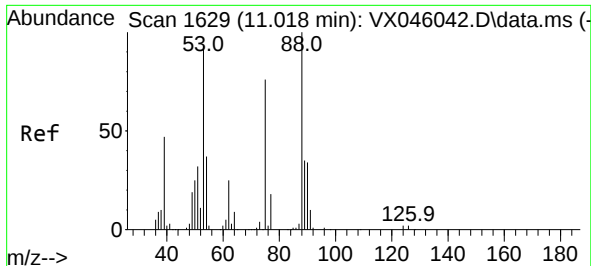
Tgt Ion:152 Resp: 43303
 Ion Ratio Lower Upper
 152 100
 115 65.9 46.9 140.7
 150 159.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.543 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046364.D
 Acq: 27 May 2025 12:15

Tgt Ion: 75 Resp: 30793
 Ion Ratio Lower Upper
 75 100
 77 0.7 20.5 61.5#

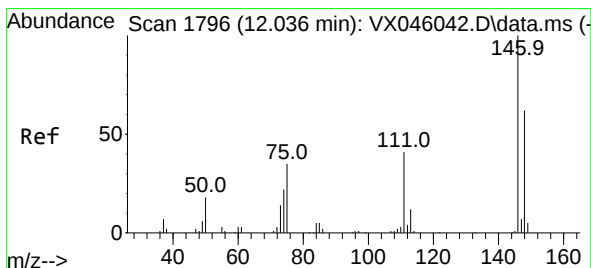
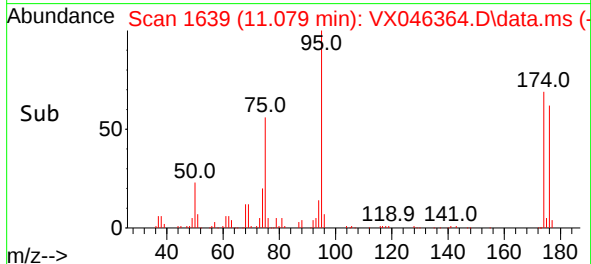
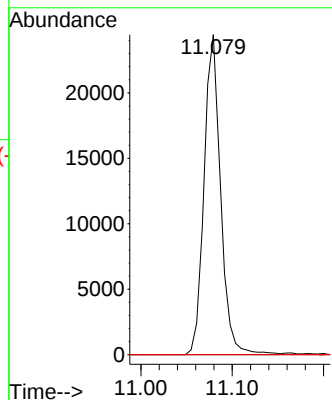
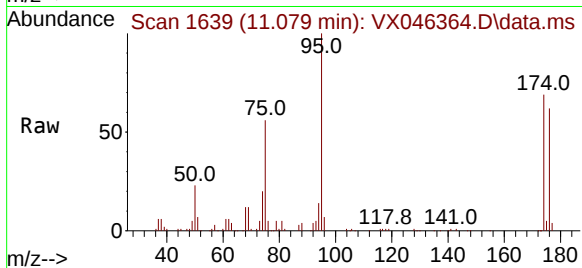




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.182 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX046364.D
 Acq: 27 May 2025 12:15

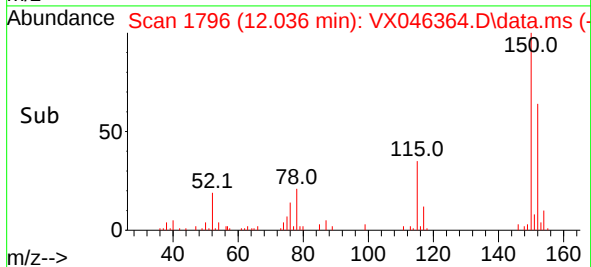
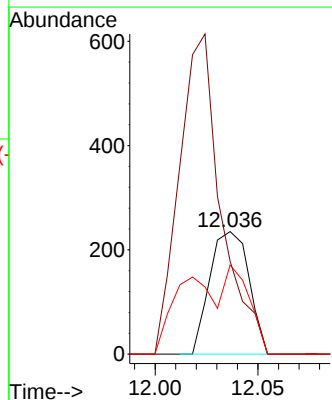
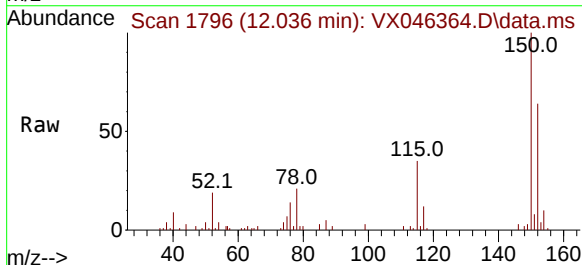
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

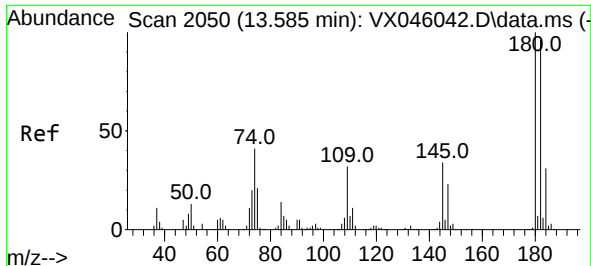
Tgt Ion: 75 Resp: 30793
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#88
 1,4-Dichlorobenzene
 Concen: 0.213 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VX046364.D
 Acq: 27 May 2025 12:15

Tgt Ion:146 Resp: 311
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.3 63.9#
 148 46.0 31.9 95.5





#93

1,2,4-Trichlorobenzene

Concen: 0.231 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

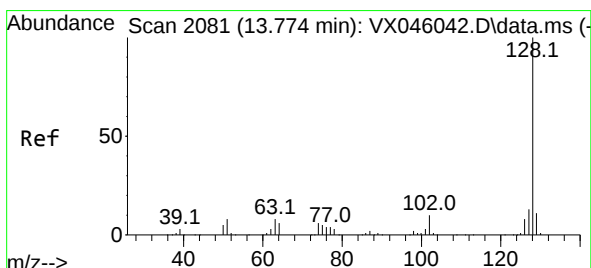
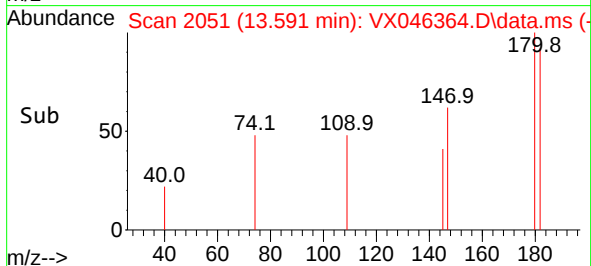
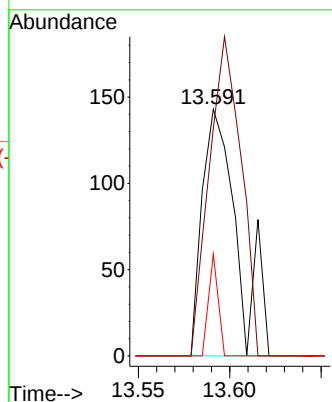
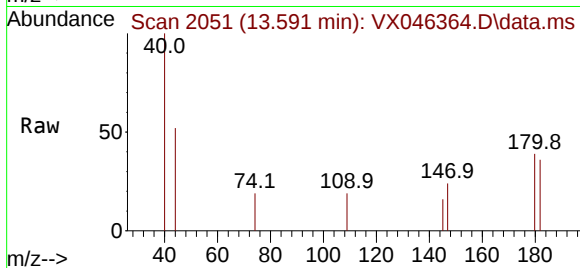
Tgt Ion:180 Resp: 190

Ion Ratio Lower Upper

180 100

182 118.4 47.9 143.8

145 11.6 17.1 51.2#



#95

Naphthalene

Concen: 0.549 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX046364.D

Acq: 27 May 2025 12:15

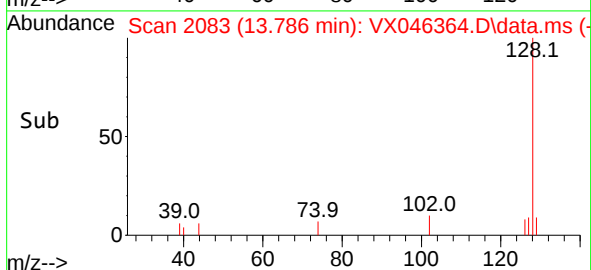
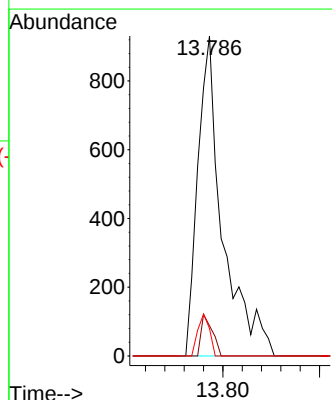
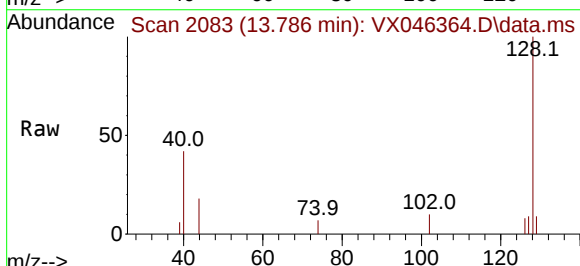
Tgt Ion:128 Resp: 1658

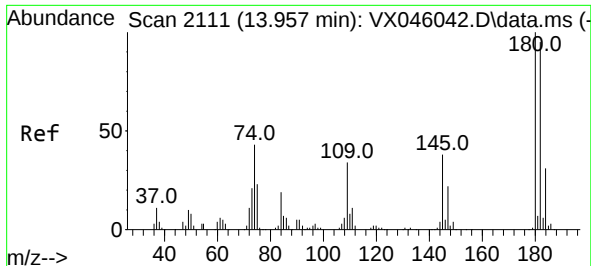
Ion Ratio Lower Upper

128 100

127 5.9 10.4 15.6#

129 6.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.348 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX046364.D
 Acq: 27 May 2025 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 296
 Ion Ratio Lower Upper
 180 100
 182 105.1 47.8 143.3
 145 16.9 18.1 54.3#

