

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046184.D
 Acq On : 14 May 2025 11:13
 Operator : JC/MD
 Sample : Q1956-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 15 01:19:07 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)

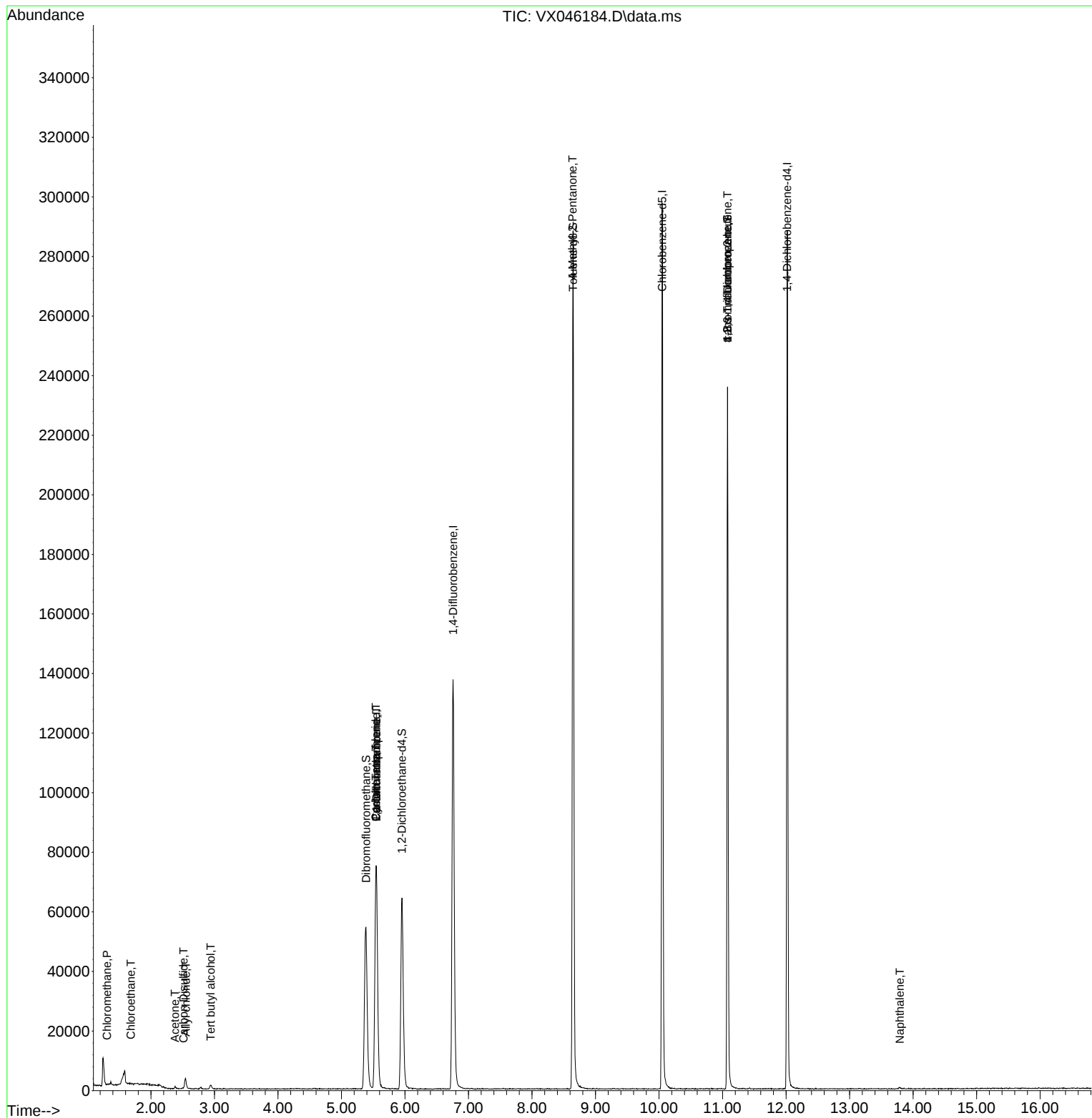
Internal Standards						
1) Pentafluorobenzene	5.550	168	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66542	54.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.540%	
35) Dibromofluoromethane	5.385	113	48536	51.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.647	98	166585	50.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.079	95	62484	49.486	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	408	0.418	ug/l #	43
6) Chloroethane	1.685	64	288	0.594	ug/l #	44
11) Tert butyl alcohol	2.941	59	875	5.084	ug/l #	72
14) Allyl chloride	2.550	41	384	0.258	ug/l #	39
16) Acetone	2.380	43	779	1.585	ug/l	94
17) Carbon Disulfide	2.514	76	411	0.222	ug/l #	76
31) Cyclohexane	5.544	56	1829	1.252	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	6650	5.204	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7923	5.518	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	942	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35797	27.764	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35797	90.391	ug/l #	1
95) Naphthalene	13.792	128	951	0.255	ug/l #	74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046184.D
Acq On : 14 May 2025 11:13
Operator : JC/MD
Sample : Q1956-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: May 15 01:19:07 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

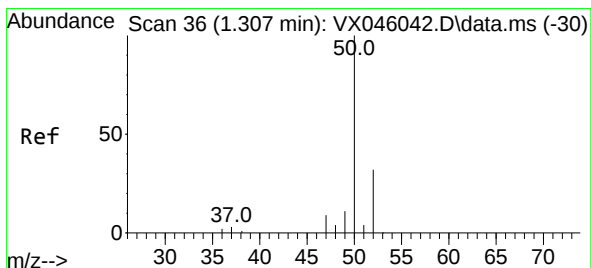
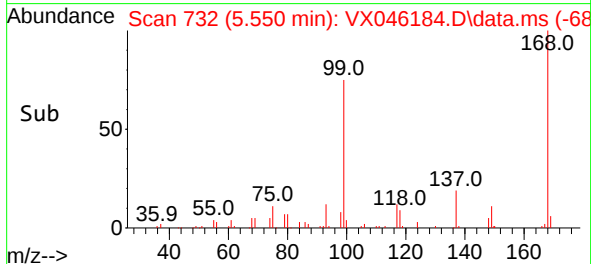
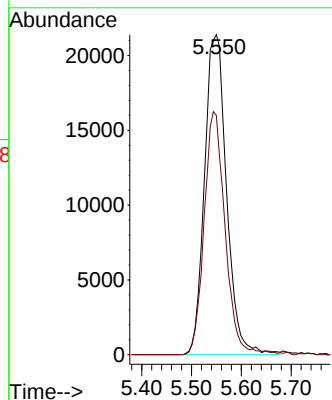
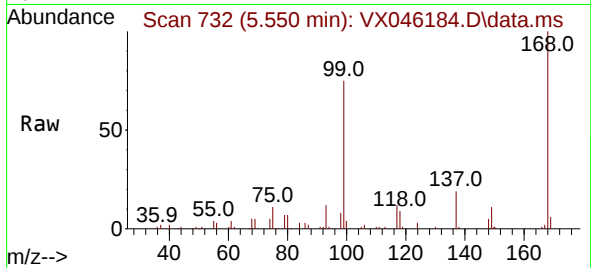




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

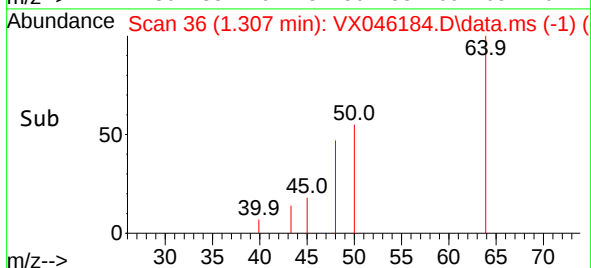
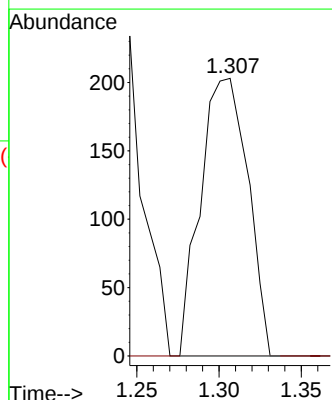
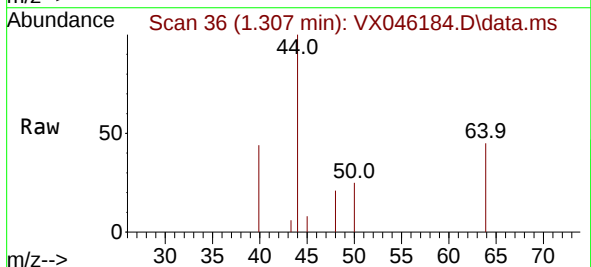
Instrument :
MSVOA_X
ClientSampleId :
TB

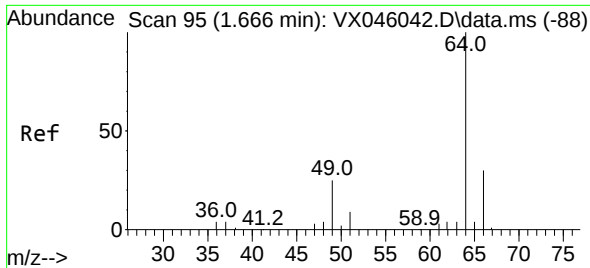
Tgt Ion:168 Resp: 65765
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3



#3
Chloromethane
Concen: 0.418 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

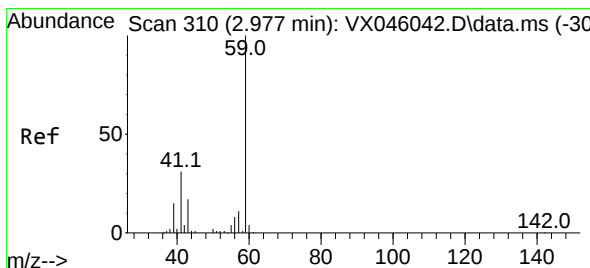
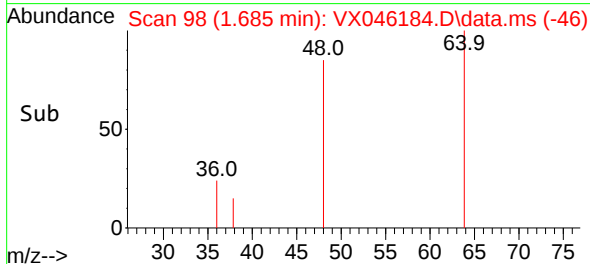
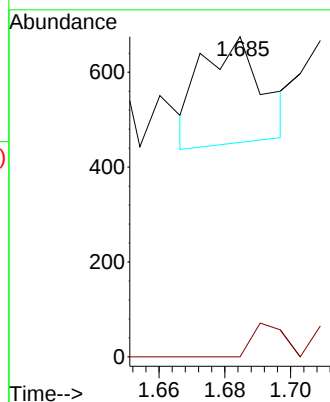
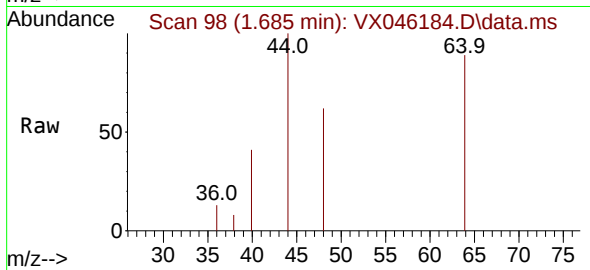




#6
Chloroethane
Concen: 0.594 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

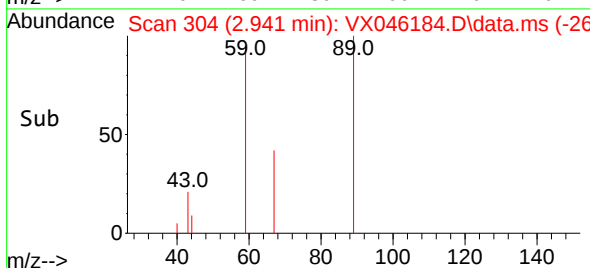
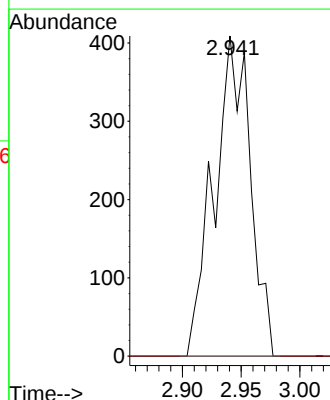
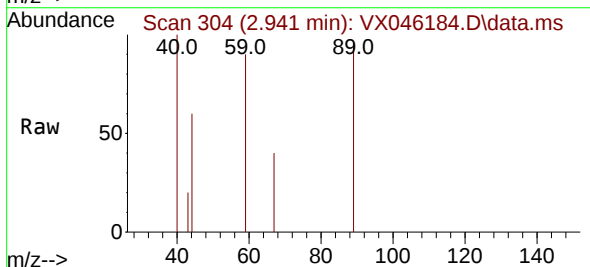
Instrument :
MSVOA_X
ClientSampleId :
TB

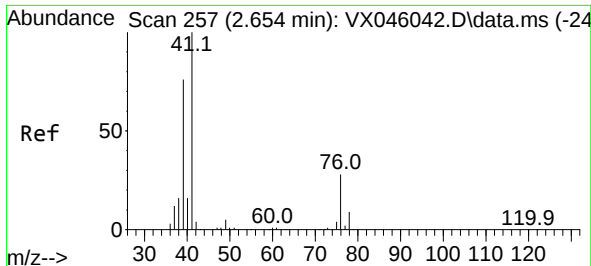
Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#11
Tert butyl alcohol
Concen: 5.084 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 59 Resp: 875
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

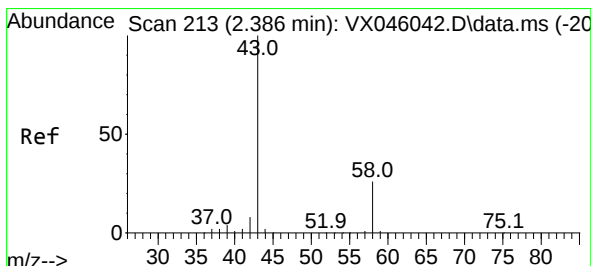
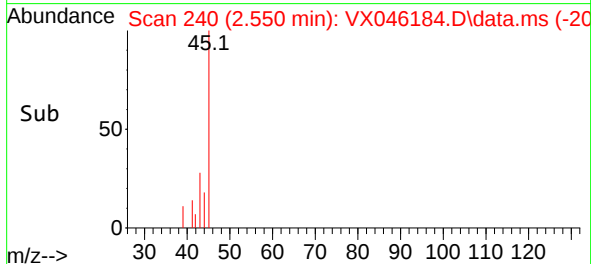
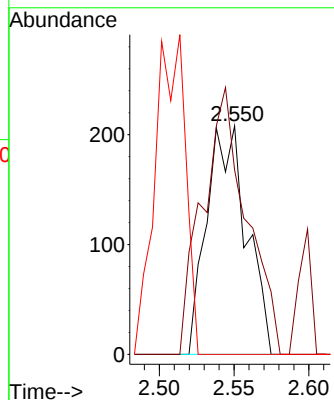
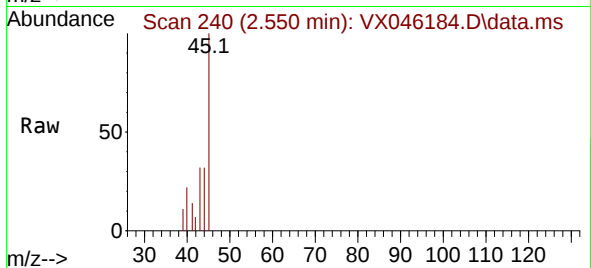




#14
 Allyl chloride
 Concen: 0.258 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.104 min
 Lab File: VX046184.D
 Acq: 14 May 2025 11:13

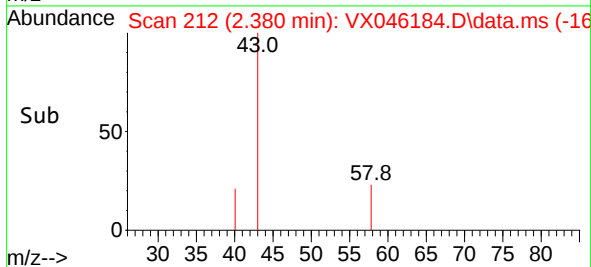
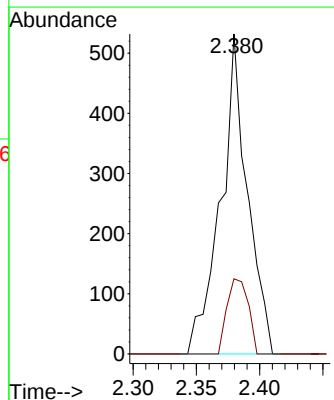
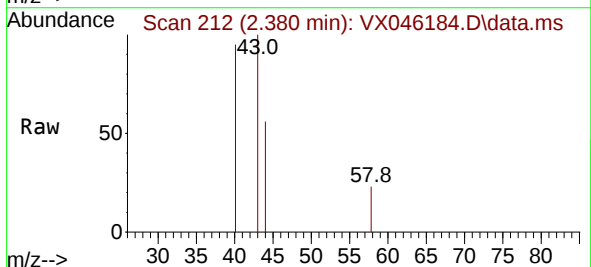
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

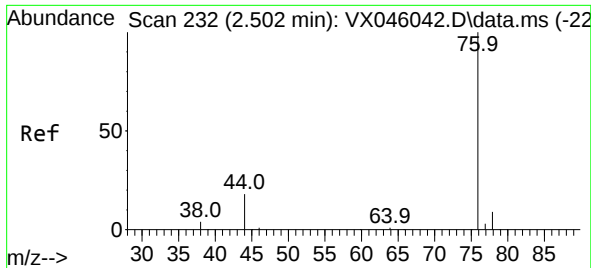
Tgt Ion: 41 Resp: 384
 Ion Ratio Lower Upper
 41 100
 39 129.4 60.6 90.8#
 76 0.0 24.9 37.3#



#16
 Acetone
 Concen: 1.585 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX046184.D
 Acq: 14 May 2025 11:13

Tgt Ion: 43 Resp: 779
 Ion Ratio Lower Upper
 43 100
 58 23.5 21.2 31.8

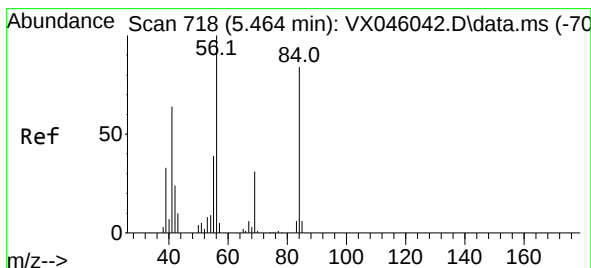
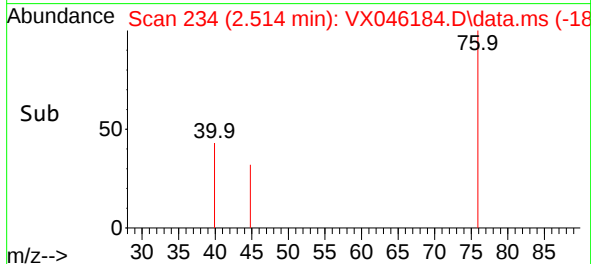
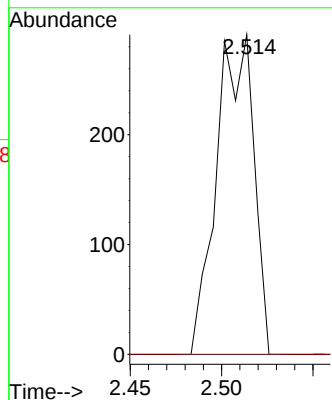
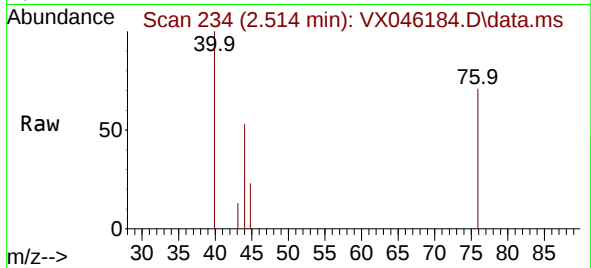




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

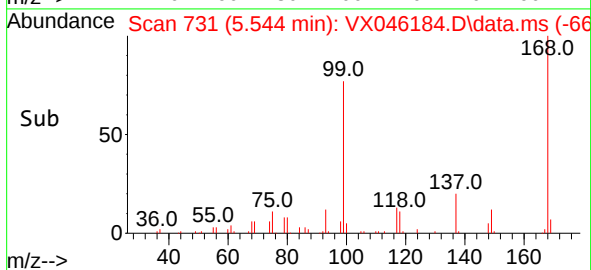
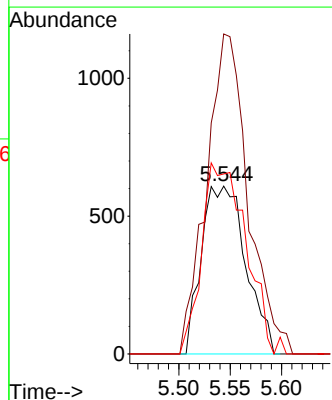
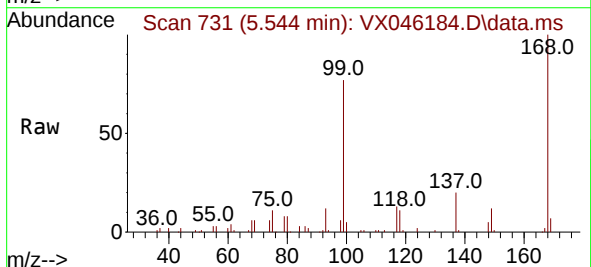
Instrument :
MSVOA_X
ClientSampleId :
TB

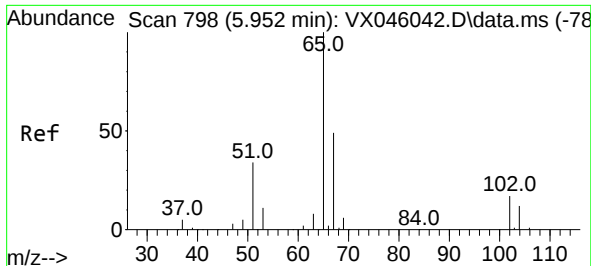
Tgt Ion: 76 Resp: 411
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 56 Resp: 1829
Ion Ratio Lower Upper
56 100
69 190.6 24.4 36.6#
84 107.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.273 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046184.D

Acq: 14 May 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

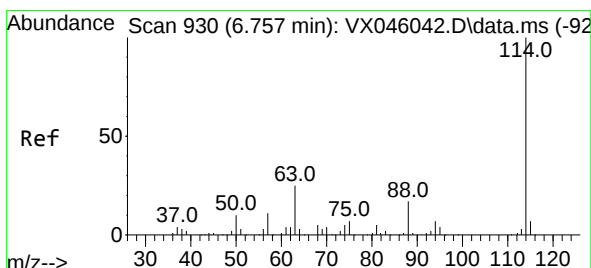
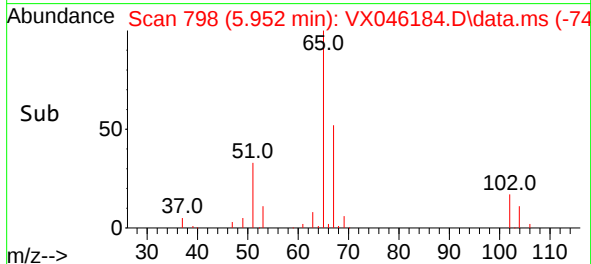
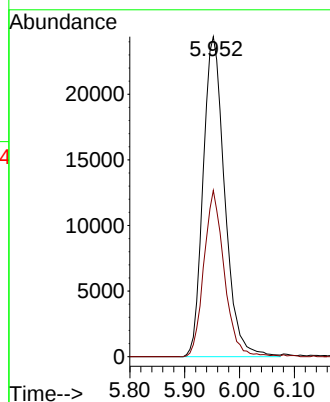
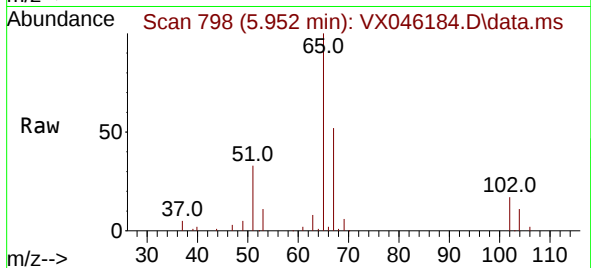
TB

Tgt Ion: 65 Resp: 66542

Ion Ratio Lower Upper

65 100

67 49.2 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: VX046184.D

Acq: 14 May 2025 11:13

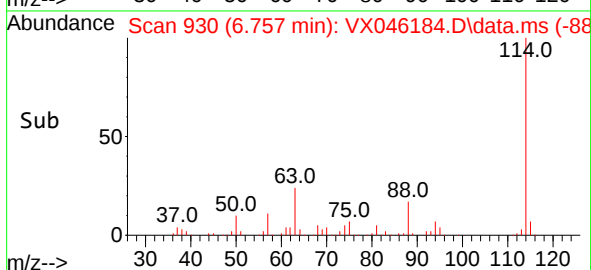
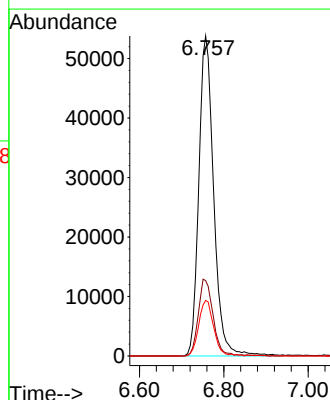
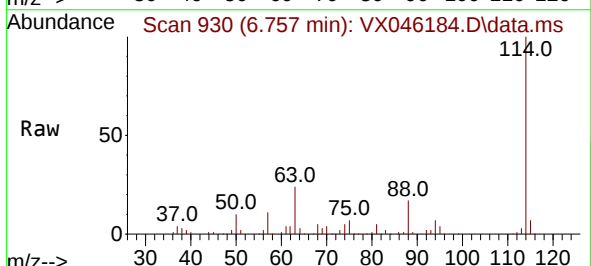
Tgt Ion: 114 Resp: 132071

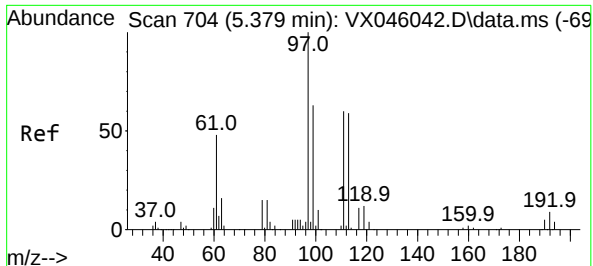
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.2

88 17.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.034 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046184.D

Acq: 14 May 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

TB

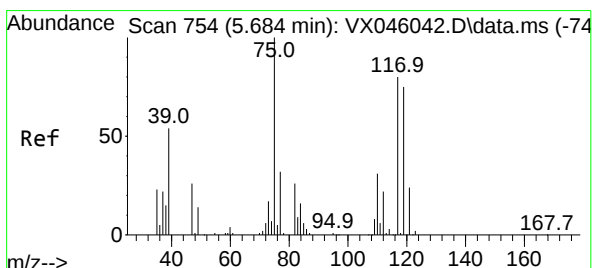
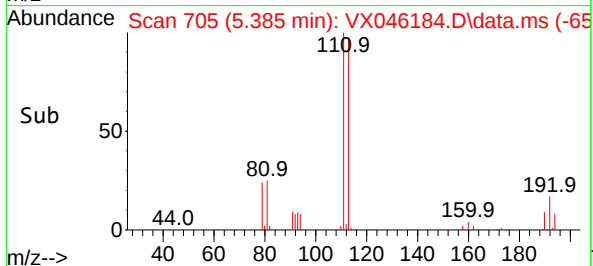
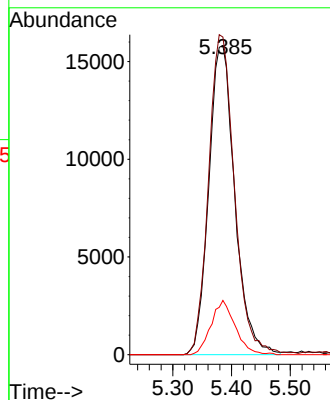
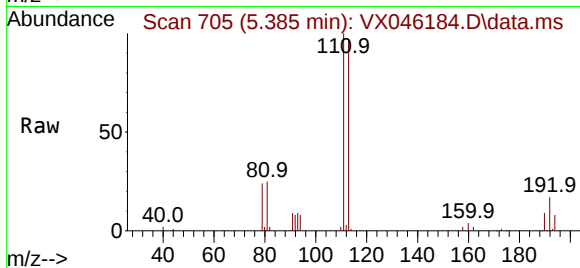
Tgt Ion:113 Resp: 48536

Ion Ratio Lower Upper

113 100

111 103.5 83.1 124.7

192 16.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.204 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX046184.D

Acq: 14 May 2025 11:13

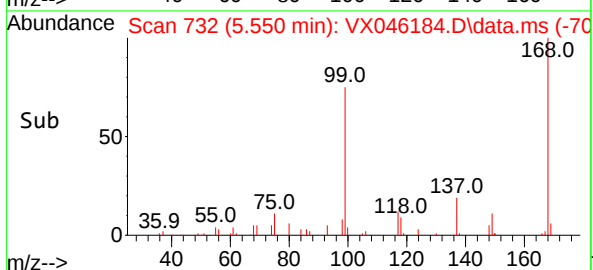
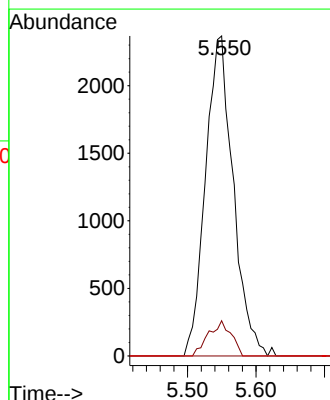
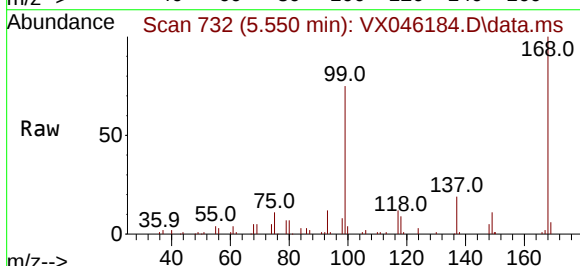
Tgt Ion: 75 Resp: 6650

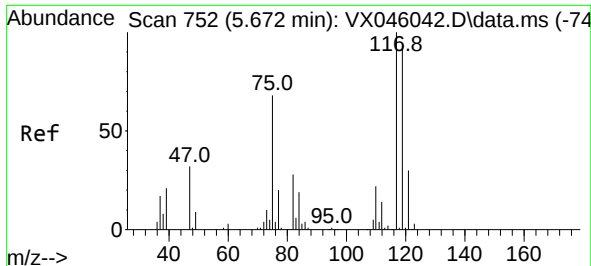
Ion Ratio Lower Upper

75 100

110 9.0 16.3 48.9#

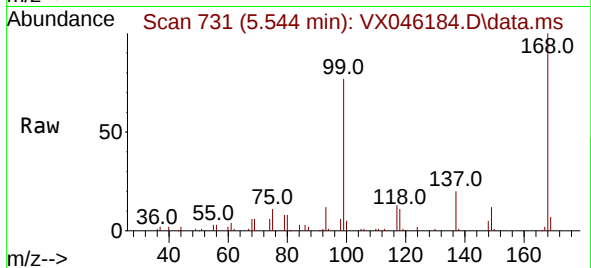
77 0.0 24.3 36.5#



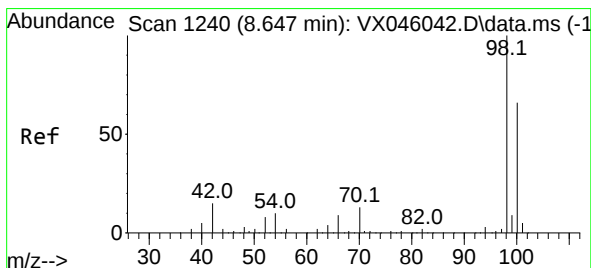
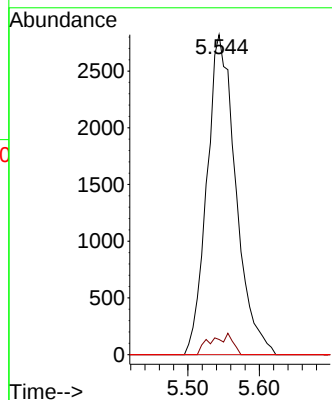
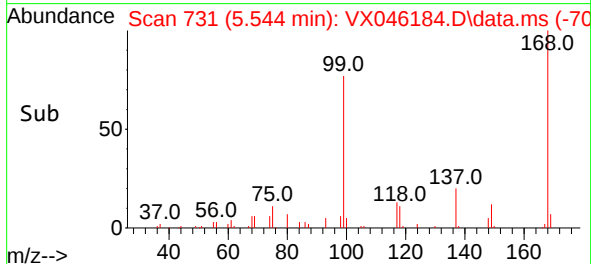


#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Instrument :
MSVOA_X
ClientSampleId :
TB

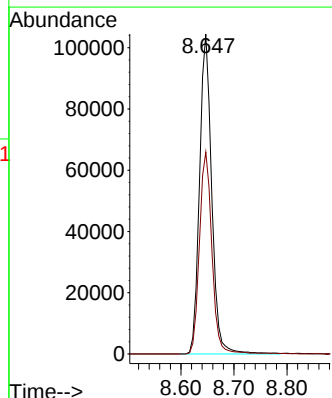
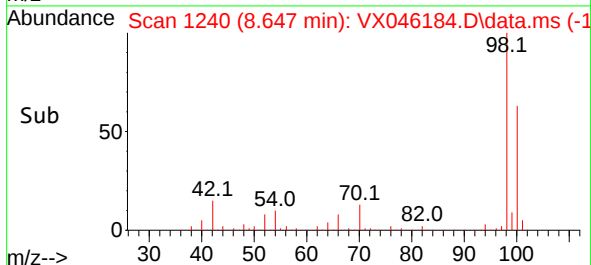
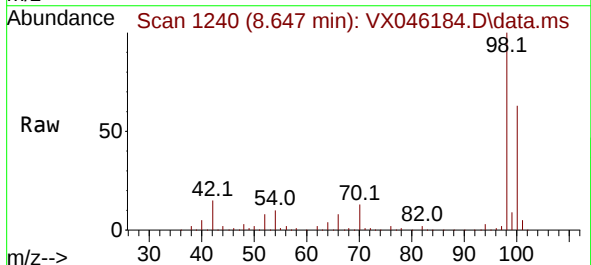


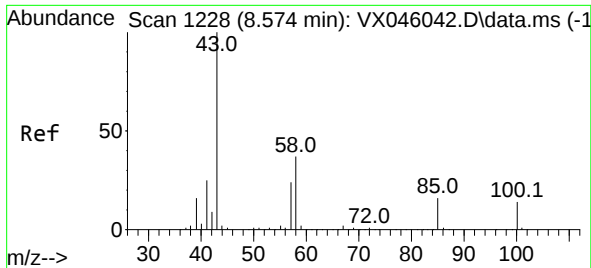
Tgt Ion:117 Resp: 7923
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.607 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 98 Resp: 166585
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3

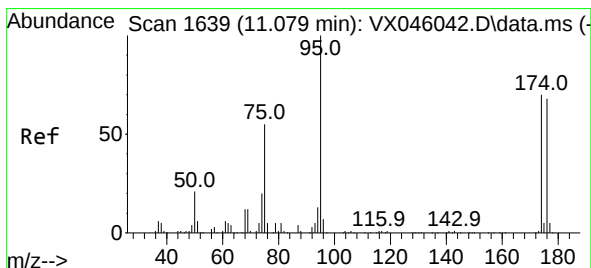
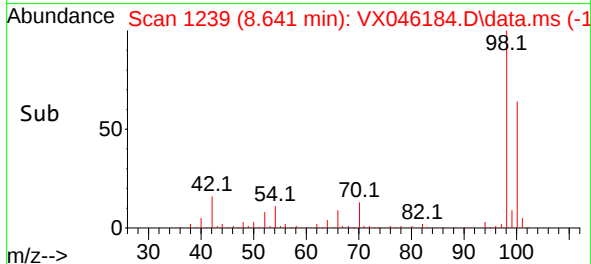
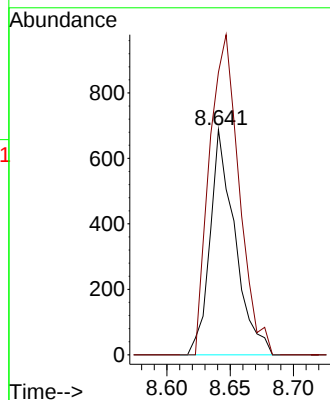
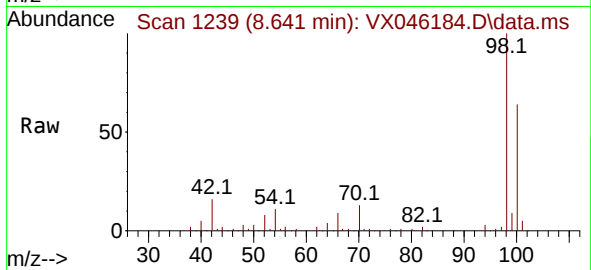




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

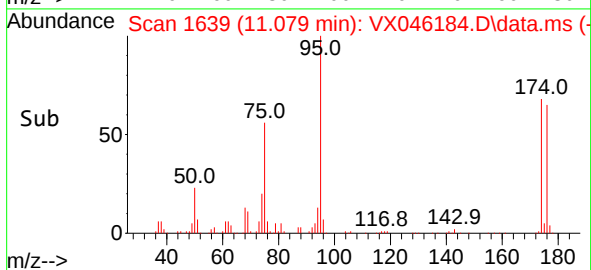
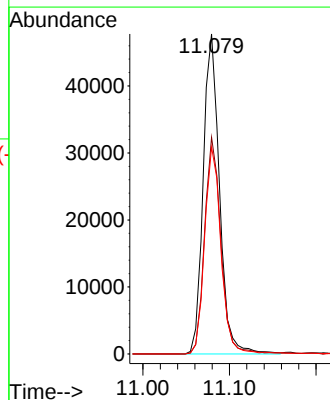
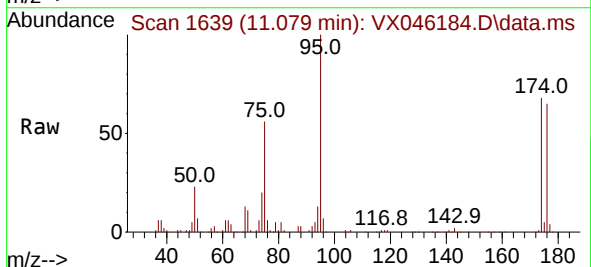
Instrument :
MSVOA_X
ClientSampleId :
TB

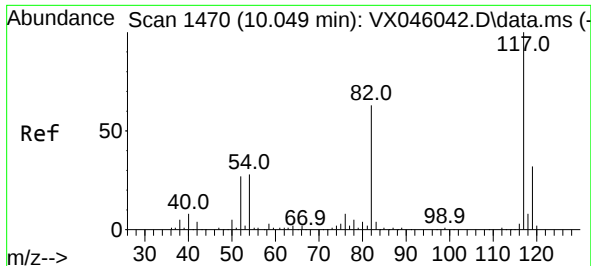
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 169.5 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion: 95 Resp: 62484
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.6 0.0 131.4

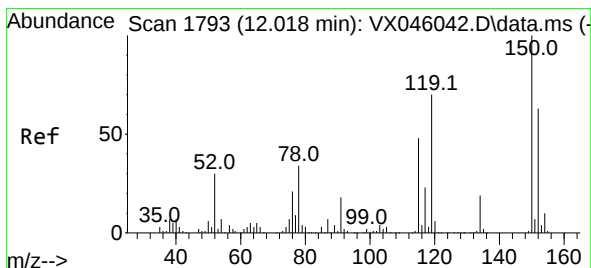
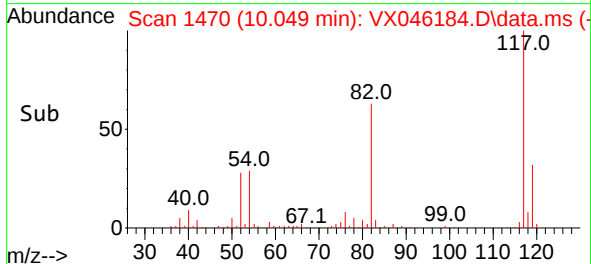
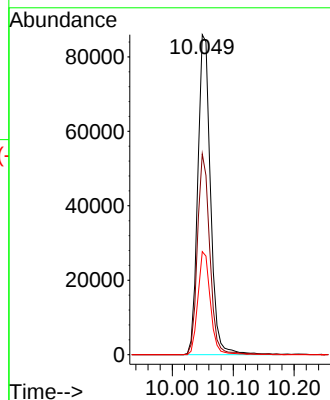
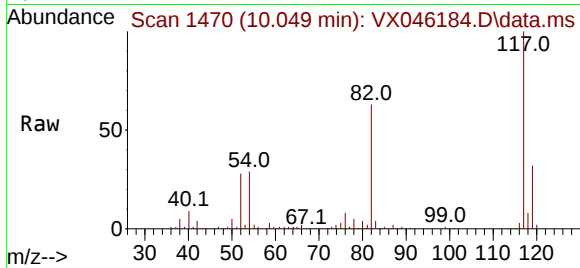




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

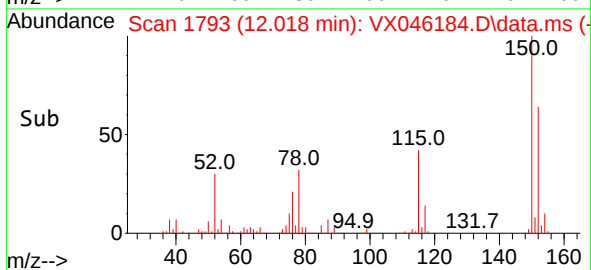
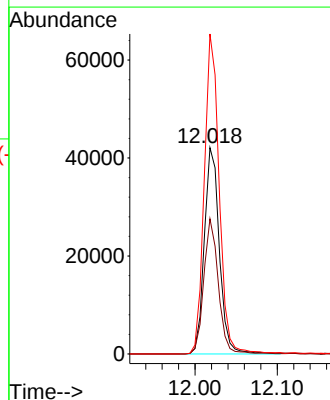
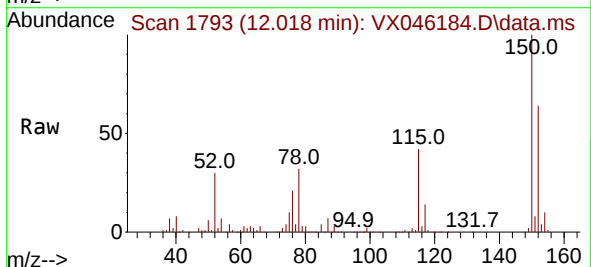
Instrument :
MSVOA_X
ClientSampleId :
TB

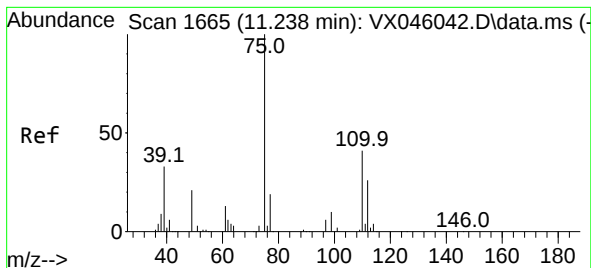
Tgt Ion:117 Resp: 124301
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046184.D
Acq: 14 May 2025 11:13

Tgt Ion:152 Resp: 53565
Ion Ratio Lower Upper
152 100
115 63.7 46.9 140.7
150 154.0 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 27.764 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046184.D

Acq: 14 May 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

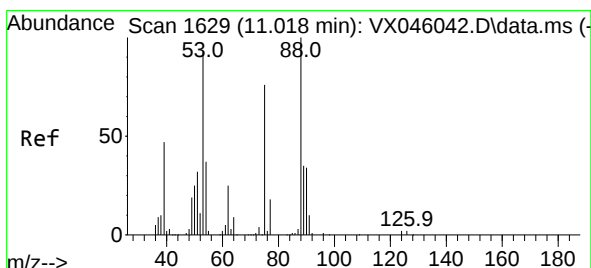
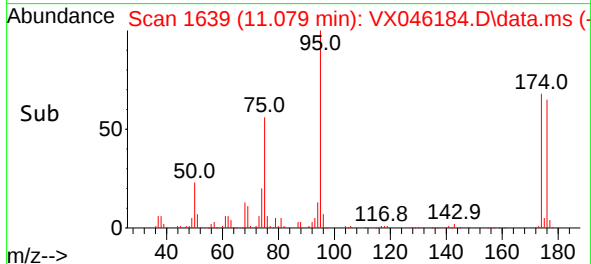
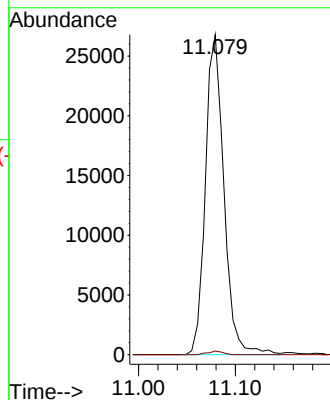
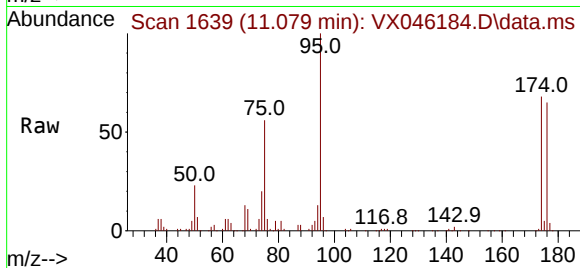
TB

Tgt Ion: 75 Resp: 35797

Ion Ratio Lower Upper

75 100

77 0.9 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.391 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046184.D

Acq: 14 May 2025 11:13

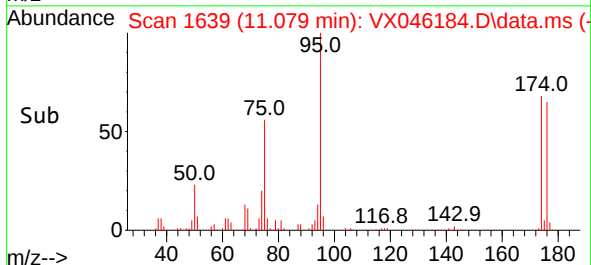
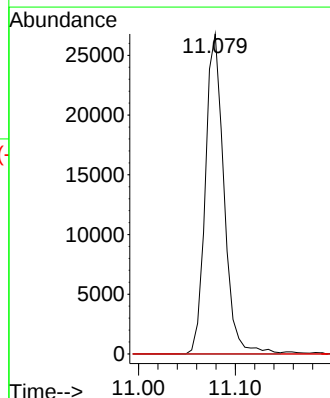
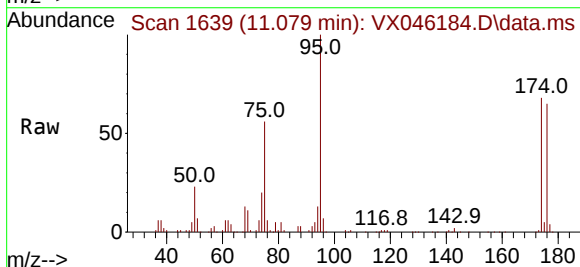
Tgt Ion: 75 Resp: 35797

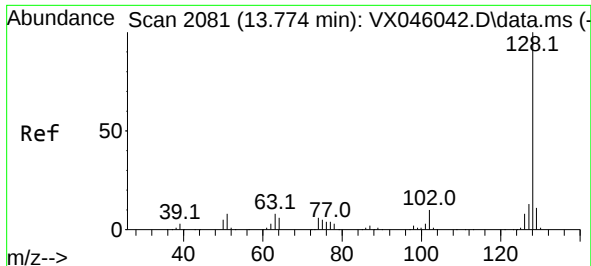
Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 0.255 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX046184.D

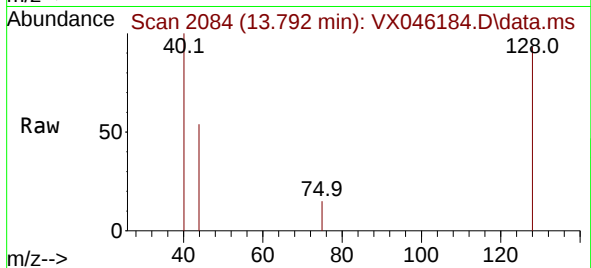
Acq: 14 May 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:128 Resp: 951

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 4.3 8.6 13.0#

