

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022611.D
 Acq On : 06 Jun 2025 19:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

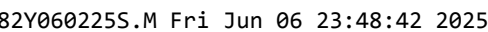
Quant Time: Jun 06 23:48:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

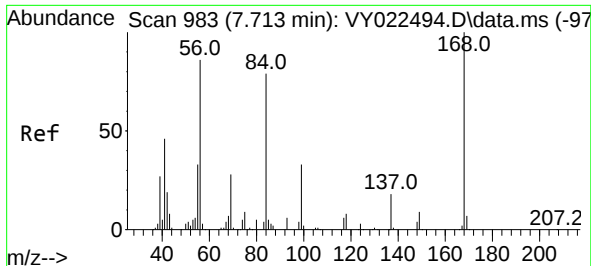
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	311461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	575371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	186654	53.582	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.160%	
35) Dibromofluoromethane	7.628	113	172404	50.201	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.400%	
50) Toluene-d8	10.103	98	705385	50.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.401	95	180593	43.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.360%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.610	84	7108	1.769	ug/l #	83
31) Cyclohexane	7.701	56	8674	1.296	ug/l #	25
36) 1,1-Dichloropropene	7.707	75	28779	5.163	ug/l #	50
38) Carbon Tetrachloride	7.707	117	31928	5.584	ug/l #	16
49) 1,4-Dioxane	9.085	88	33	1.273	ug/l #	24
51) 4-Methyl-2-Pentanone	10.097	43	3630	1.356	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	108919	51.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	108919	124.130	ug/l #	10

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

Quant Time: Jun 06 23:48:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

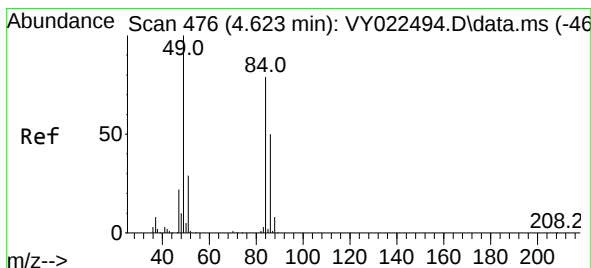
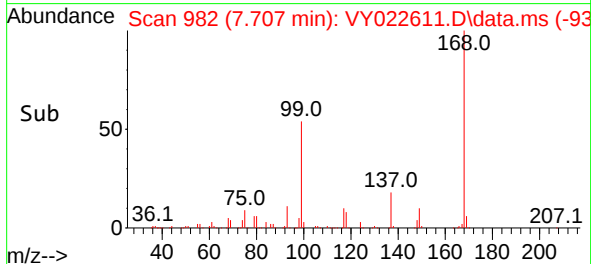
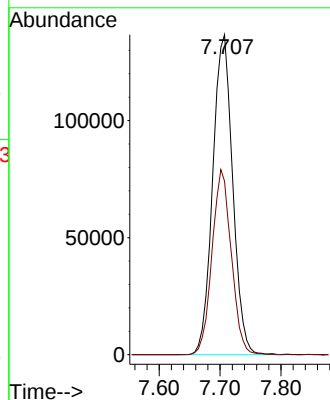
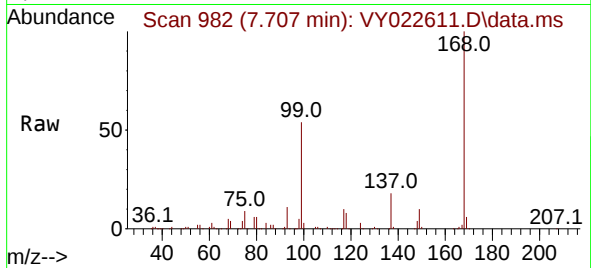




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

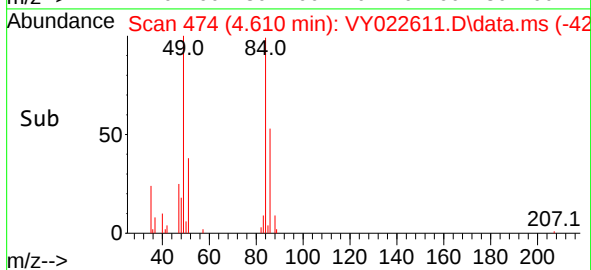
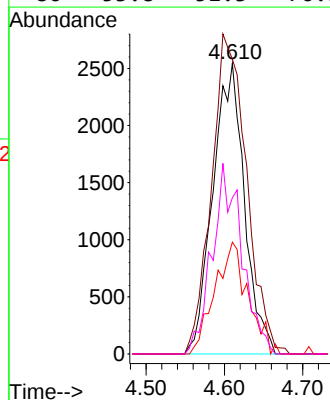
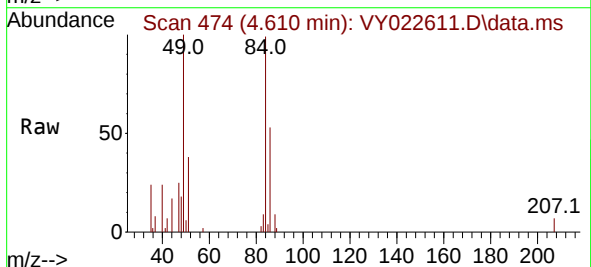
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

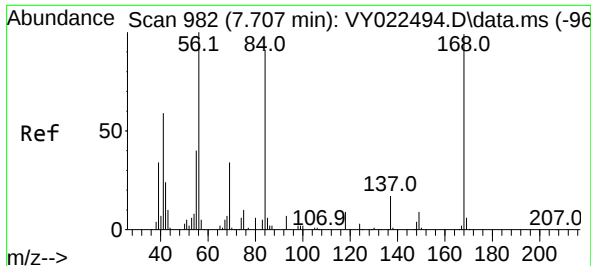
Tgt Ion:168 Resp: 311461
Ion Ratio Lower Upper
168 100
99 54.3 44.3 66.5



#20
Methylene Chloride
Concen: 1.769 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 84 Resp: 7108
Ion Ratio Lower Upper
84 100
49 101.5 101.9 152.9#
51 38.5 29.8 44.8
86 53.8 51.3 76.9

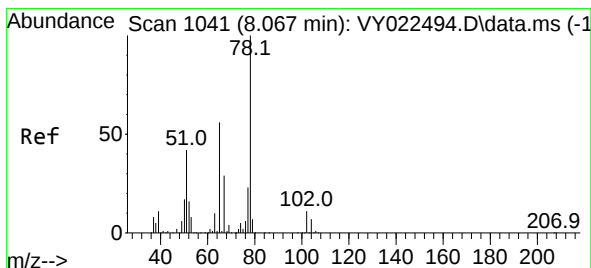
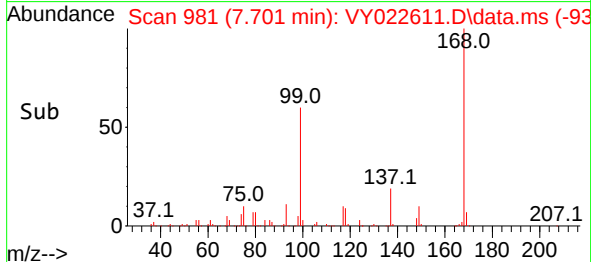
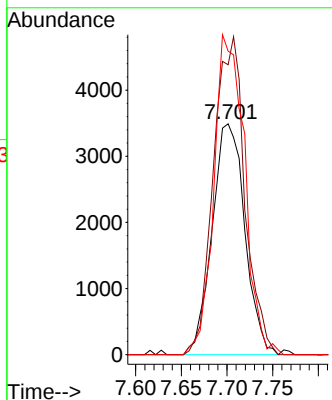
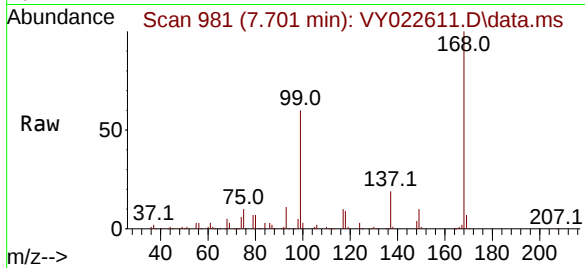




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

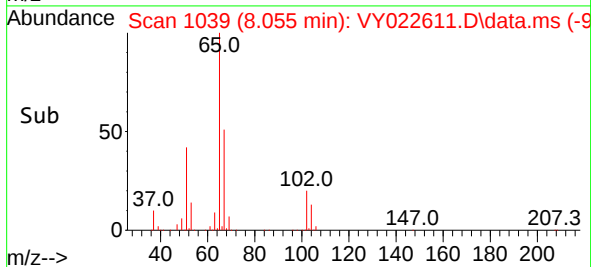
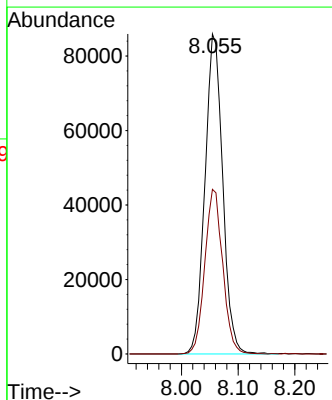
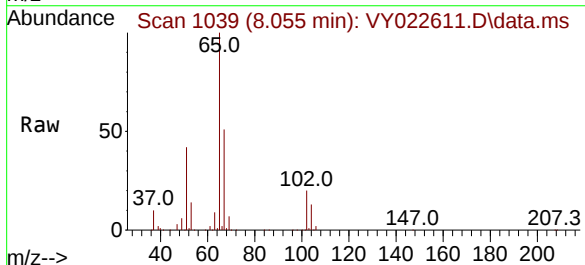
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

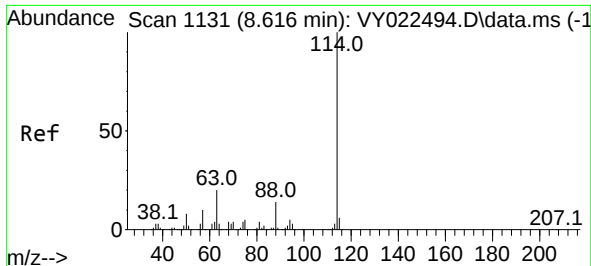
Tgt Ion: 56 Resp: 8674
Ion Ratio Lower Upper
56 100
69 125.6 27.0 40.6#
84 131.5 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 53.582 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 65 Resp: 186654
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

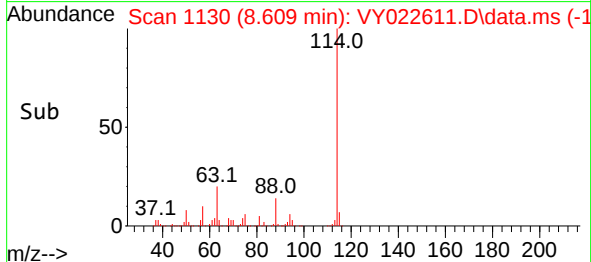
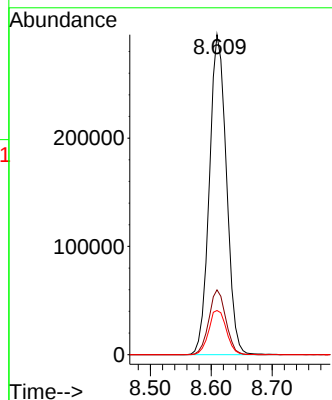
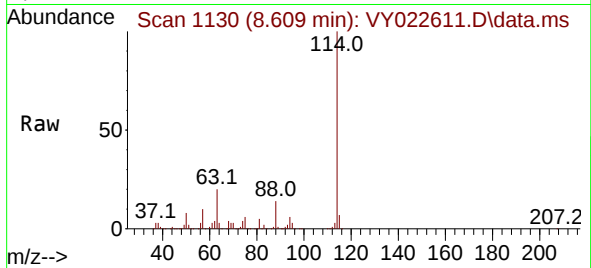




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY022611.D
 Acq: 06 Jun 2025 19:35

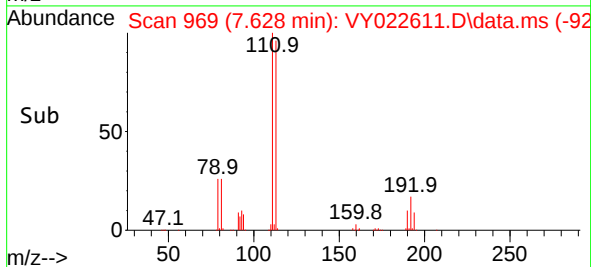
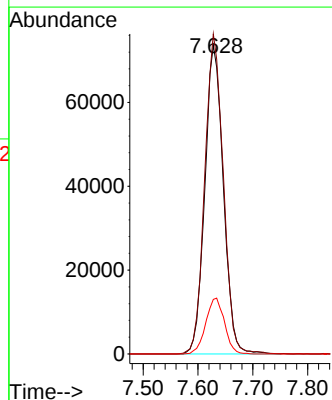
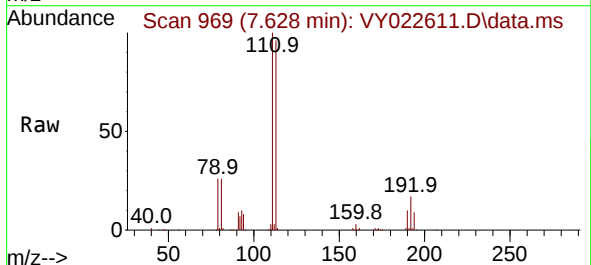
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

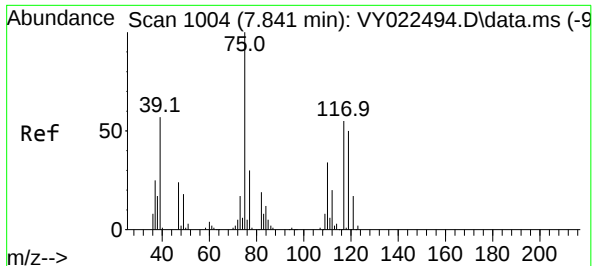
Tgt Ion:114 Resp: 575371
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 13.8 0.0 27.8



#35
 Dibromofluoromethane
 Concen: 50.201 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.012 min
 Lab File: VY022611.D
 Acq: 06 Jun 2025 19:35

Tgt Ion:113 Resp: 172404
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.1 121.7
 192 18.3 14.2 21.2

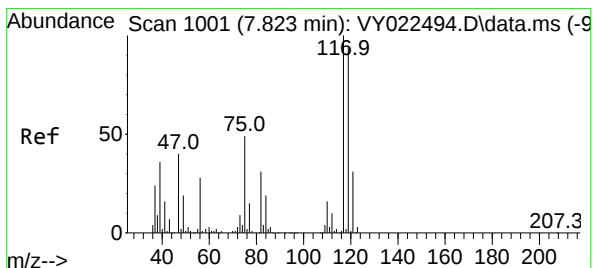
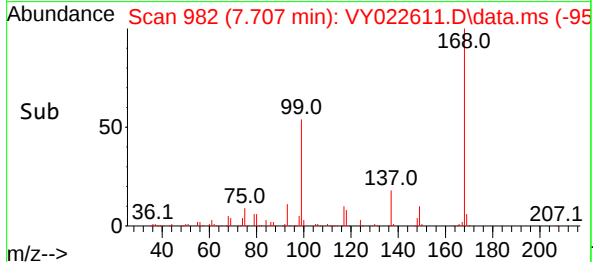
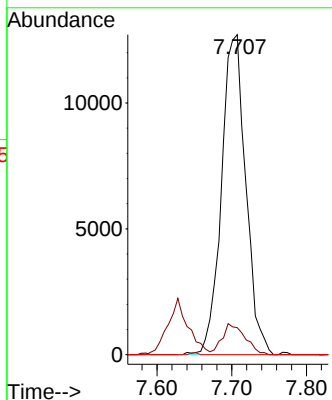
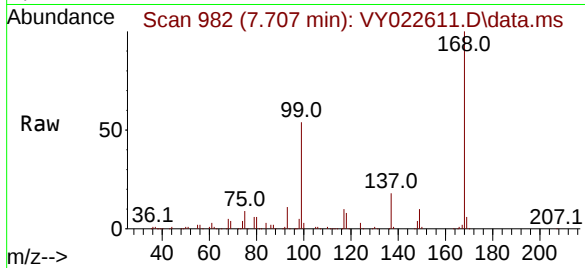




#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

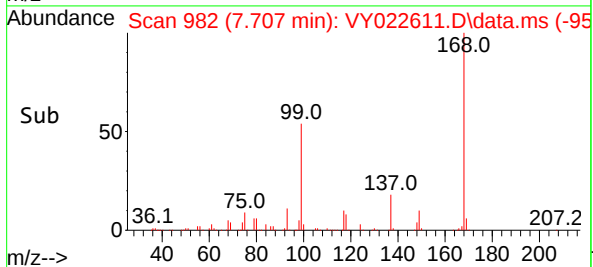
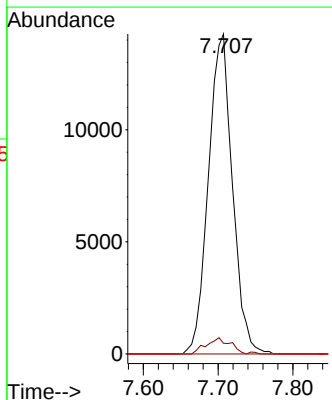
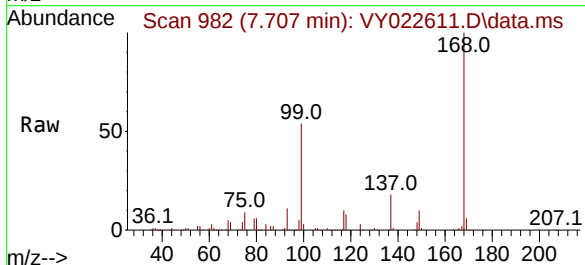
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

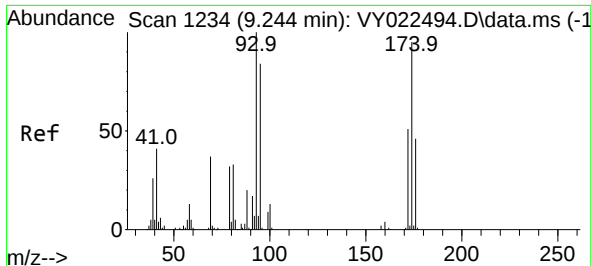
Tgt Ion: 75 Resp: 28779
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 117 Resp: 31928
Ion Ratio Lower Upper
117 100
119 3.4 75.0 112.6#
121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 1.273 ug/l

RT: 9.085 min Scan# 11

Delta R.T. -0.159 min

Lab File: VY022611.D

Acq: 06 Jun 2025 19:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

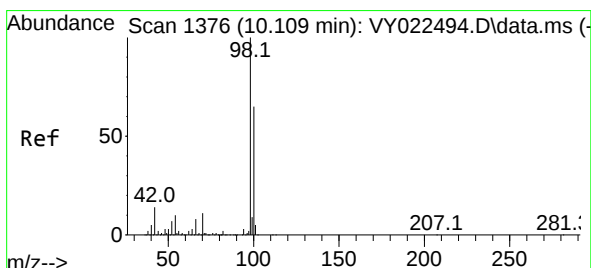
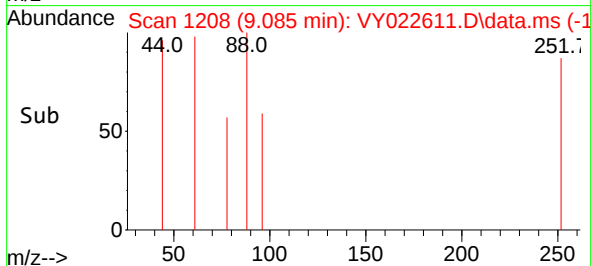
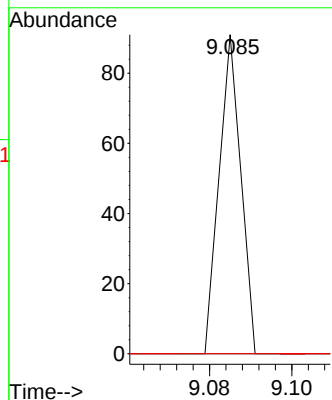
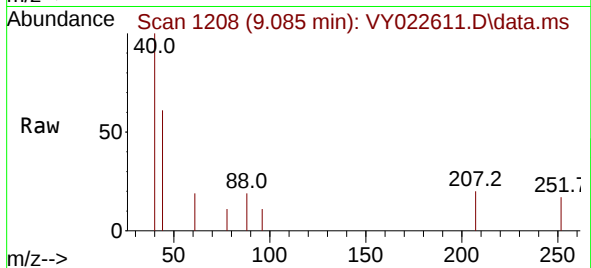
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 0.0 25.4 38.2#

58 0.0 54.9 82.3#



#50

Toluene-d8

Concen: 50.832 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022611.D

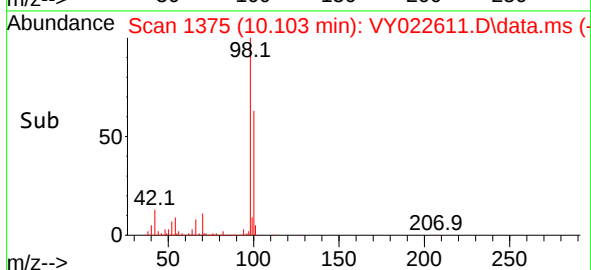
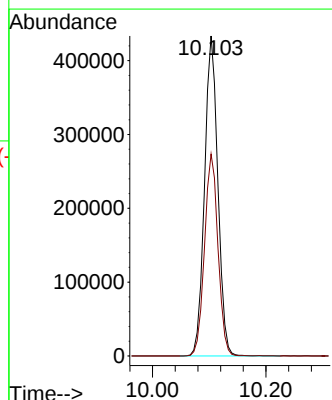
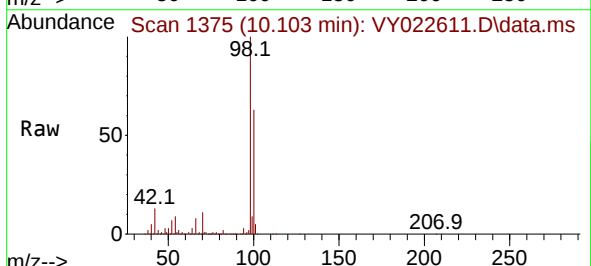
Acq: 06 Jun 2025 19:35

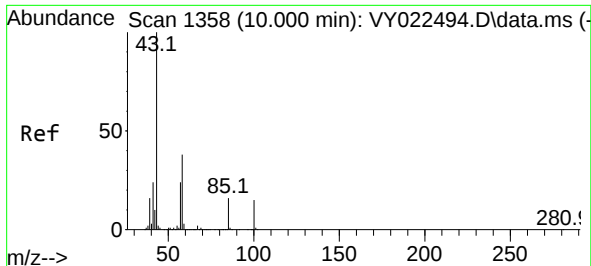
Tgt Ion: 98 Resp: 705385

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

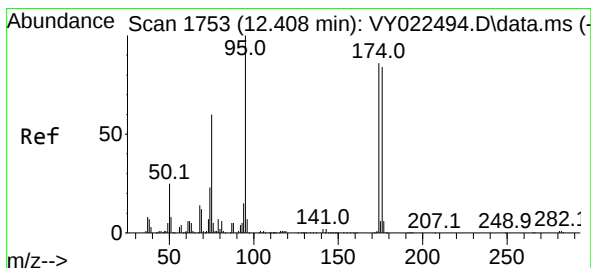
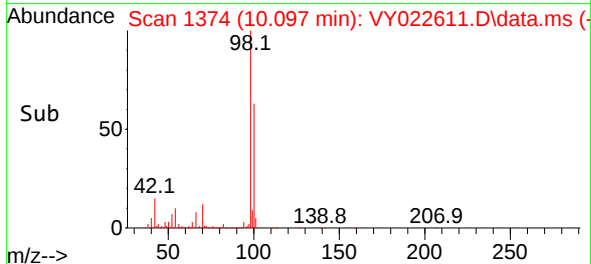
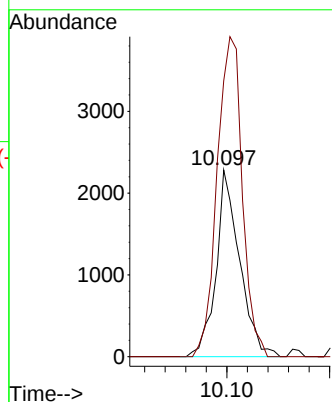
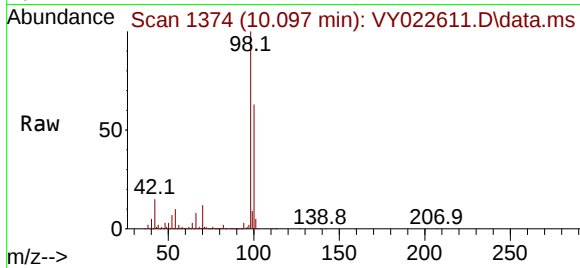




#51
4-Methyl-2-Pentanone
Concen: 1.356 ug/l
RT: 10.097 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

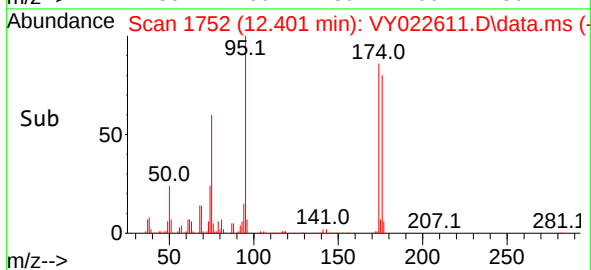
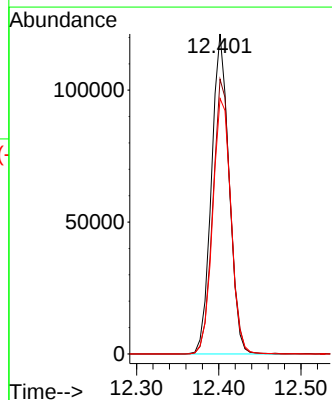
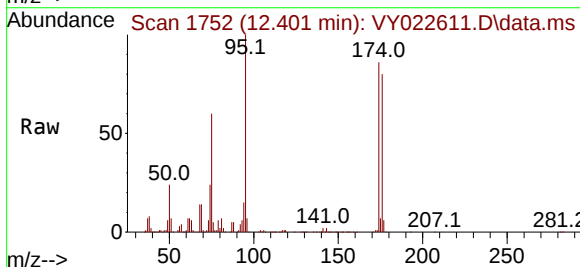
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

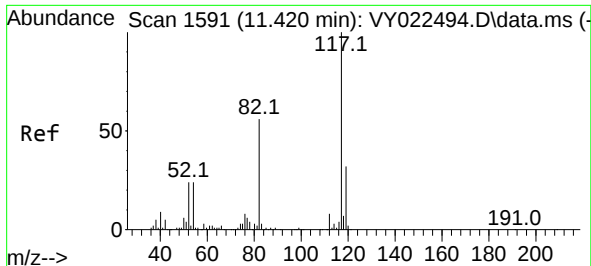
Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
58 183.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.679 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 95 Resp: 180593
Ion Ratio Lower Upper
95 100
174 86.2 0.0 170.0
176 82.8 0.0 166.2

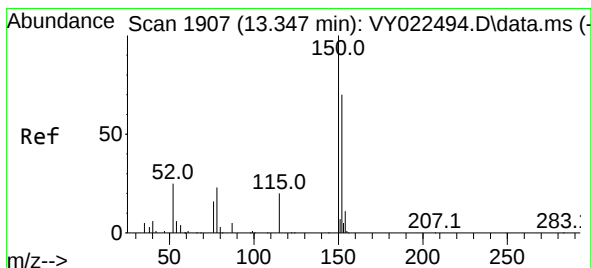
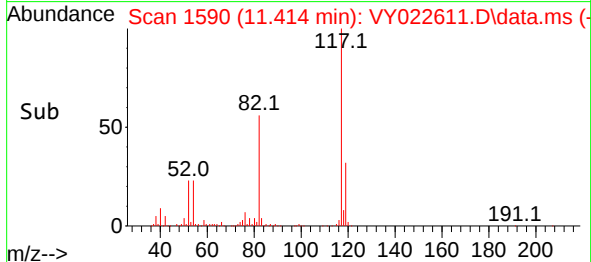
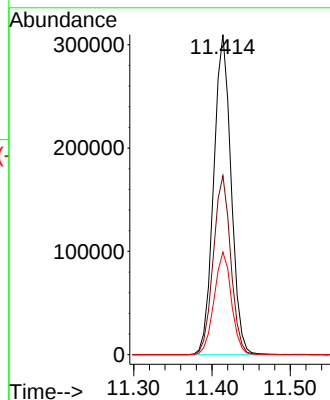
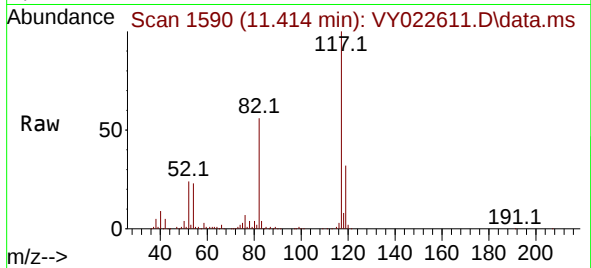




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

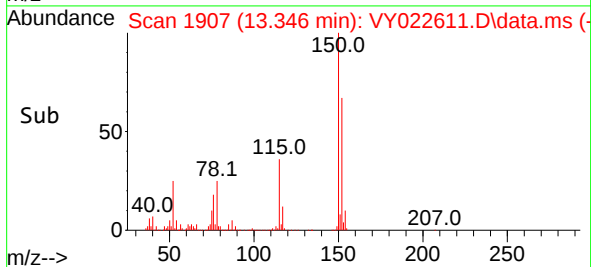
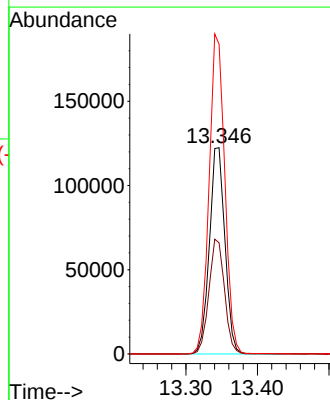
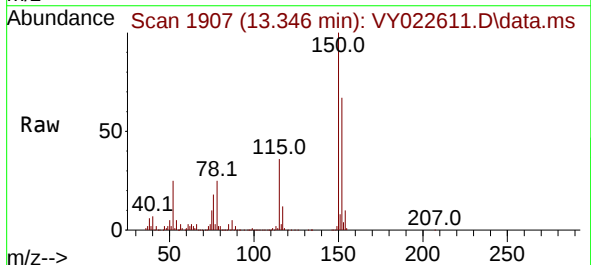
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

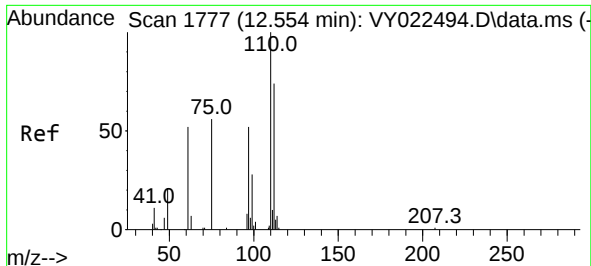
Tgt Ion:117 Resp: 478901
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion:152 Resp: 185222
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 155.7 0.0 349.6

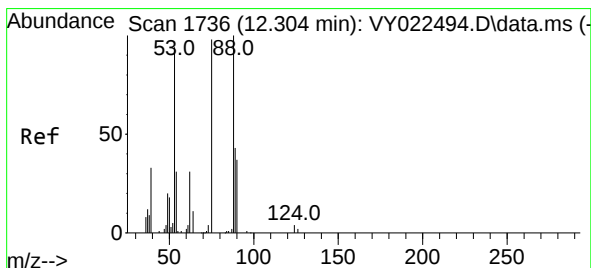
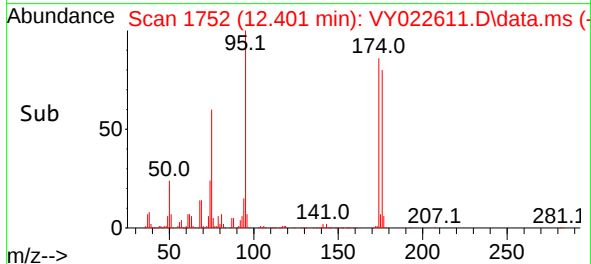
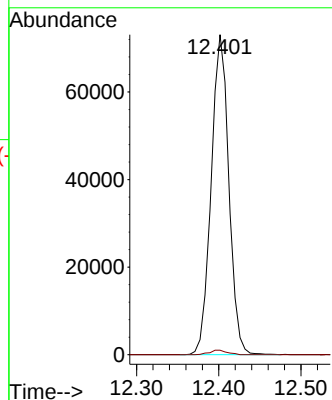
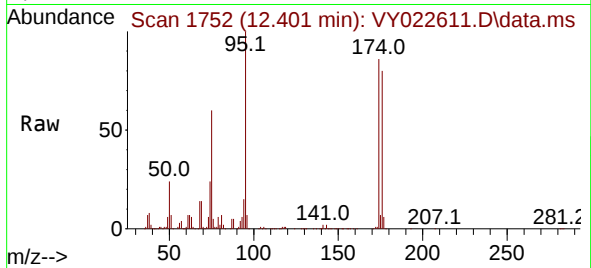




#76
1,2,3-Trichloropropane
Concen: 51.401 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 108919
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.130 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022611.D
Acq: 06 Jun 2025 19:35

Tgt Ion: 75 Resp: 108919
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

