

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023333.D
 Acq On : 10 Sep 2025 15:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 11 03:51:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

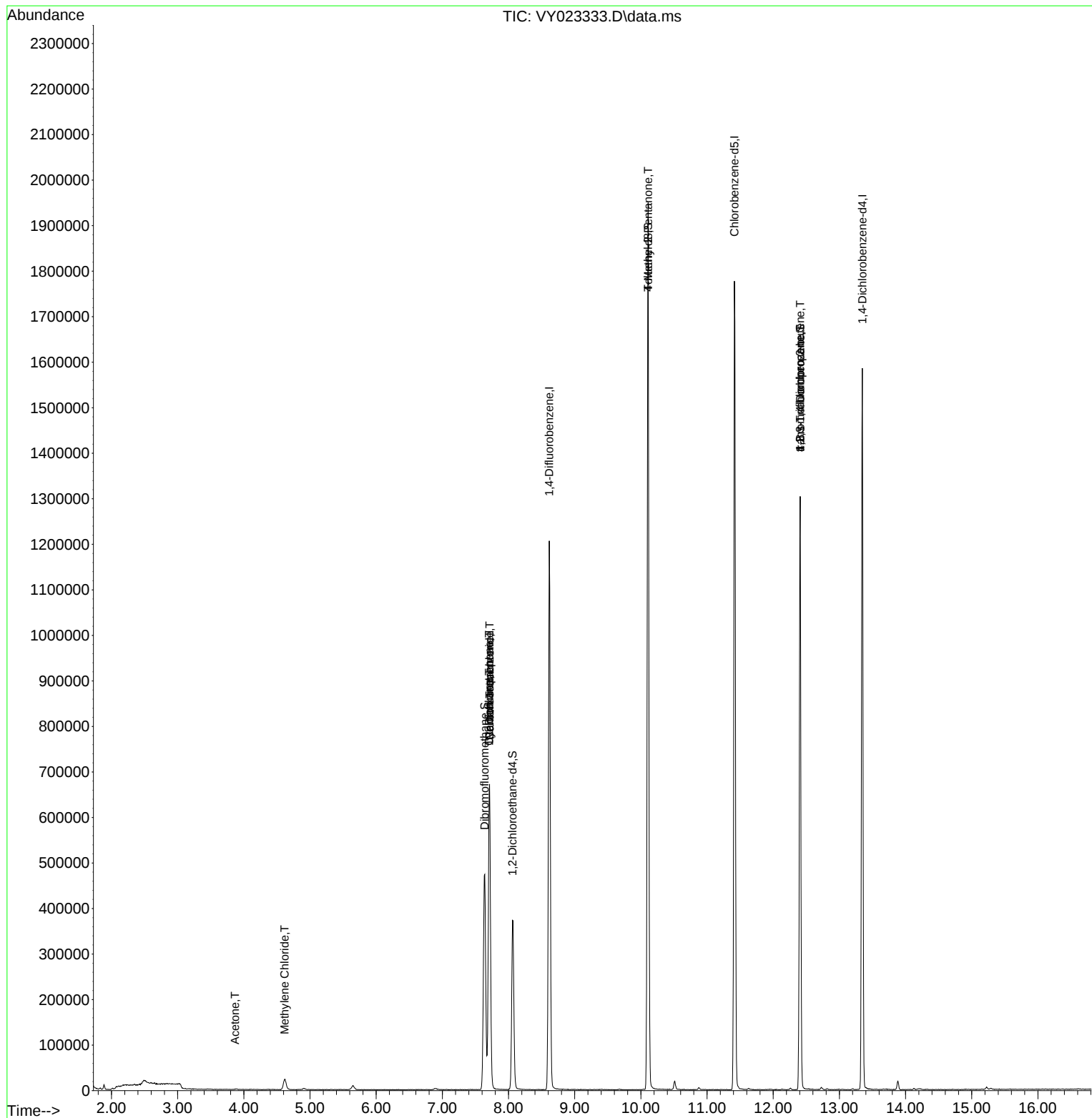
Internal Standards						
1) Pentafluorobenzene	7.713	168	550193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1056720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	988330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	411278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	297507	61.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.080%	
35) Dibromofluoromethane	7.640	113	343752	53.218	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.109	98	1275363	52.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.408	95	384355	50.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	1917	1.741	ug/l	99
20) Methylene Chloride	4.616	84	18205	3.090	ug/l	99
31) Cyclohexane	7.707	56	10005	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	39112	4.251	ug/l #	49
38) Carbon Tetrachloride	7.713	117	52667	4.975	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	4667	1.282	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	192607	46.245	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	192607	126.113	ug/l #	14

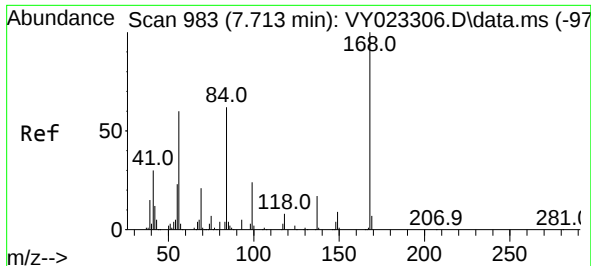
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
Data File : VY023333.D
Acq On : 10 Sep 2025 15:13
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Sep 11 03:51:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

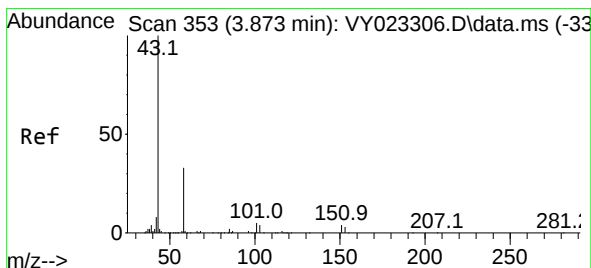
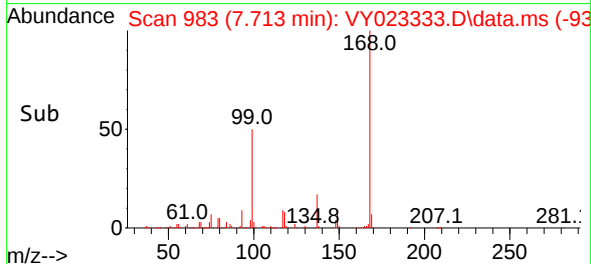
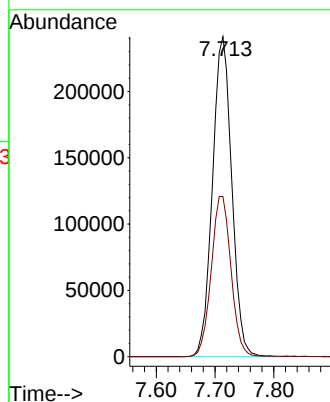
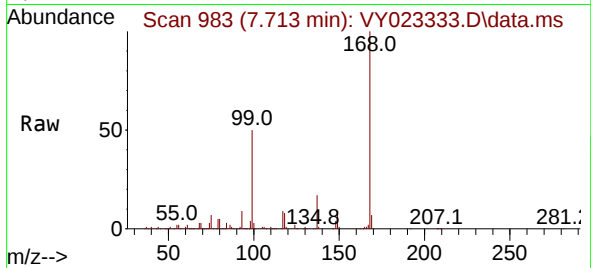




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

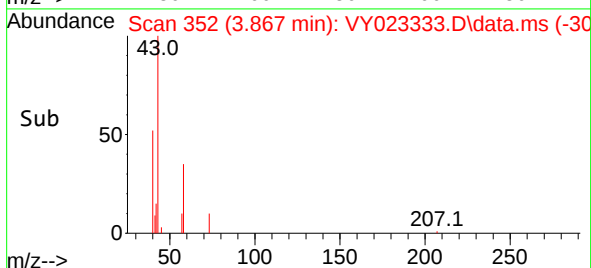
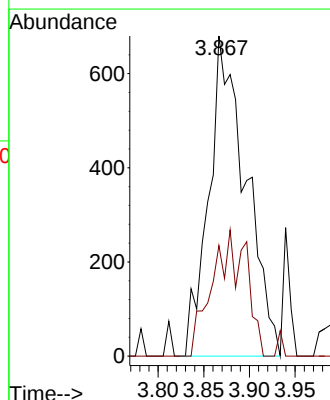
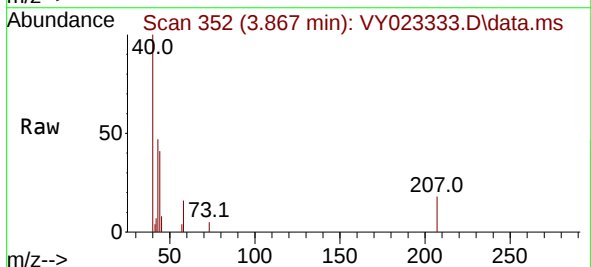
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

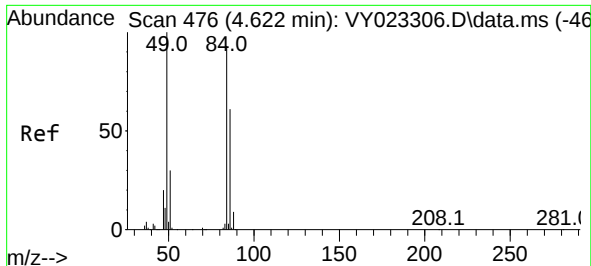
Tgt Ion:168 Resp: 550193
Ion Ratio Lower Upper
168 100
99 50.1 42.8 64.2



#16
Acetone
Concen: 1.741 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7

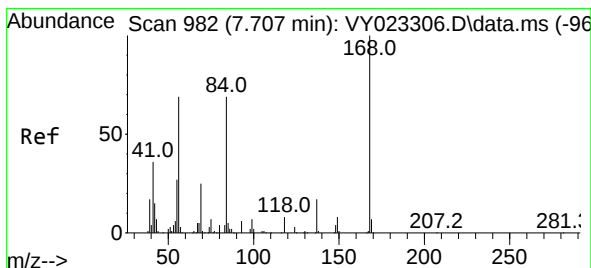
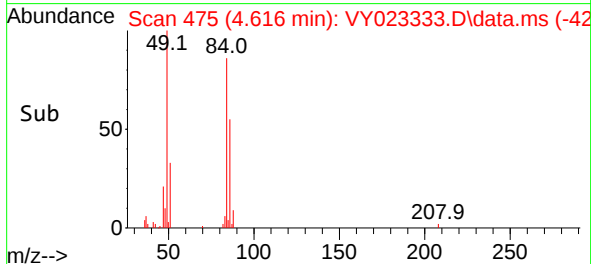
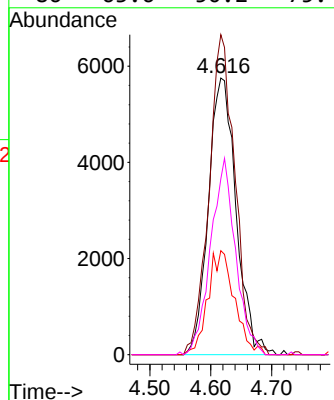
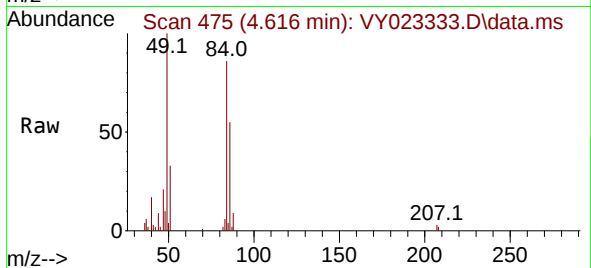




#20
Methylene Chloride
Concen: 3.090 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

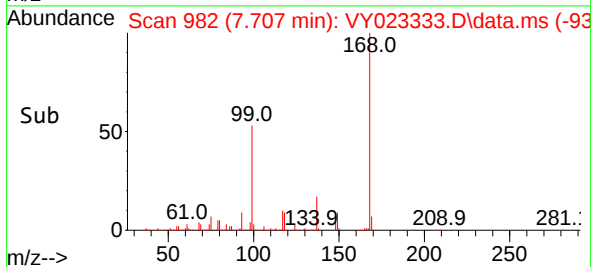
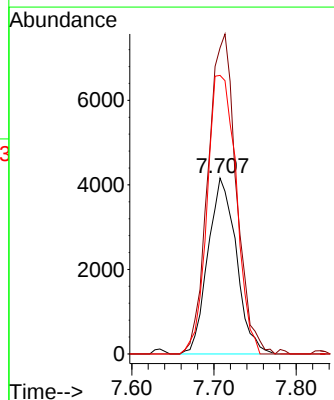
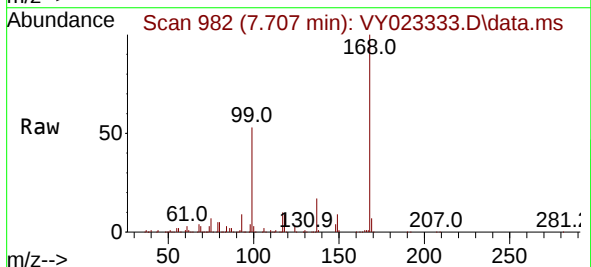
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

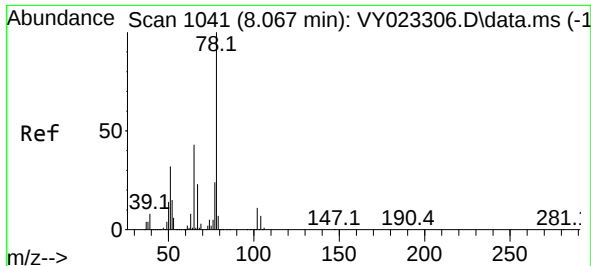
Tgt Ion:	84	Resp:	18205
Ion	Ratio	Lower	Upper
84	100		
49	115.7	93.0	139.6
51	37.6	29.0	43.4
86	63.6	50.2	75.4



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

Tgt Ion:	56	Resp:	10005
Ion	Ratio	Lower	Upper
56	100		
69	174.1	28.2	42.2#
84	158.4	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 61.537 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

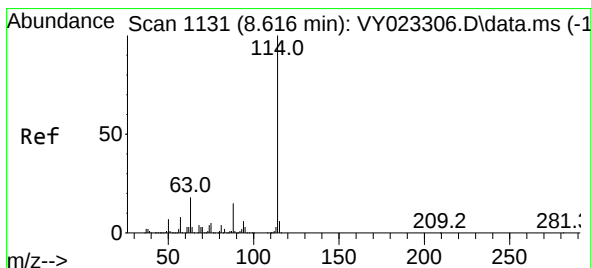
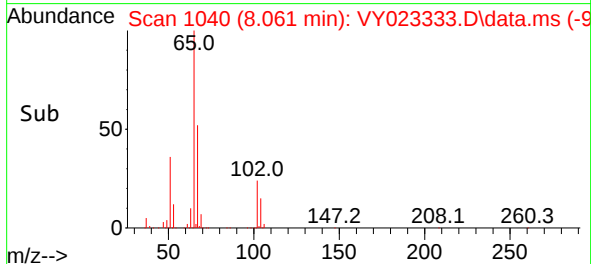
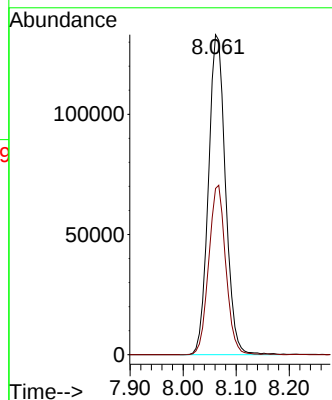
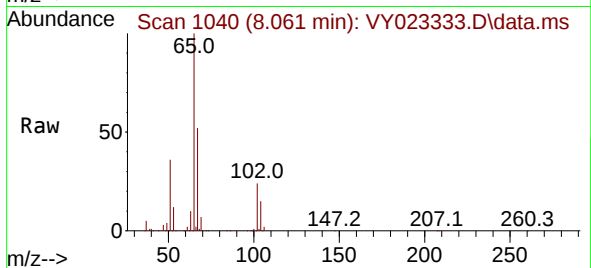
VIBLK

Tgt Ion: 65 Resp: 297507

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

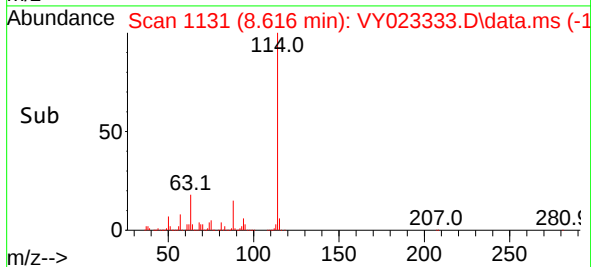
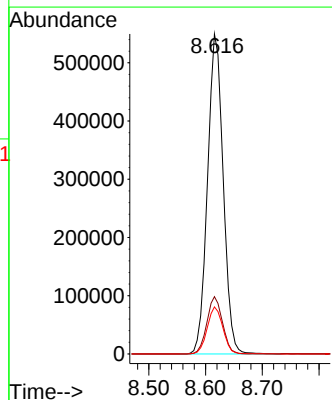
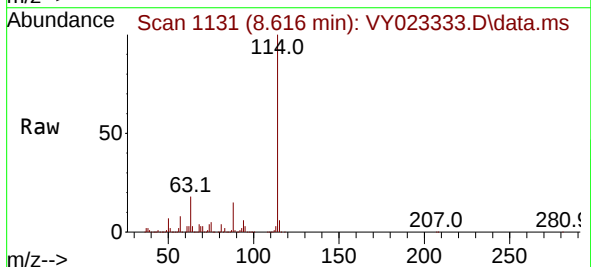
Tgt Ion:114 Resp: 1056720

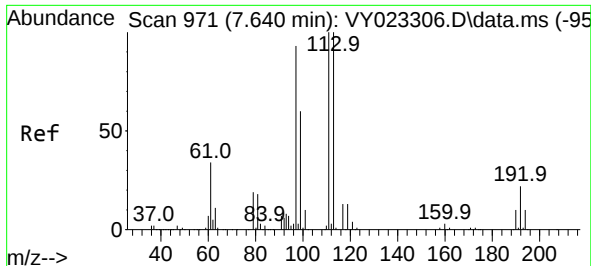
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 14.7 0.0 30.0

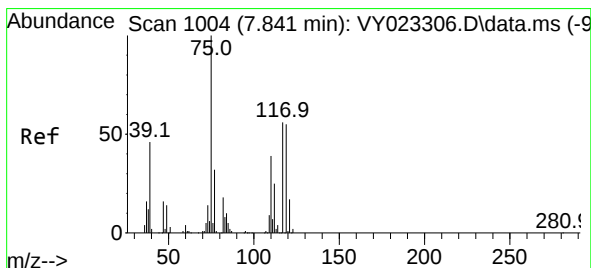
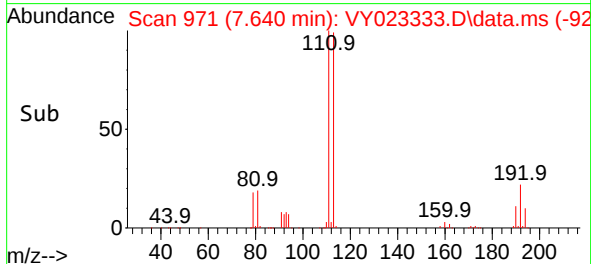
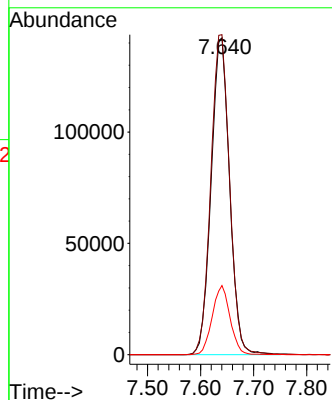
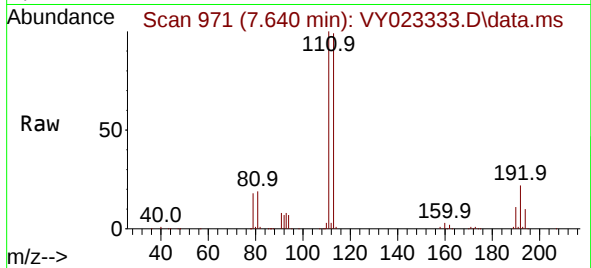




#35
Dibromofluoromethane
Concen: 53.218 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

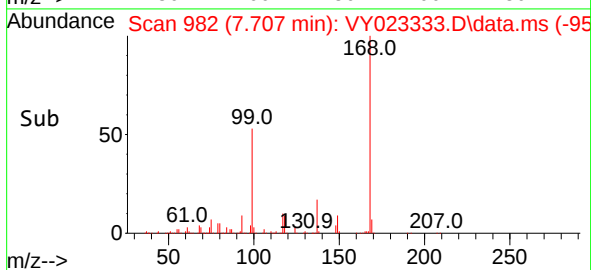
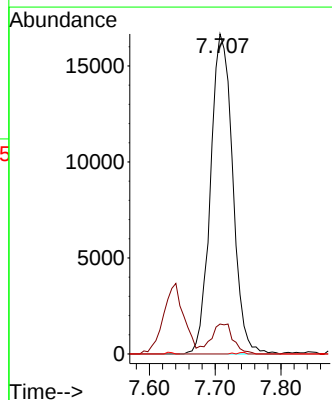
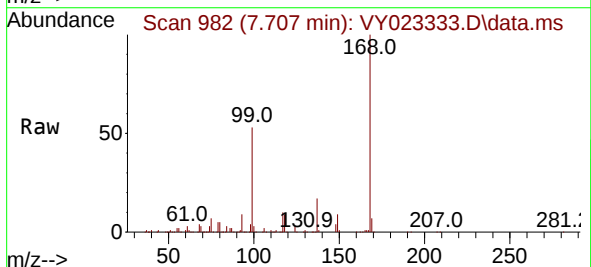
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

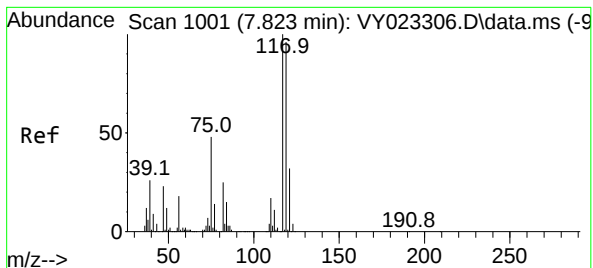
Tgt Ion:113 Resp: 343752
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.251 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

Tgt Ion: 75 Resp: 39112
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.975 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

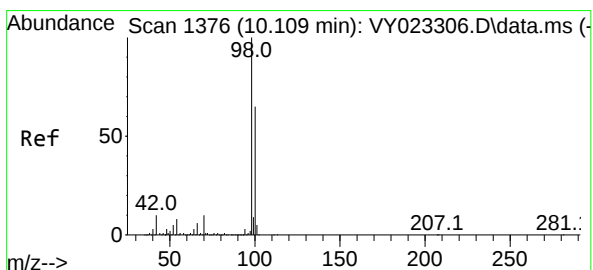
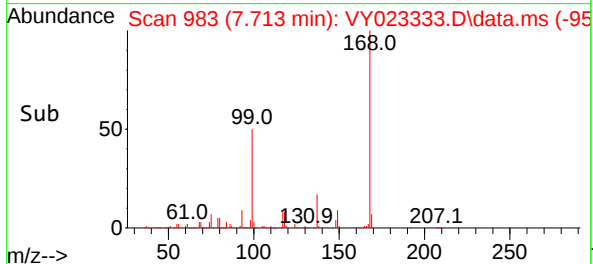
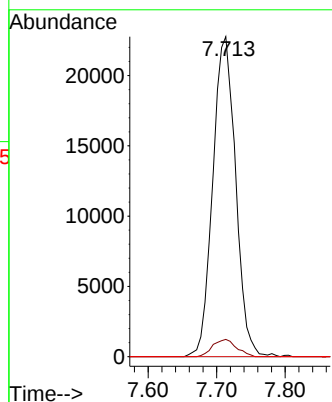
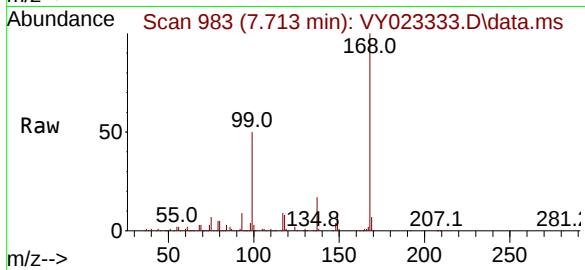
Tgt Ion:117 Resp: 52667

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

121 0.0 25.8 38.8#



#50

Toluene-d8

Concen: 52.288 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023333.D

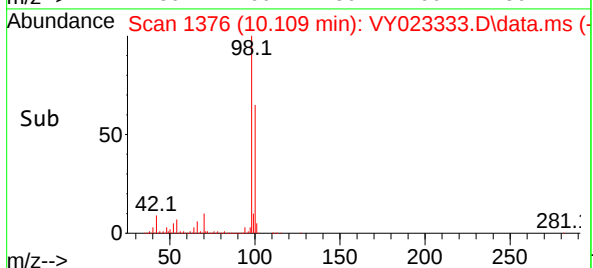
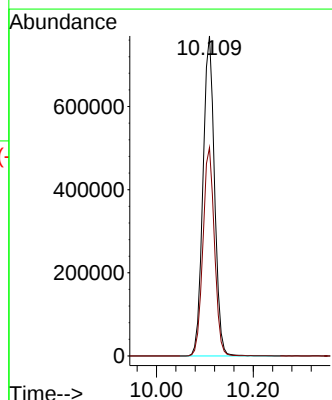
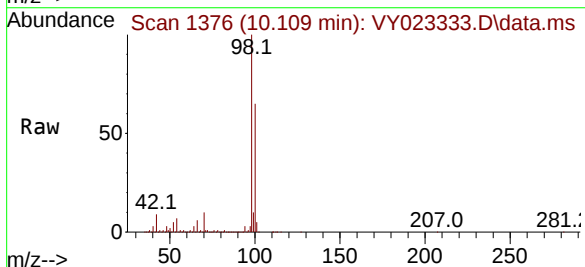
Acq: 10 Sep 2025 15:13

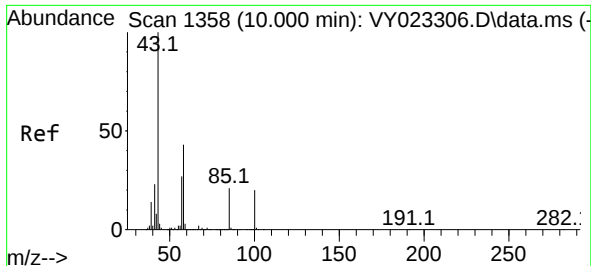
Tgt Ion: 98 Resp: 1275363

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

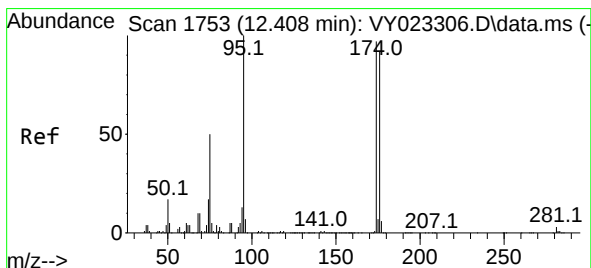
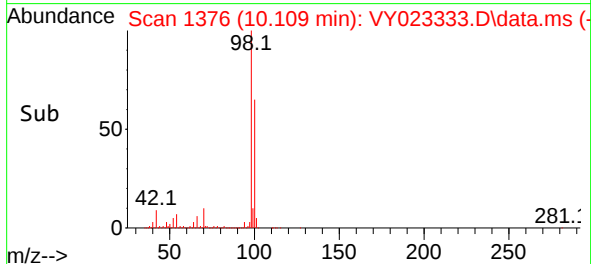
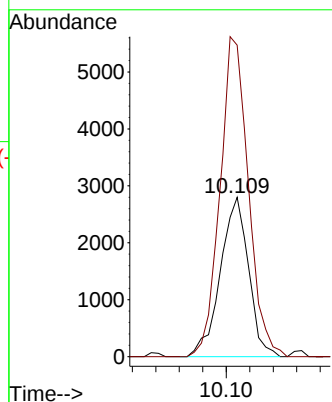
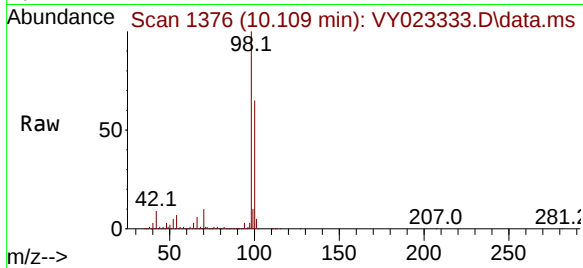




#51
4-Methyl-2-Pentanone
Concen: 1.282 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.116 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

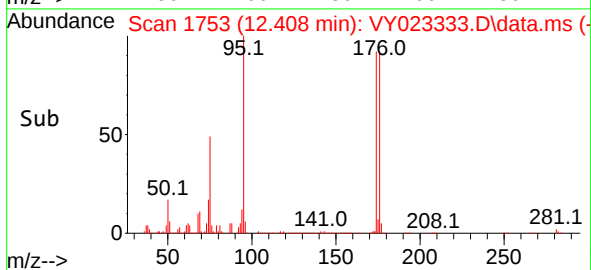
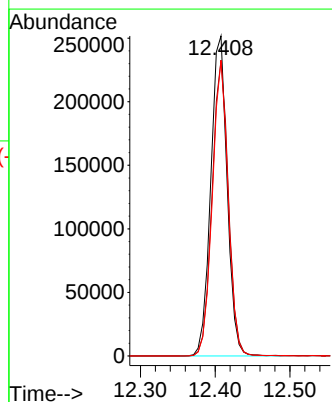
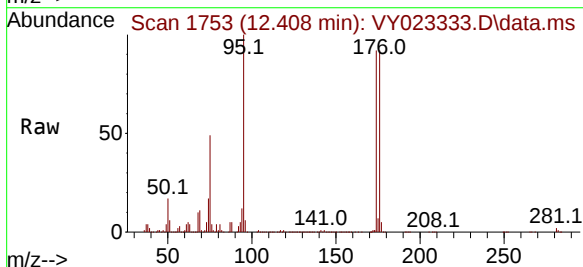
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

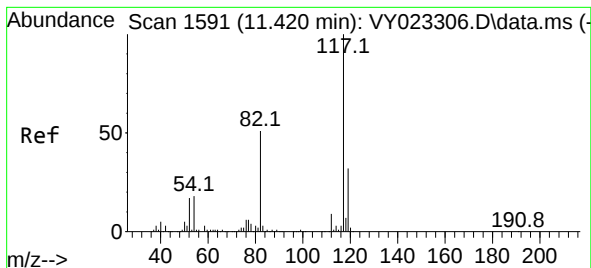
Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
58 201.6 33.5 50.3#



#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023333.D
Acq: 10 Sep 2025 15:13

Tgt Ion: 95 Resp: 384355
Ion Ratio Lower Upper
95 100
174 92.2 0.0 171.6
176 89.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

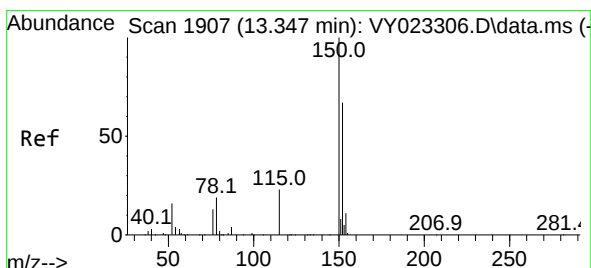
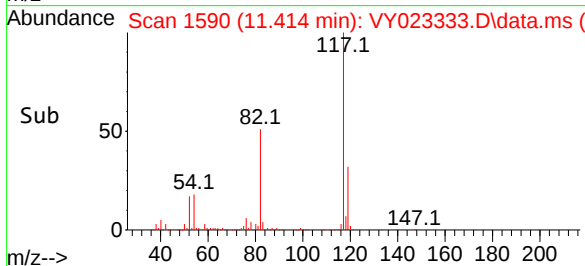
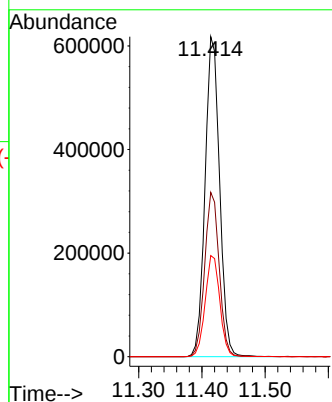
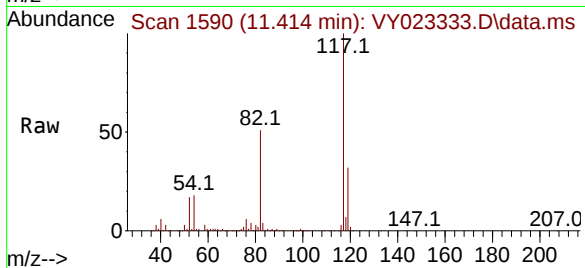
Tgt Ion:117 Resp: 988330

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 31.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

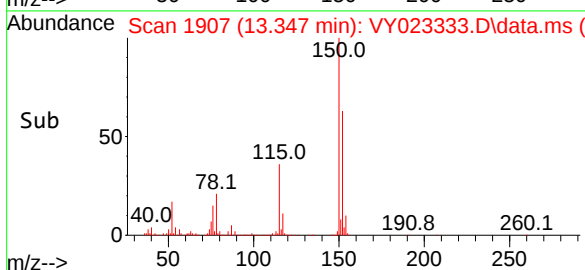
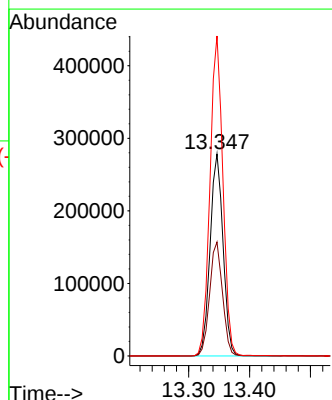
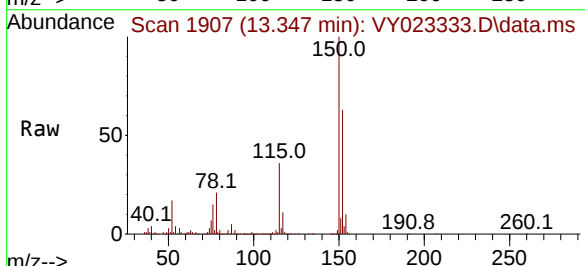
Tgt Ion:152 Resp: 411278

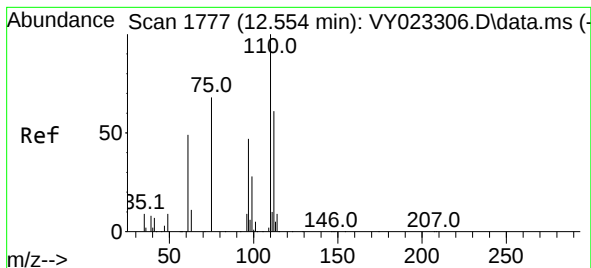
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 158.0 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 46.245 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.140 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

Instrument :

MSVOA_Y

ClientSampleId :

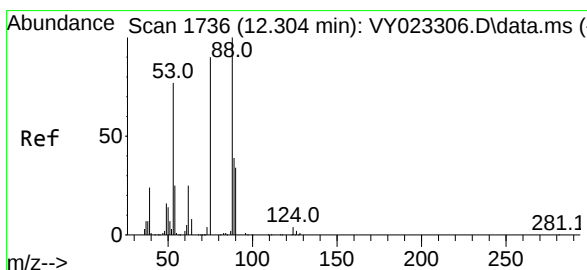
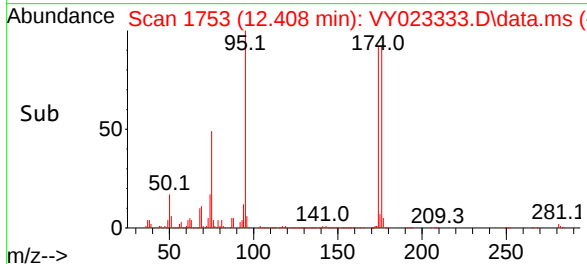
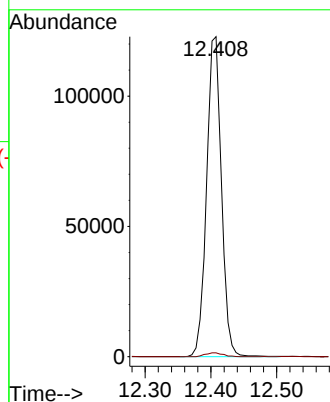
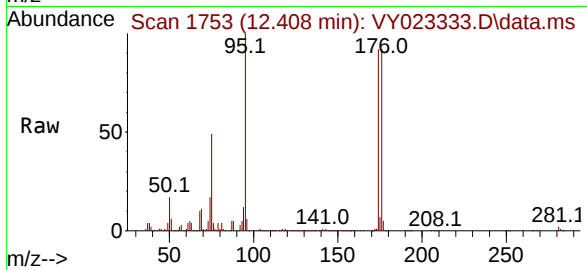
VIBLK

Tgt Ion: 75 Resp: 192607

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.113 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.110 min

Lab File: VY023333.D

Acq: 10 Sep 2025 15:13

Tgt Ion: 75 Resp: 192607

Ion Ratio Lower Upper

75 100

53 0.2 70.8 106.2#

89 0.0 38.1 57.1#

