

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021026.D
 Acq On : 03 Feb 2025 13:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 04 00:47:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

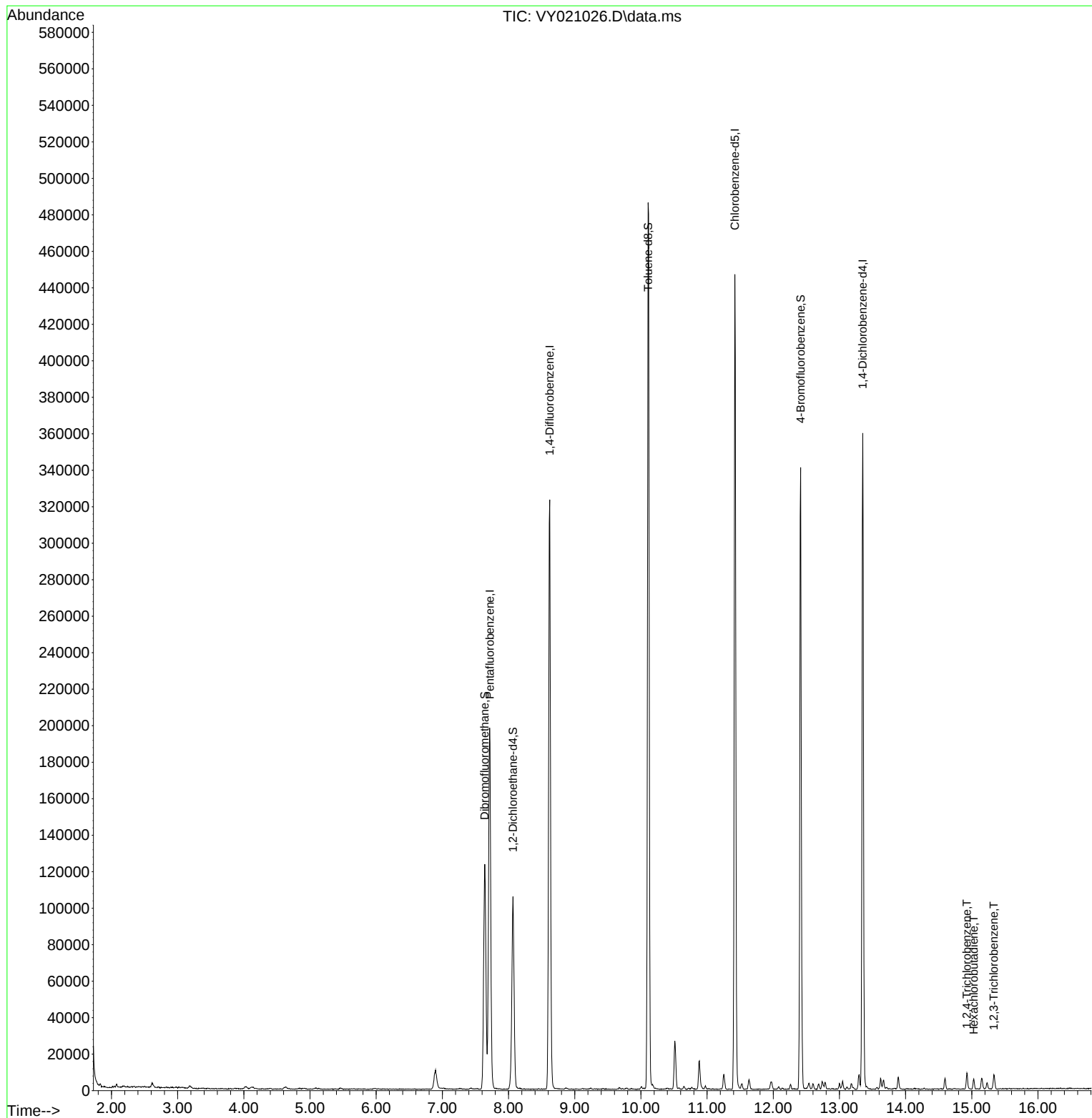
Internal Standards						
1) Pentafluorobenzene	7.720	168	154333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	274021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	234650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	89295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81084	51.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.560%	
35) Dibromofluoromethane	7.640	113	87139	49.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.240%	
50) Toluene-d8	10.109	98	326766	48.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.414	95	96547	44.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.400%	
Target Compounds						
						Qvalue
93) 1,2,4-Trichlorobenzene	14.926	180	2799	1.864	ug/l	96
94) Hexachlorobutadiene	15.029	225	1047	1.052	ug/l	94
96) 1,2,3-Trichlorobenzene	15.334	180	2848	2.279	ug/l	98

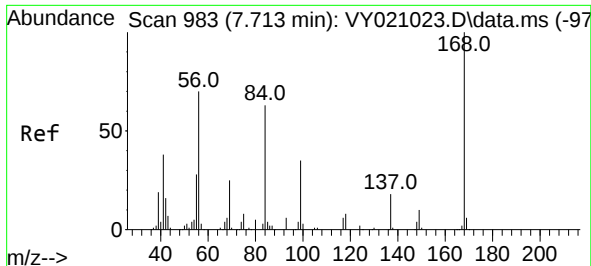
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021026.D
Acq On : 03 Feb 2025 13:11
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Feb 04 00:47:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

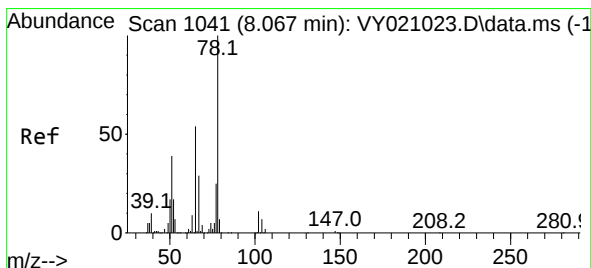
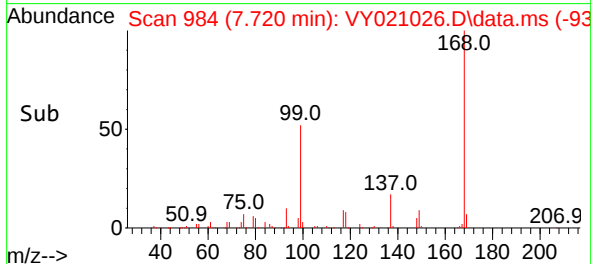
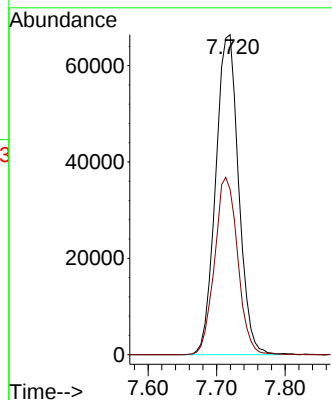
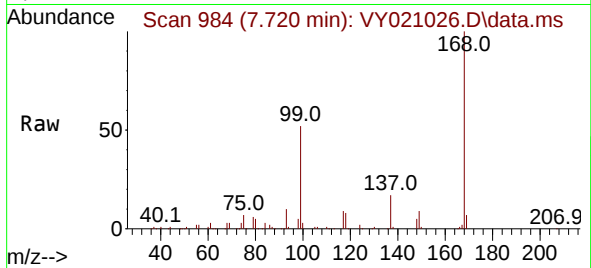




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.007 min
Lab File: VY021026.D
Acq: 03 Feb 2025 13:11

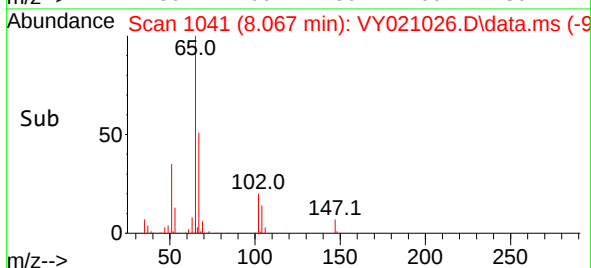
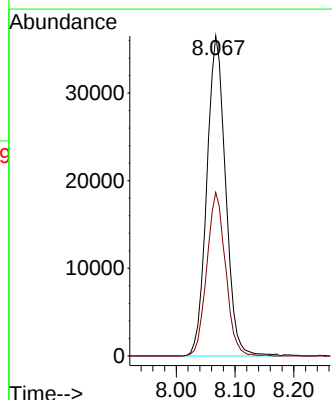
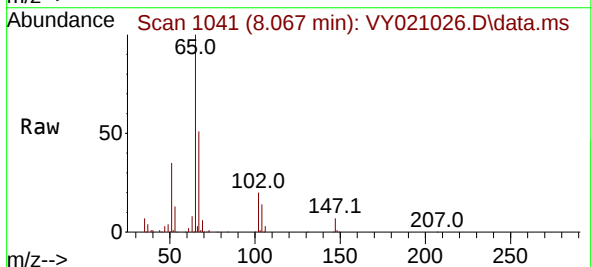
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

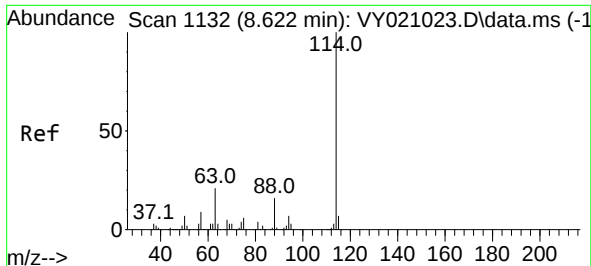
Tgt Ion:168 Resp: 154333
Ion Ratio Lower Upper
168 100
99 51.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.278 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021026.D
Acq: 03 Feb 2025 13:11

Tgt Ion: 65 Resp: 81084
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

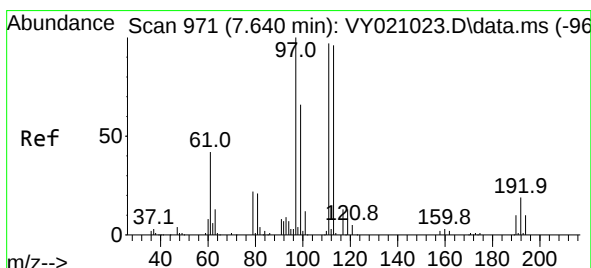
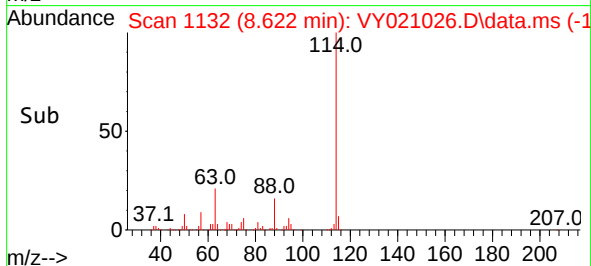
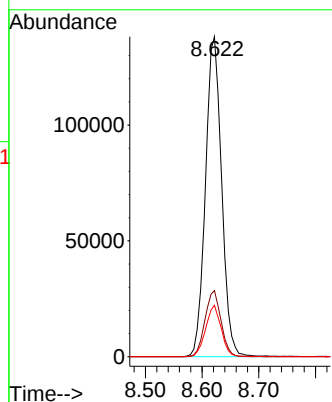
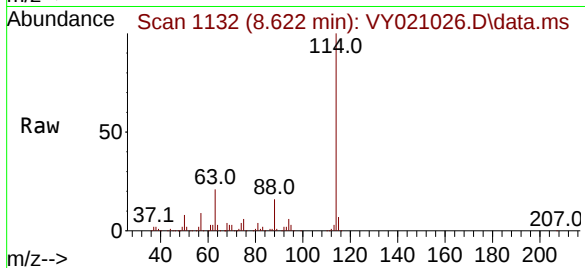
Tgt Ion:114 Resp: 274021

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.620 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

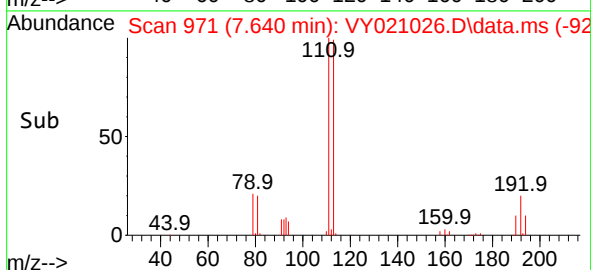
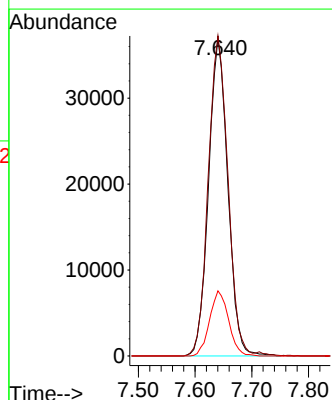
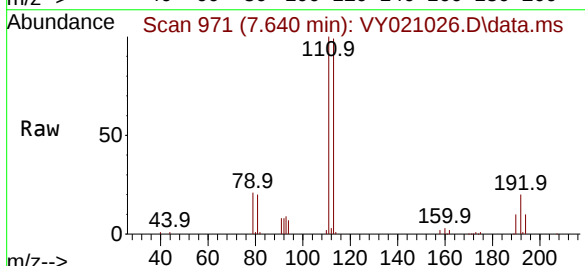
Tgt Ion:113 Resp: 87139

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 20.2 14.5 21.7

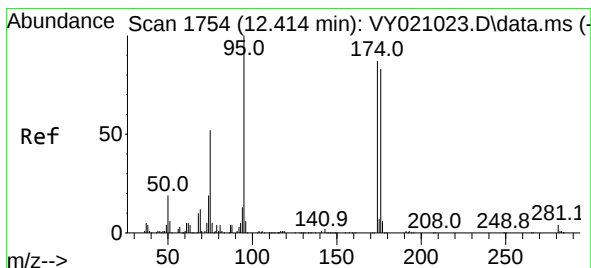
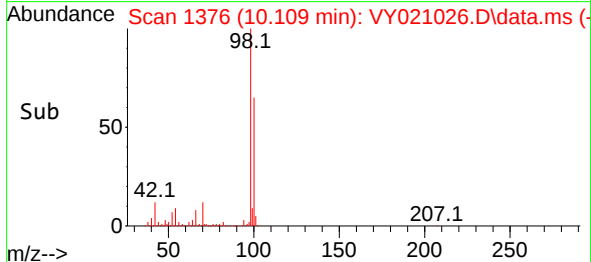
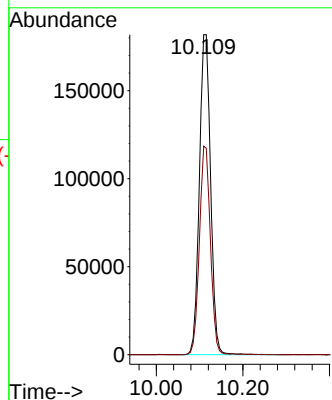
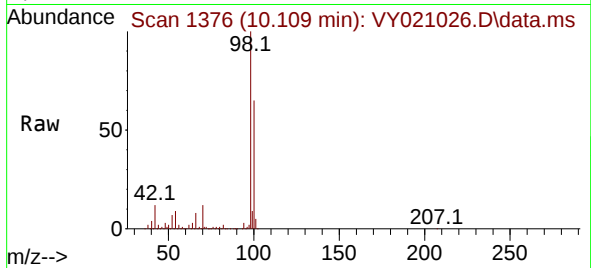




#50
Toluene-d8
Concen: 48.876 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021026.D
Acq: 03 Feb 2025 13:11

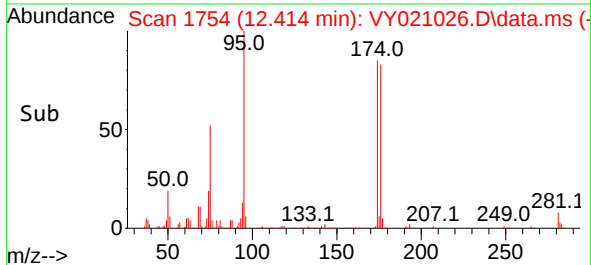
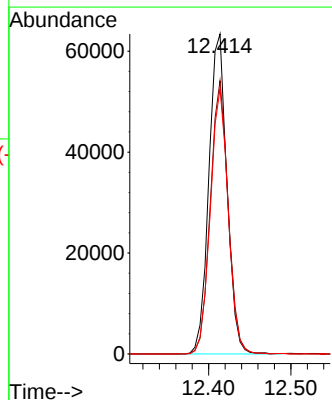
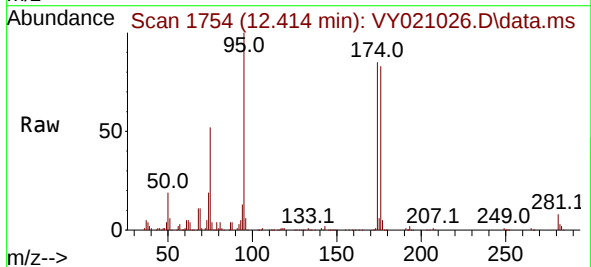
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

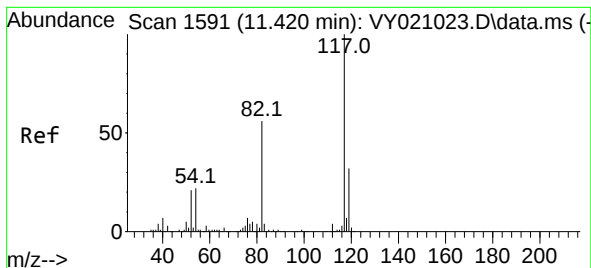
Tgt Ion: 98 Resp: 326766
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.203 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021026.D
Acq: 03 Feb 2025 13:11

Tgt Ion: 95 Resp: 96547
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

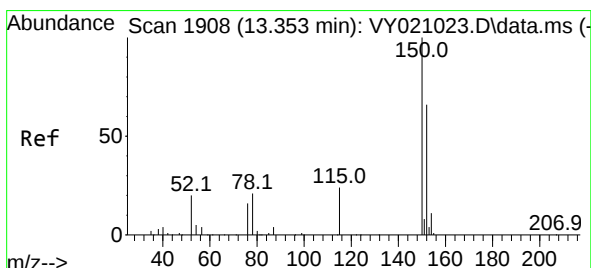
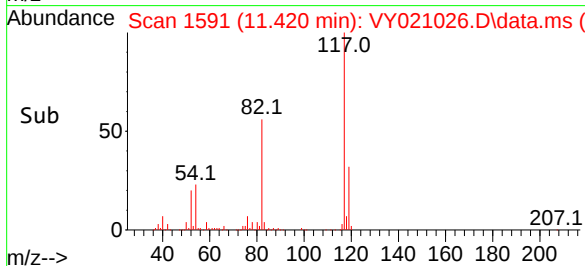
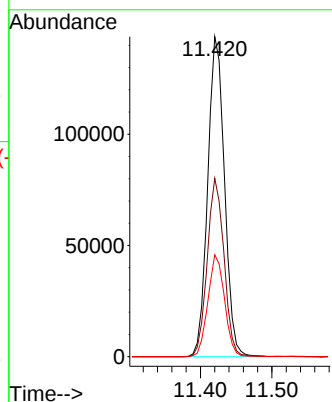
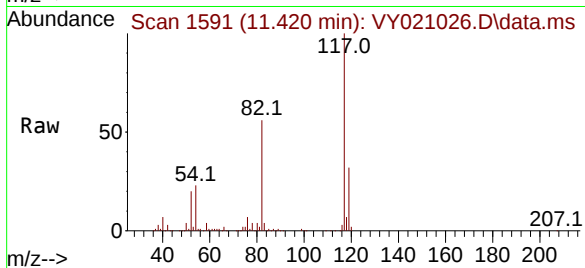
Tgt Ion:117 Resp: 234650

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

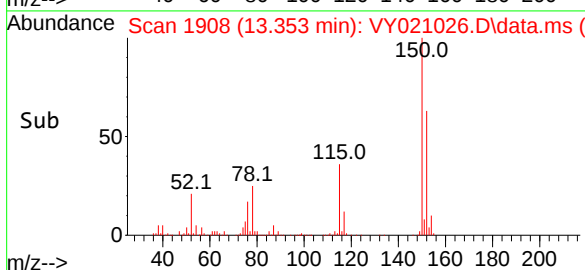
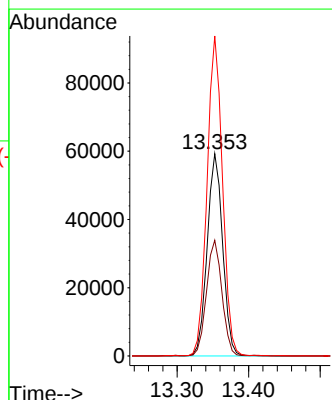
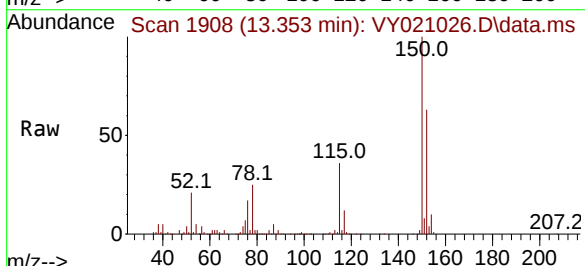
Tgt Ion:152 Resp: 89295

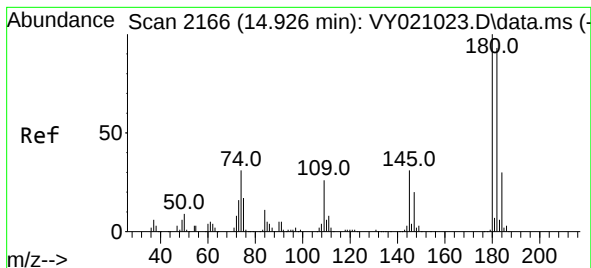
Ion Ratio Lower Upper

152 100

115 57.1 30.0 90.0

150 157.4 0.0 344.6





#93

1,2,4-Trichlorobenzene

Concen: 1.864 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

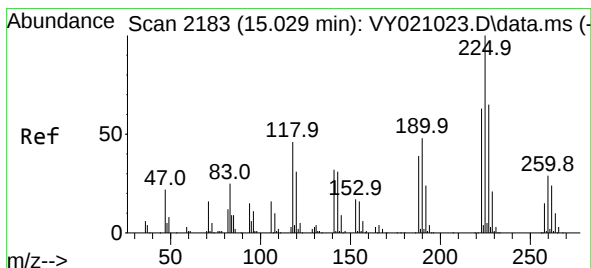
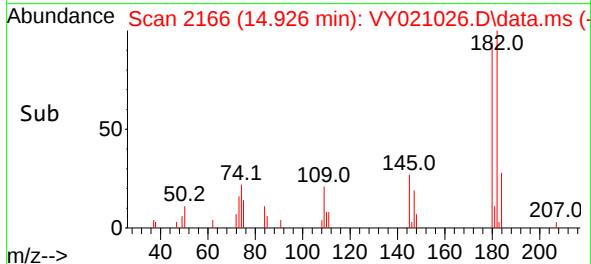
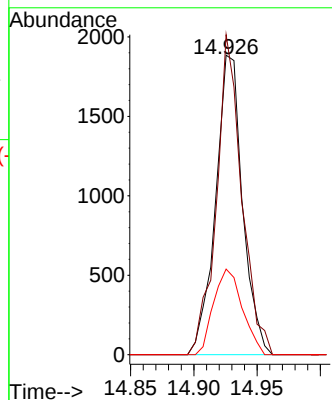
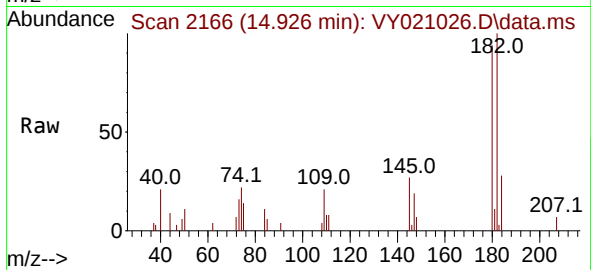
Tgt Ion:180 Resp: 2799

Ion Ratio Lower Upper

180 100

182 100.0 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.052 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021026.D

Acq: 03 Feb 2025 13:11

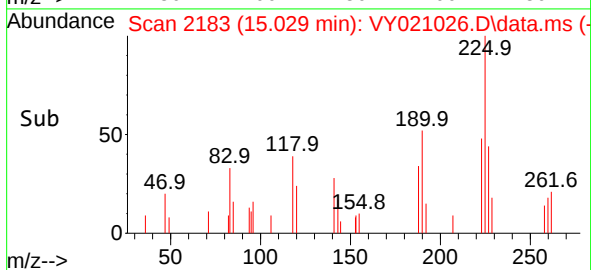
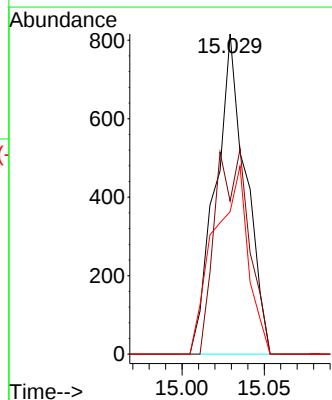
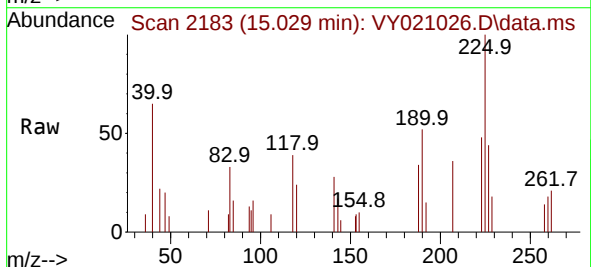
Tgt Ion:225 Resp: 1047

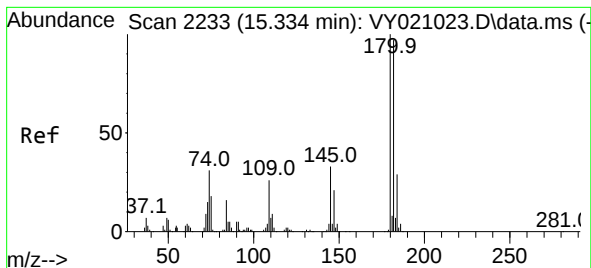
Ion Ratio Lower Upper

225 100

223 71.5 31.4 94.3

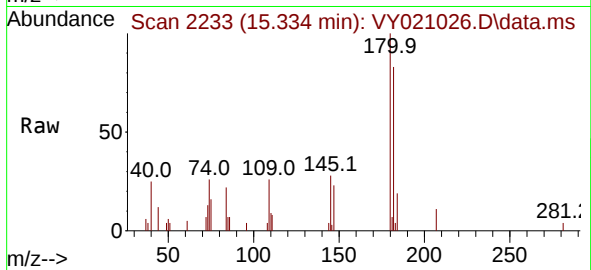
227 65.6 32.3 96.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.279 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021026.D
 Acq: 03 Feb 2025 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	2848
Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.3	138.8
145	29.4	16.1	48.2

