

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021210.D
 Acq On : 14 Feb 2025 14:38
 Operator : SY/MD
 Sample : Q1336-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:20:46 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)

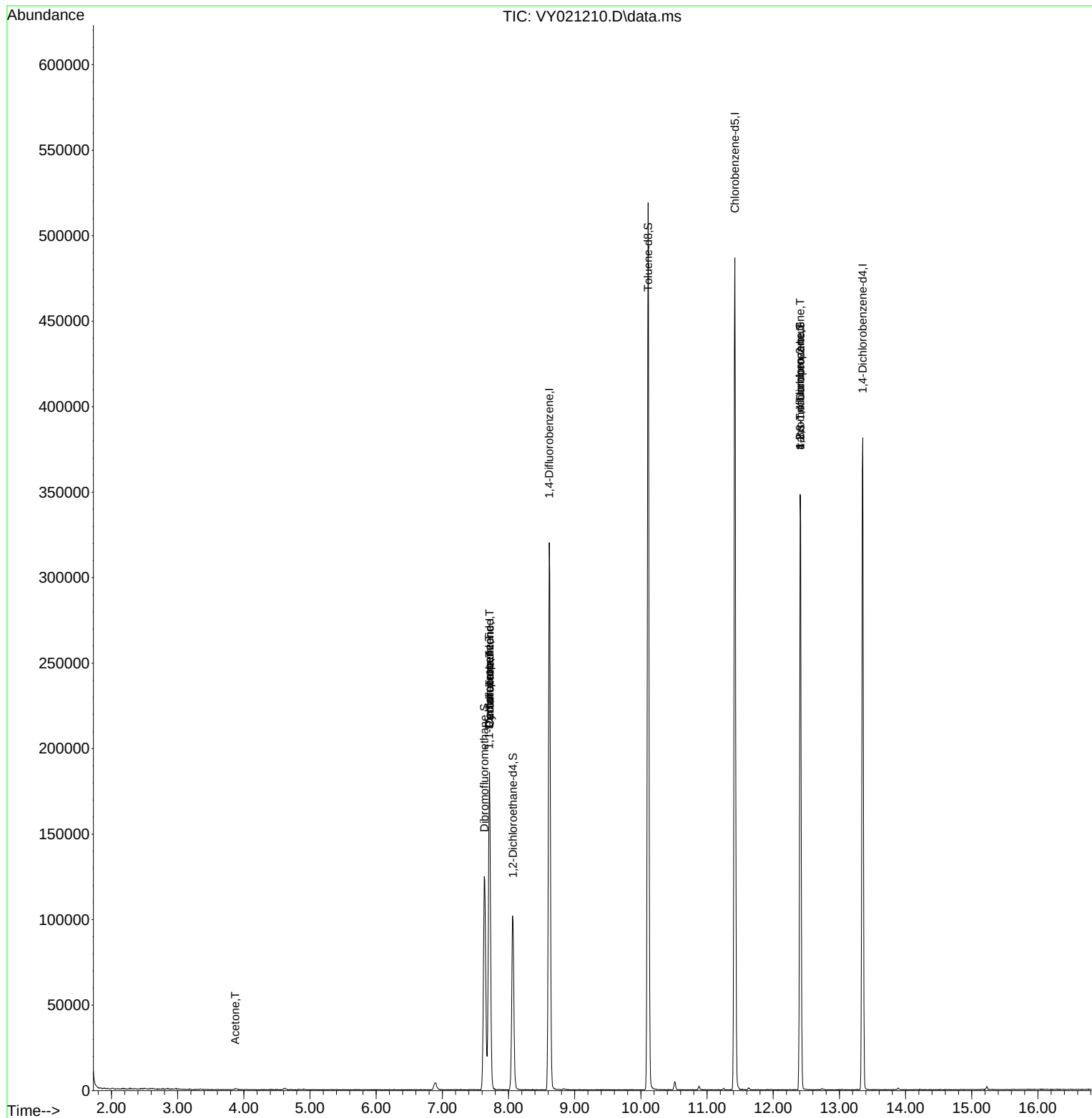
Internal Standards						
1) Pentafluorobenzene	7.713	168	136771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	244004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81282	58.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.000%	
35) Dibromofluoromethane	7.634	113	86815	51.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.109	98	323834	50.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.408	95	99397	47.300	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	1234	5.647	ug/l	93
31) Cyclohexane	7.713	56	3038	1.271	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	11269	4.503	ug/l #	51
38) Carbon Tetrachloride	7.713	117	14333	4.902	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	56749	66.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	56749	135.318	ug/l #	12

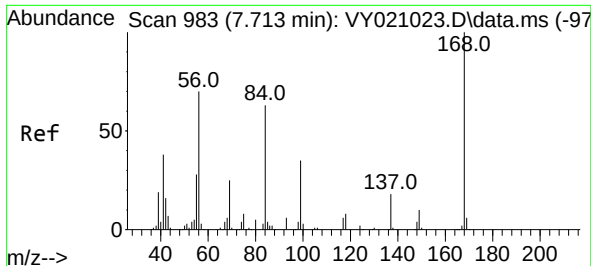
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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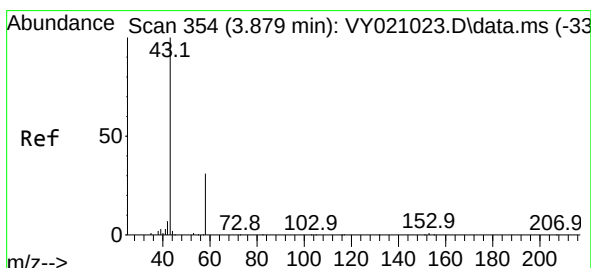
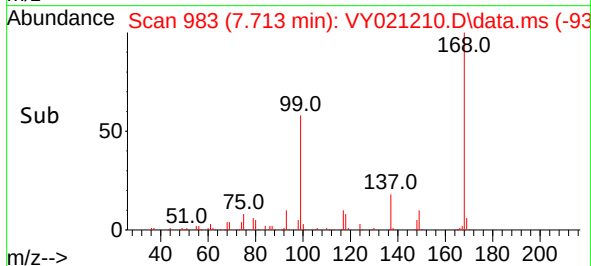
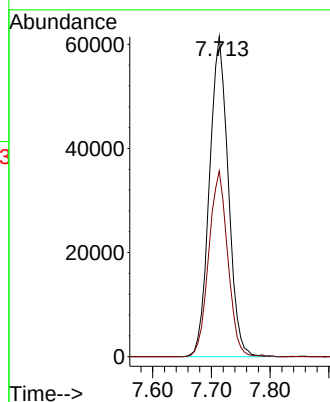
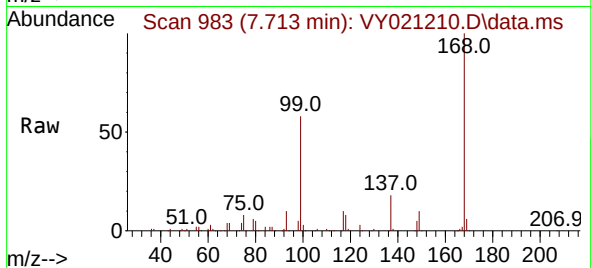




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

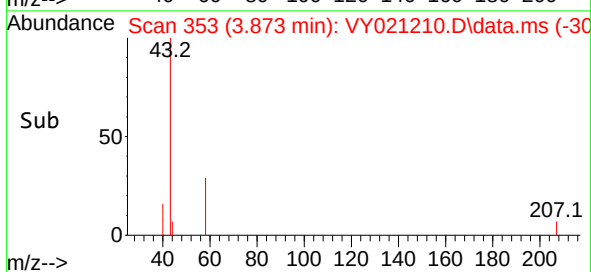
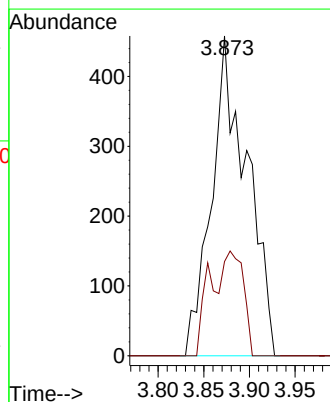
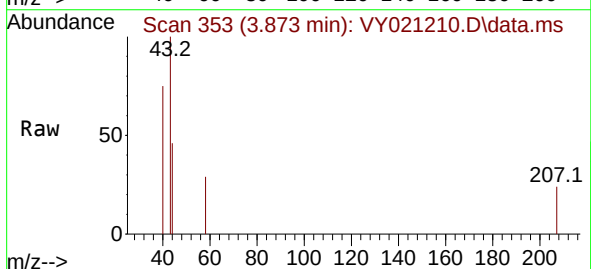
Instrument :
MSVOA_Y
ClientSampleId :

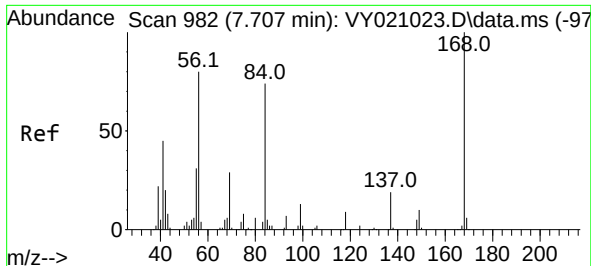
Tgt Ion:168 Resp: 136771
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#16
Acetone
Concen: 5.647 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

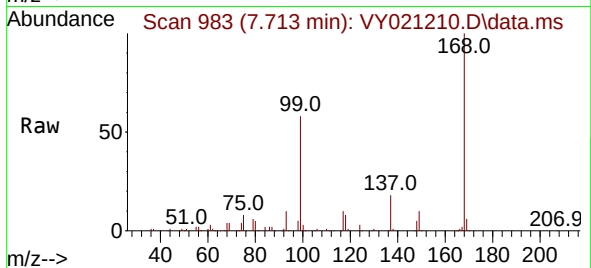
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 29.5 26.6 39.8



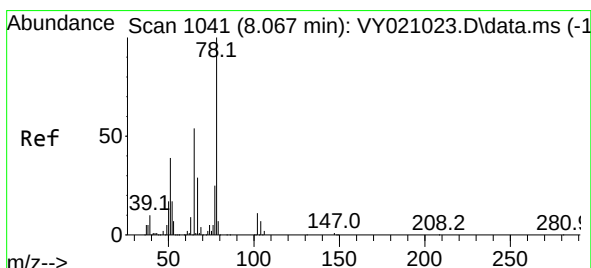
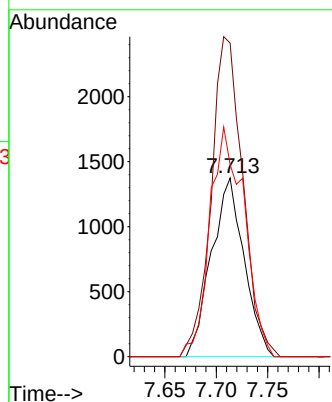
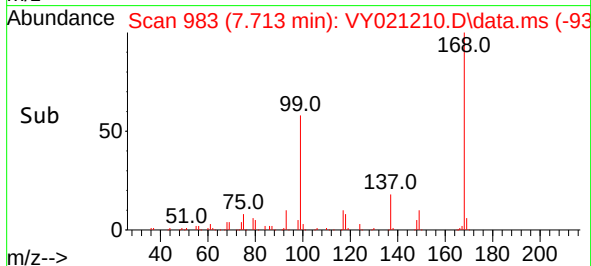


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :

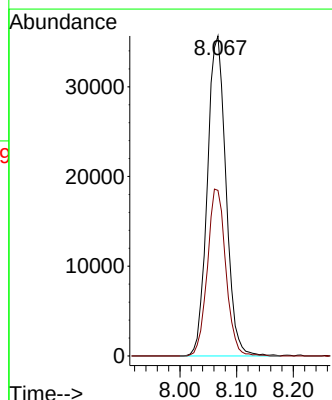
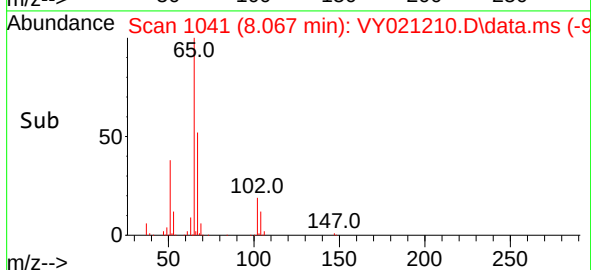
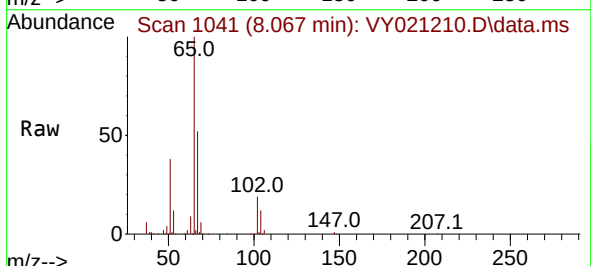


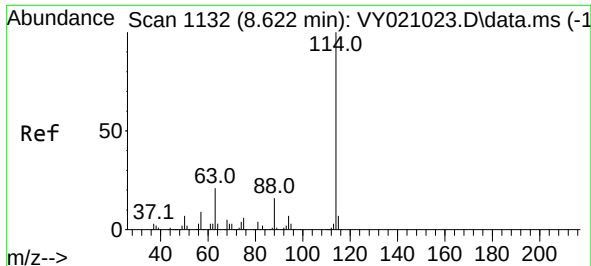
Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 175.6 27.0 40.6#
84 107.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 58.003 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

Tgt Ion: 65 Resp: 81282
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021210.D

Acq: 14 Feb 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

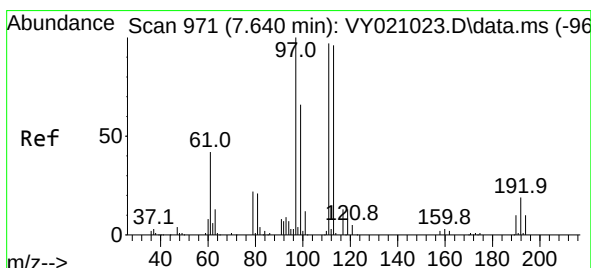
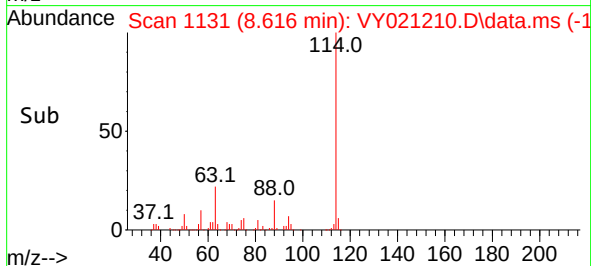
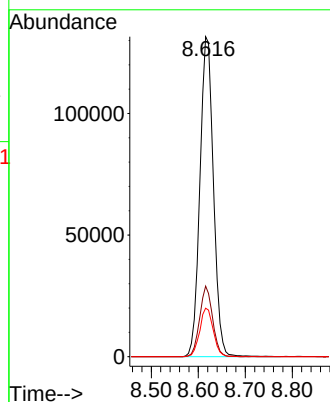
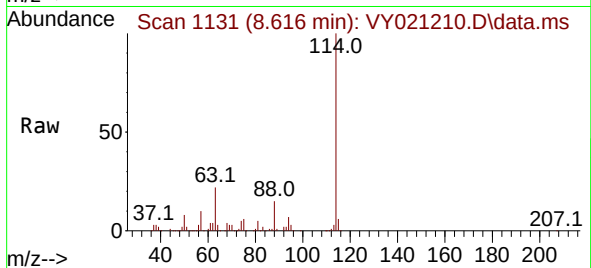
Tgt Ion:114 Resp: 263641

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.382 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021210.D

Acq: 14 Feb 2025 14:38

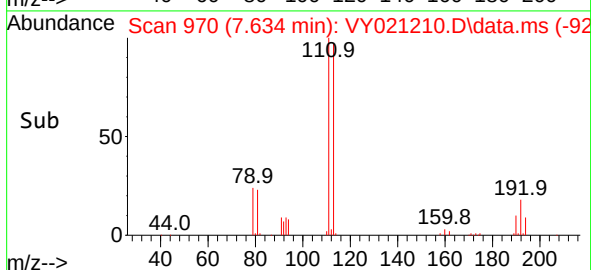
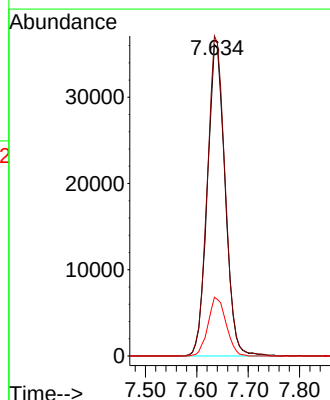
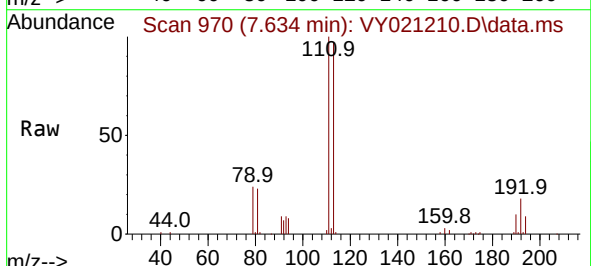
Tgt Ion:113 Resp: 86815

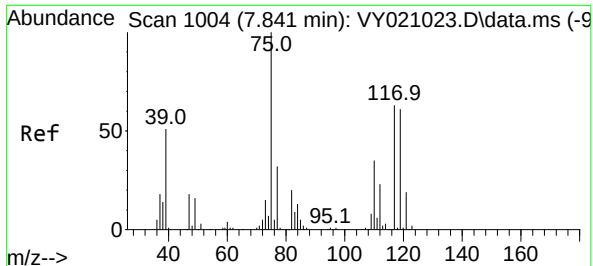
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.1 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021210.D

Acq: 14 Feb 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

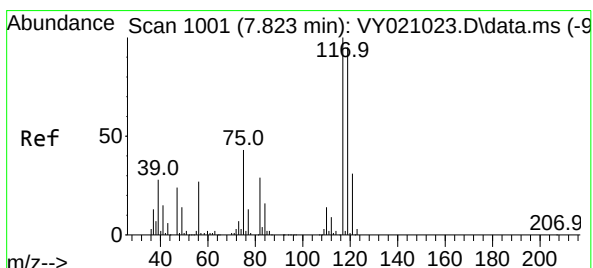
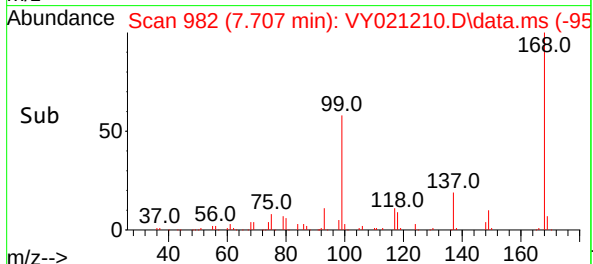
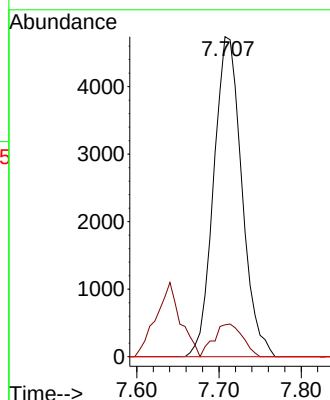
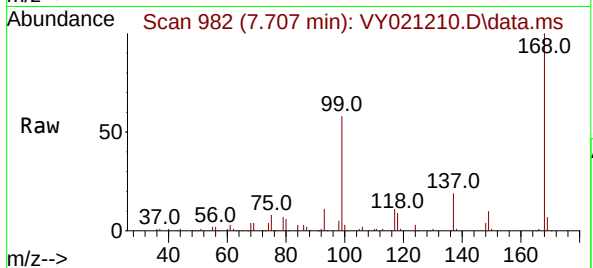
Tgt Ion: 75 Resp: 11269

Ion Ratio Lower Upper

75 100

110 10.4 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.902 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.110 min

Lab File: VY021210.D

Acq: 14 Feb 2025 14:38

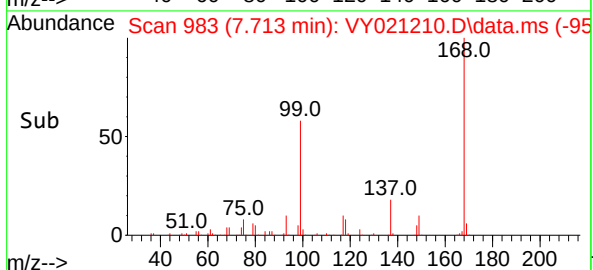
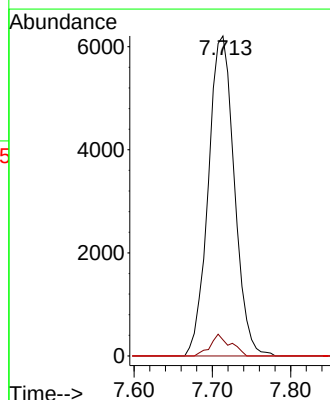
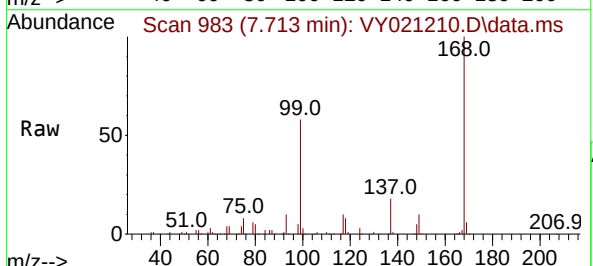
Tgt Ion: 117 Resp: 14333

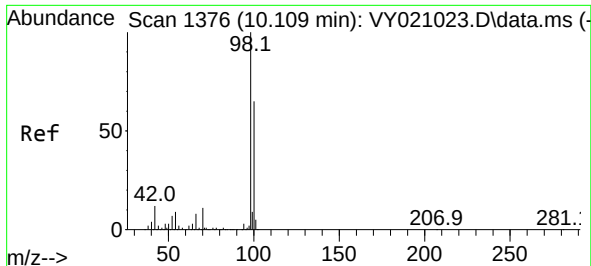
Ion Ratio Lower Upper

117 100

119 5.1 76.0 114.0#

121 0.0 24.2 36.2#

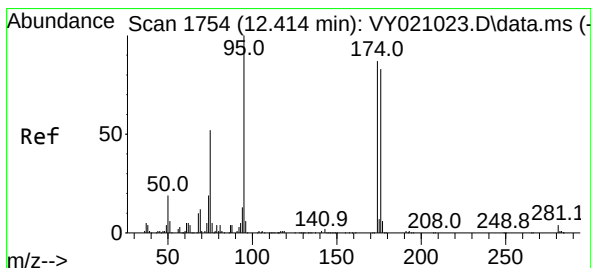
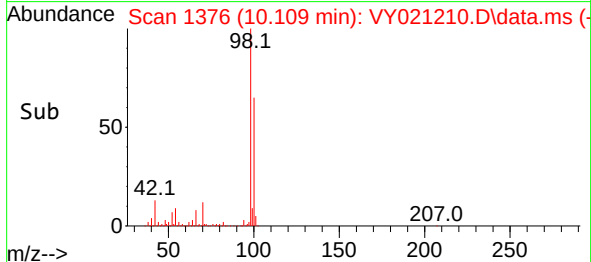
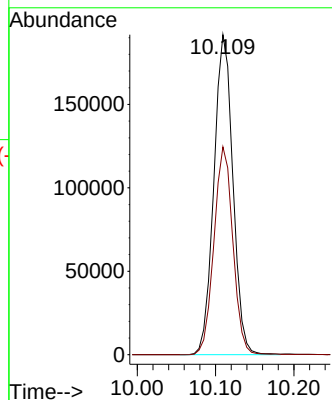
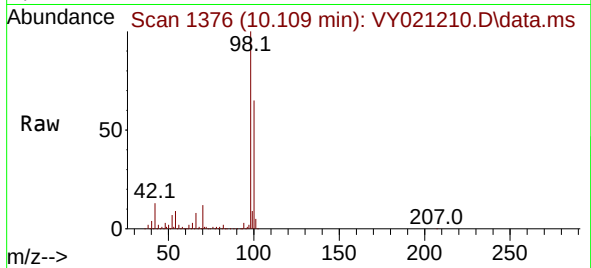




#50
Toluene-d8
Concen: 50.344 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

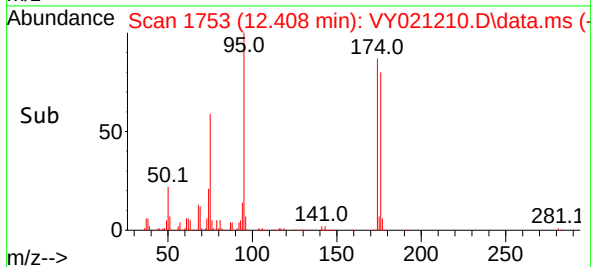
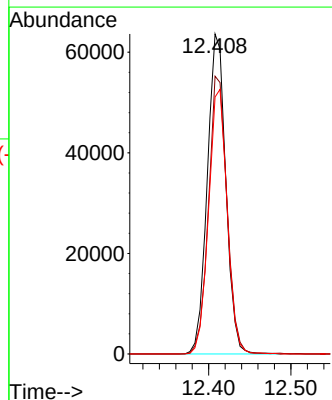
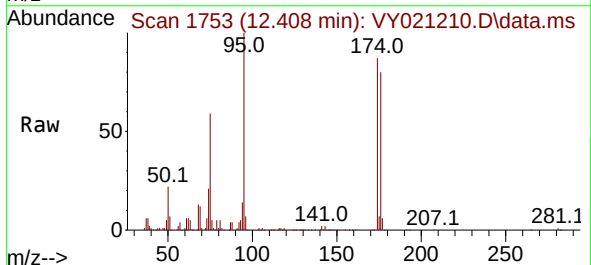
Instrument :
MSVOA_Y
ClientSampleId :

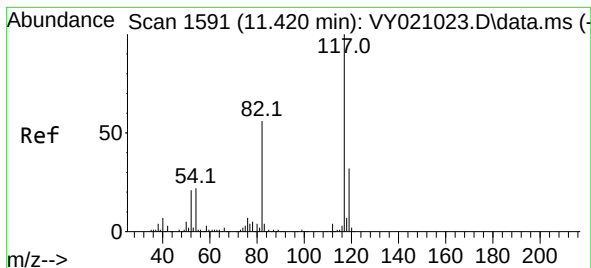
Tgt Ion: 98 Resp: 323834
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.300 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021210.D
Acq: 14 Feb 2025 14:38

Tgt Ion: 95 Resp: 99397
Ion Ratio Lower Upper
95 100
174 86.8 0.0 160.0
176 83.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021210.D

Acq: 14 Feb 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

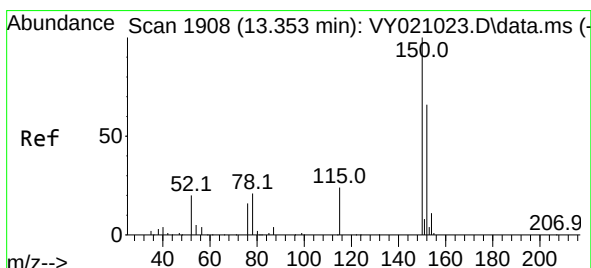
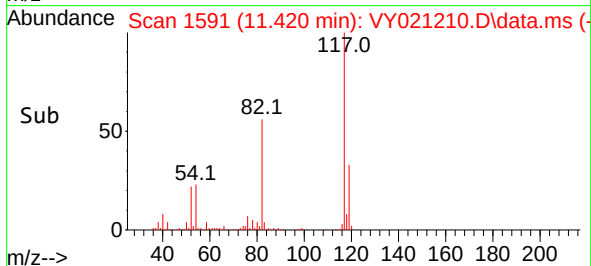
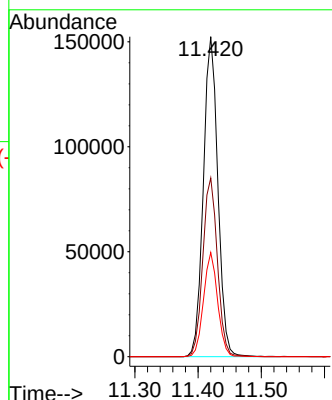
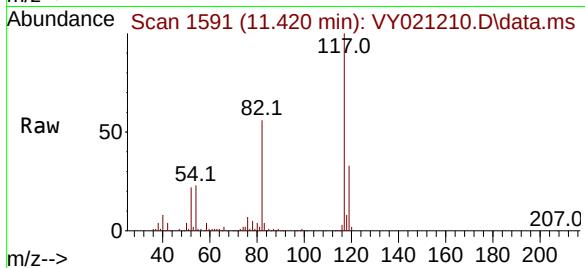
Tgt Ion:117 Resp: 244004

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.5 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: VY021210.D

Acq: 14 Feb 2025 14:38

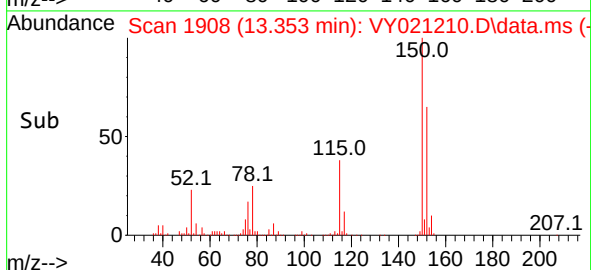
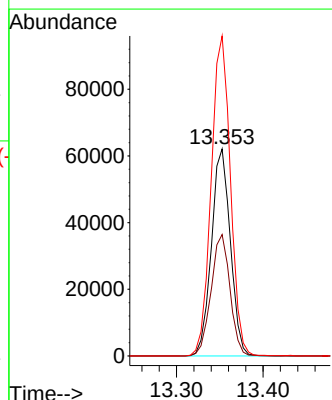
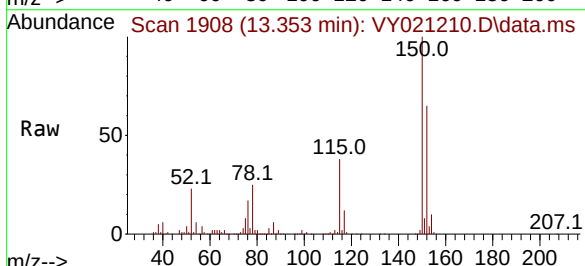
Tgt Ion:152 Resp: 94334

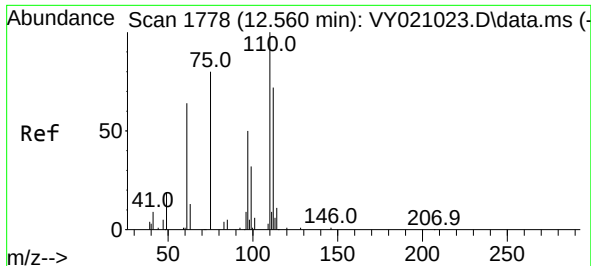
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.7 0.0 344.6

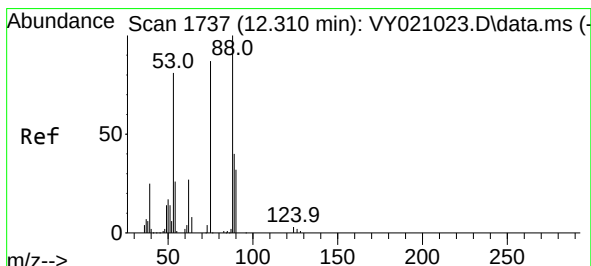
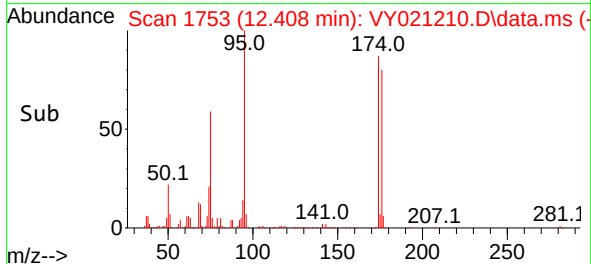
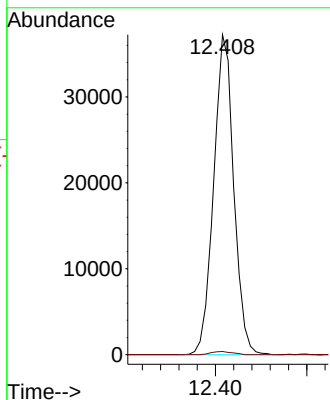
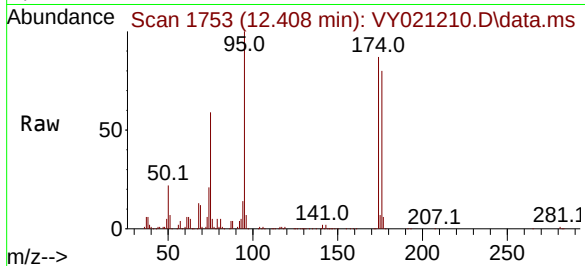




#76
 1,2,3-Trichloropropane
 Concen: 66.317 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021210.D
 Acq: 14 Feb 2025 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 56749
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.318 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.097 min
 Lab File: VY021210.D
 Acq: 14 Feb 2025 14:38

Tgt Ion: 75 Resp: 56749
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

