

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021161.D
 Acq On : 10 Feb 2025 17:56
 Operator : SY/MD
 Sample : Q1343-19
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:32:53 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)

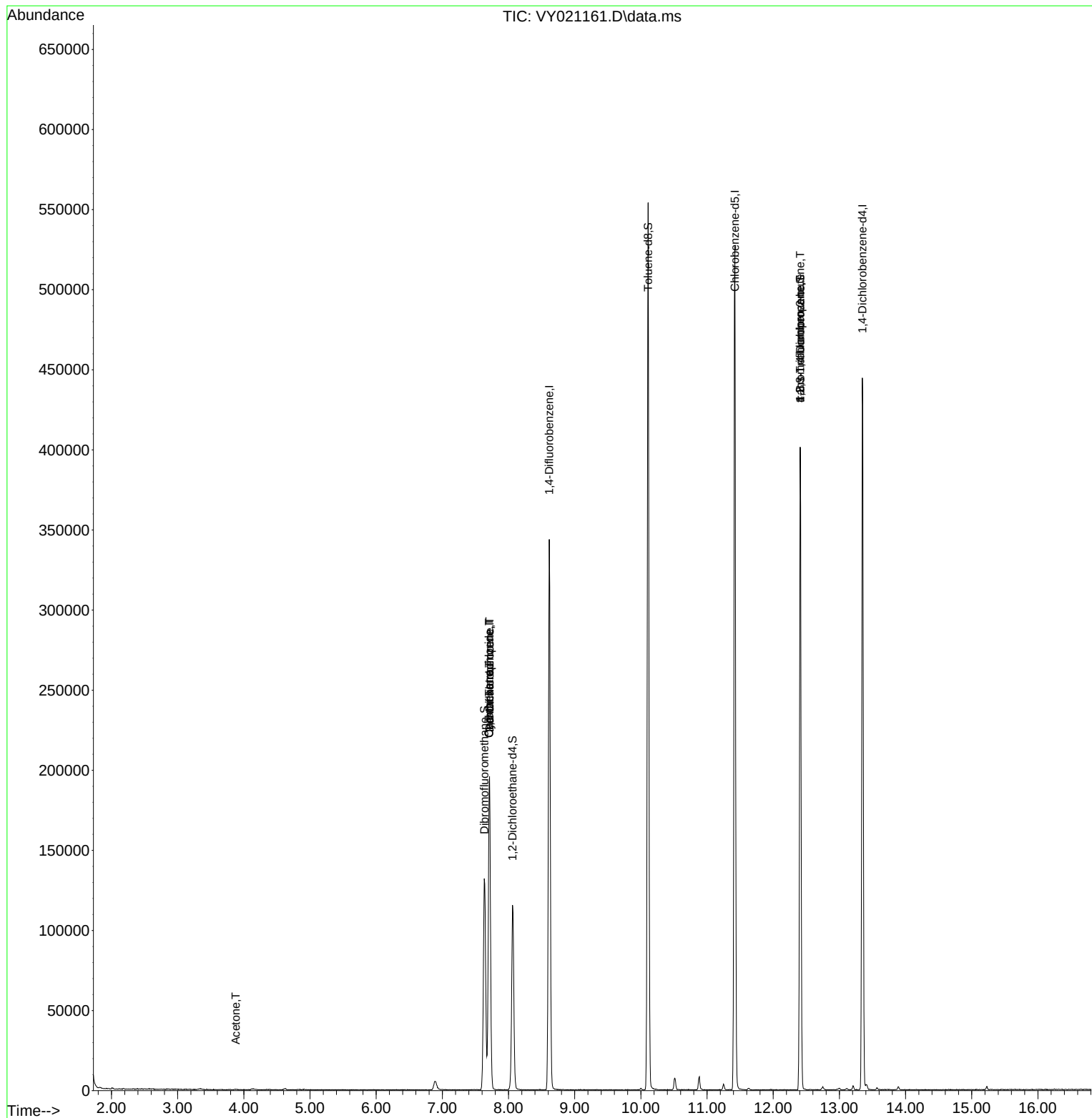
Internal Standards						
1) Pentafluorobenzene	7.713	168	147395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	279459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90987	60.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.500%	
35) Dibromofluoromethane	7.634	113	93301	52.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.109	98	344175	50.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.408	95	113750	51.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	591	2.509	ug/l #	85
31) Cyclohexane	7.707	56	3201	1.243	ug/l #	22
36) 1,1-Dichloropropene	7.713	75	11701	4.411	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15405	4.970	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	64025	63.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	64025	129.675	ug/l #	12

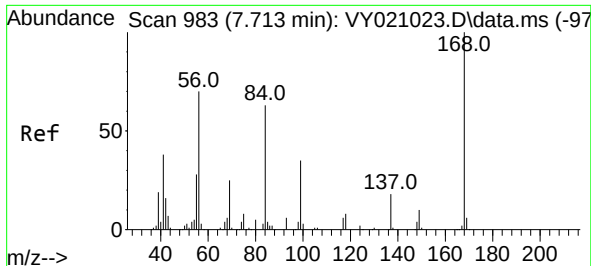
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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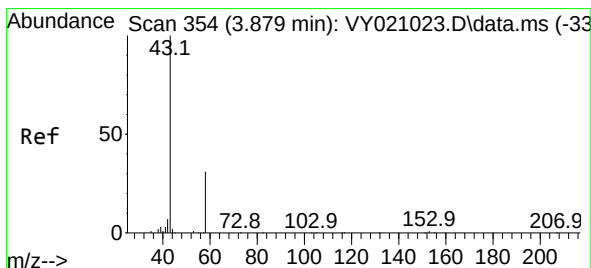
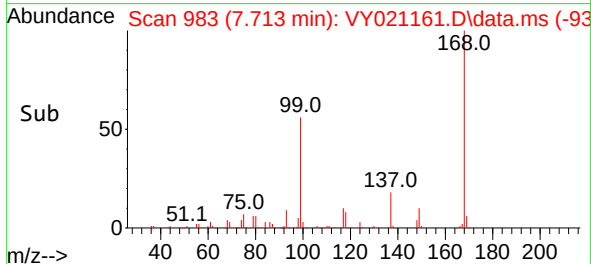
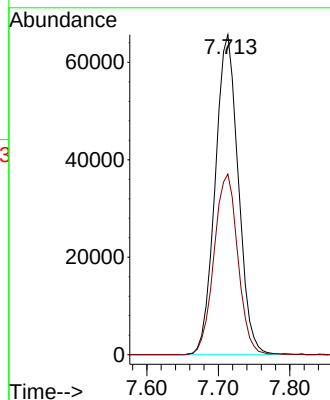
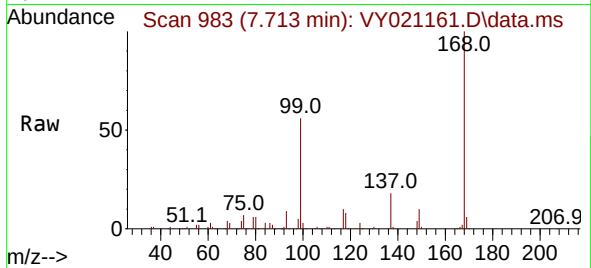




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

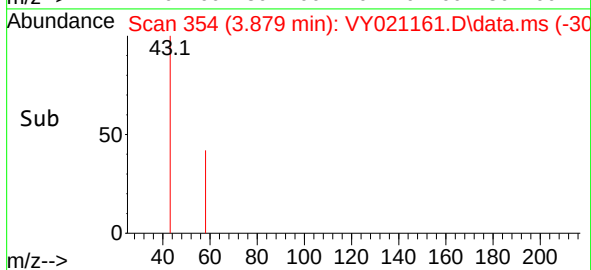
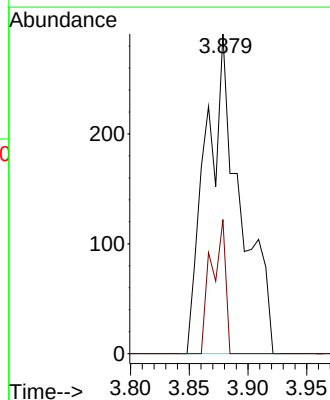
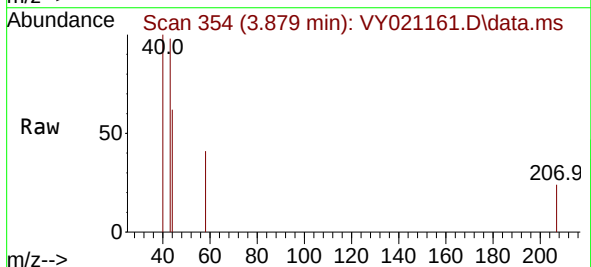
Instrument :
MSVOA_Y
ClientSampleId :

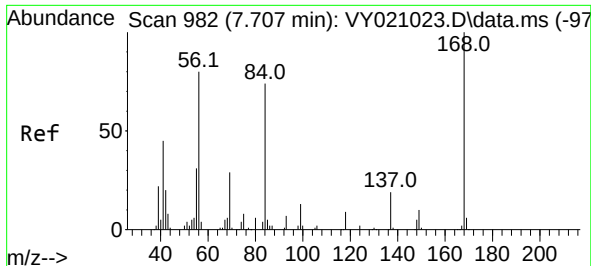
Tgt Ion:168 Resp: 147395
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: 2.509 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

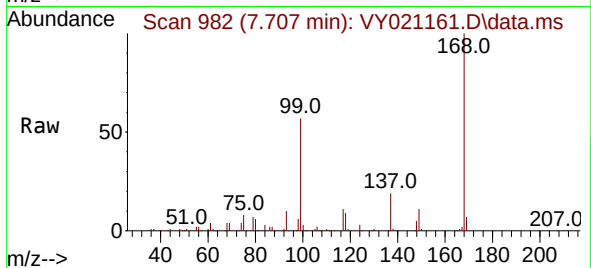
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 41.9 26.6 39.8#



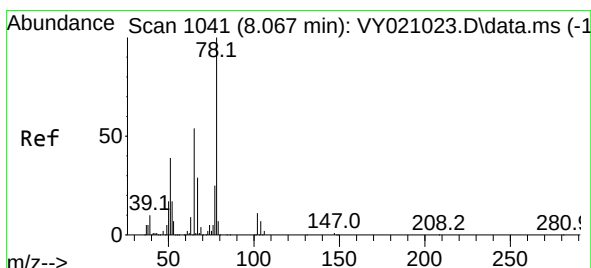
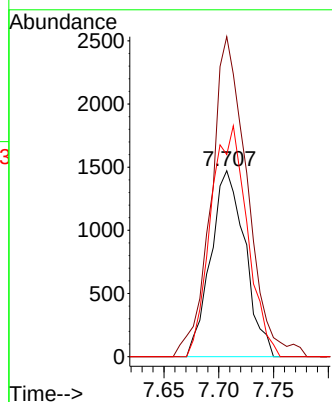
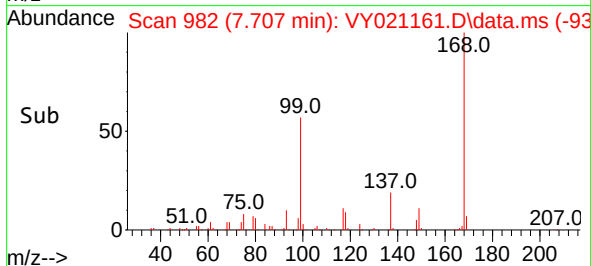


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

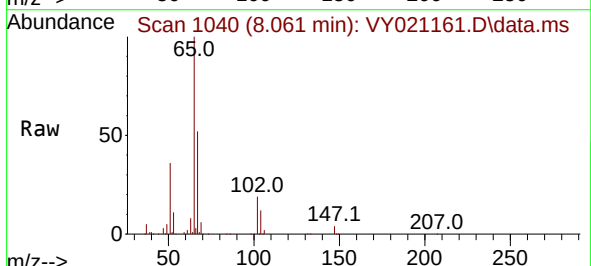
Instrument :
MSVOA_Y
ClientSampleId :



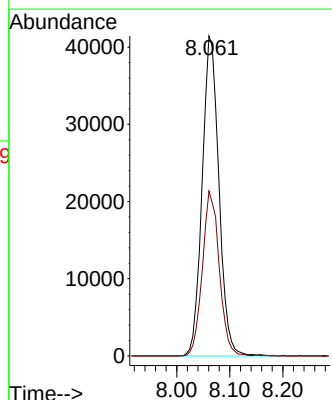
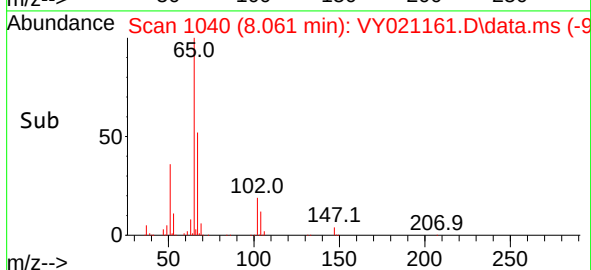
Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
69 165.8 27.0 40.6#
84 108.6 71.8 107.6#

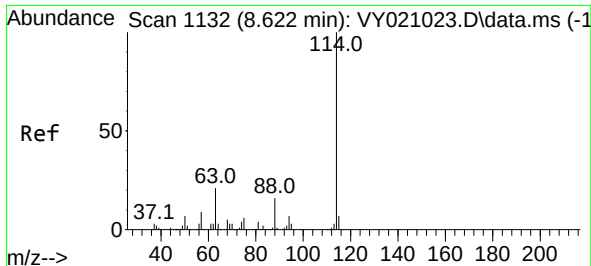


#33
1,2-Dichloroethane-d4
Concen: 60.249 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56



Tgt Ion: 65 Resp: 90987
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0

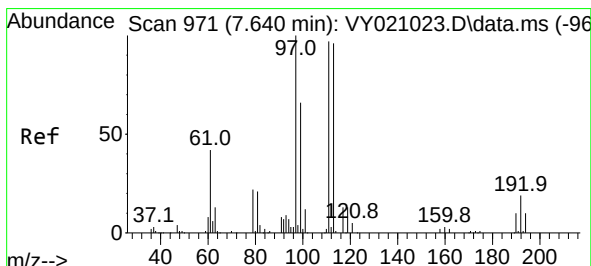
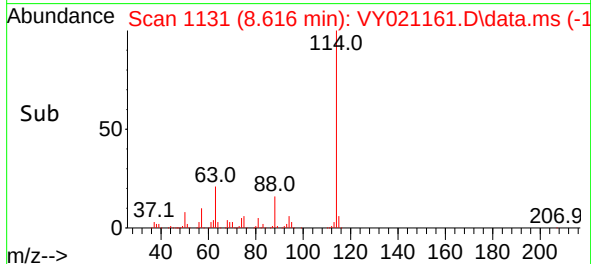
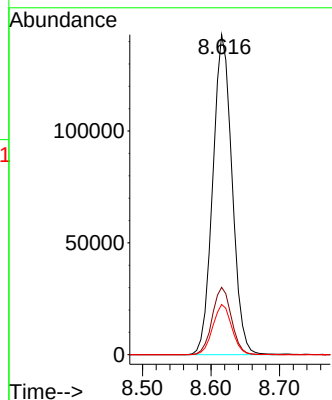
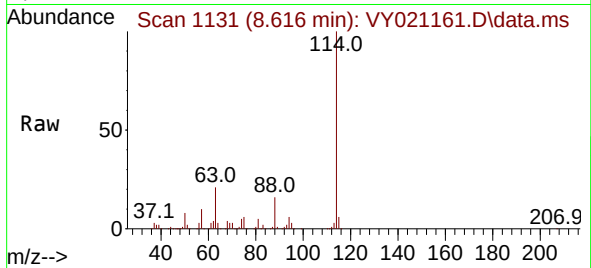




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY021161.D
 Acq: 10 Feb 2025 17:56

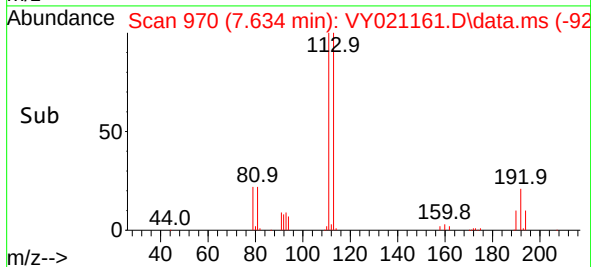
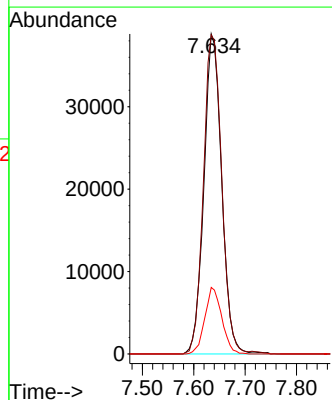
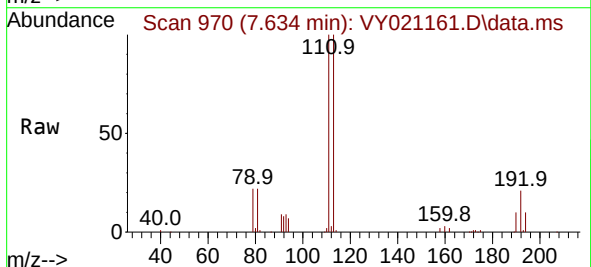
Instrument :
 MSVOA_Y
 ClientSampleId :

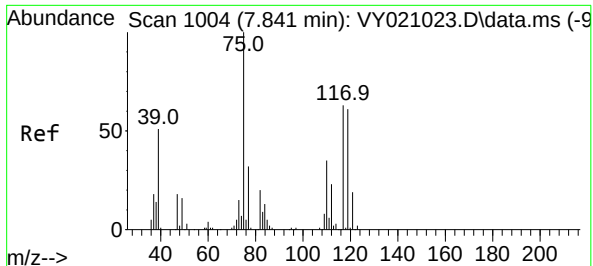
Tgt Ion:114 Resp: 279459
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.7 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 52.096 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY021161.D
 Acq: 10 Feb 2025 17:56

Tgt Ion:113 Resp: 93301
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.8 125.6
 192 19.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.411 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021161.D

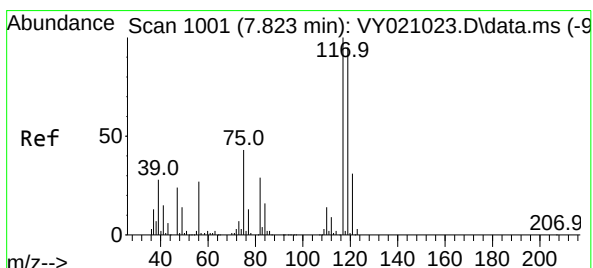
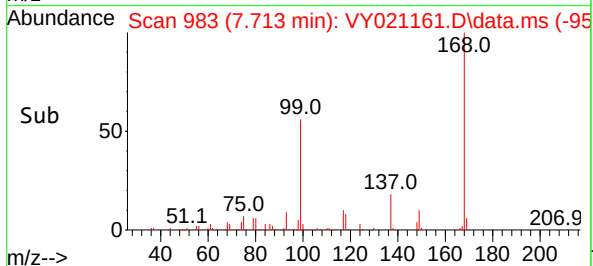
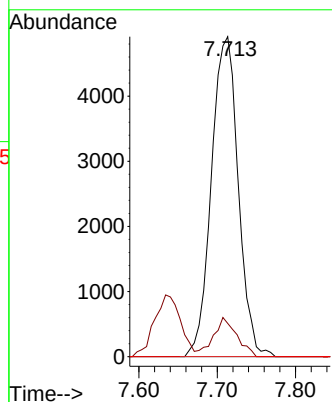
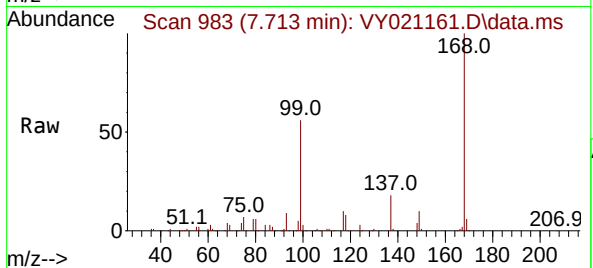
Acq: 10 Feb 2025 17:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	11701
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.970 ug/l

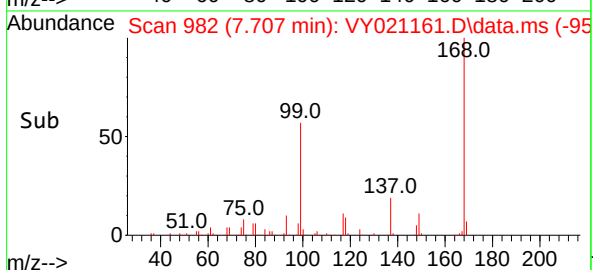
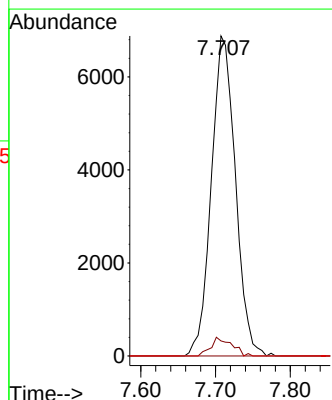
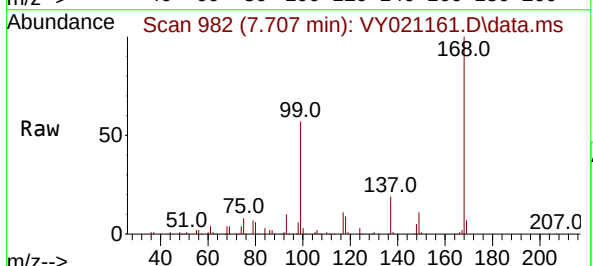
RT: 7.707 min Scan# 982

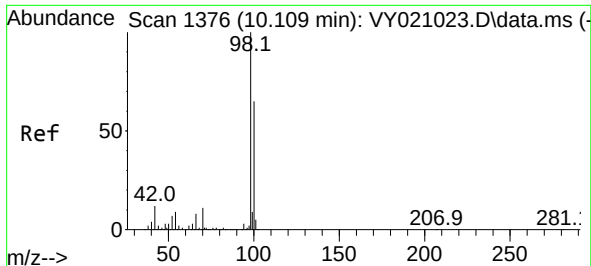
Delta R.T. -0.116 min

Lab File: VY021161.D

Acq: 10 Feb 2025 17:56

Tgt Ion:	117	Resp:	15405
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.0	114.0#
121	0.0	24.2	36.2#

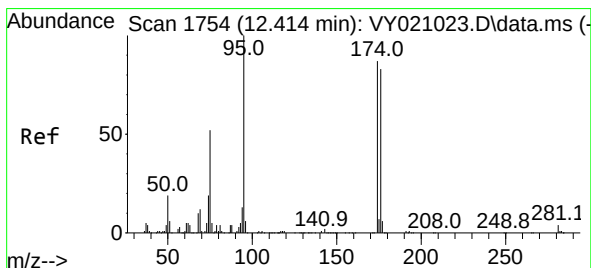
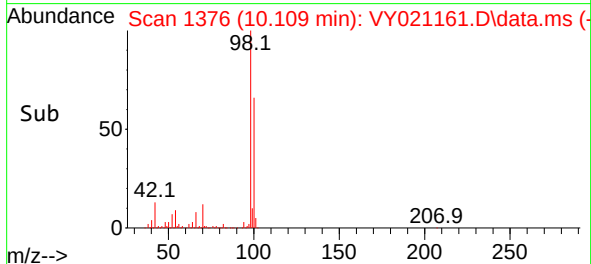
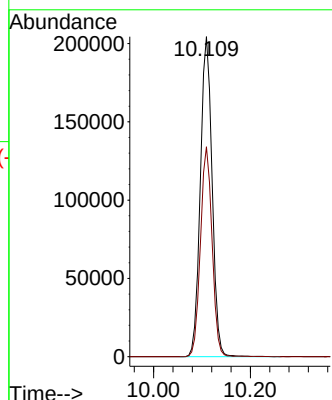
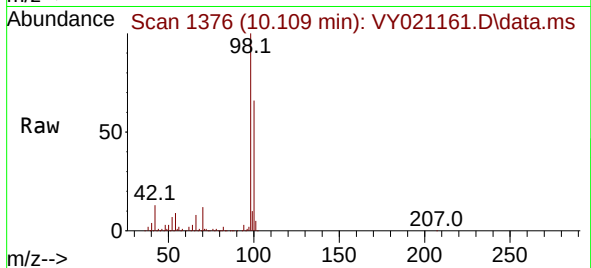




#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

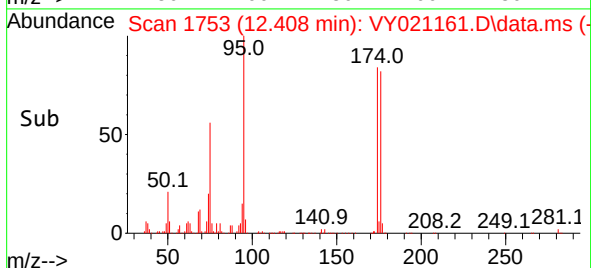
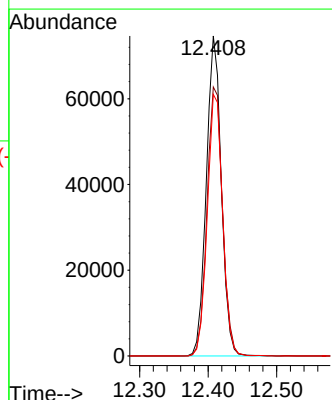
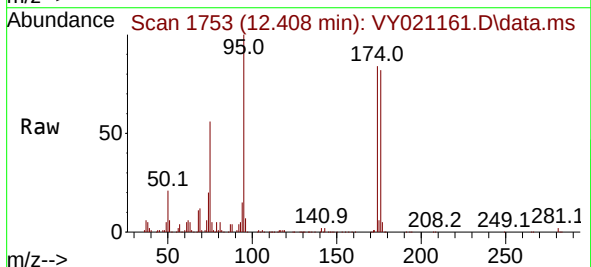
Instrument :
MSVOA_Y
ClientSampleId :

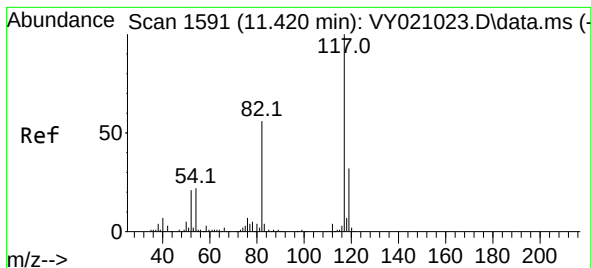
Tgt Ion: 98 Resp: 344175
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.066 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion: 95 Resp: 113750
Ion Ratio Lower Upper
95 100
174 87.4 0.0 160.0
176 83.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

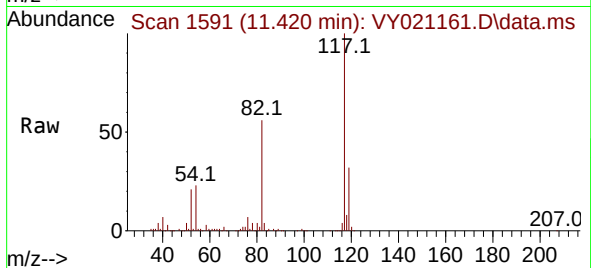
Lab File: VY021161.D

Acq: 10 Feb 2025 17:56

Instrument :

MSVOA_Y

ClientSampleId :



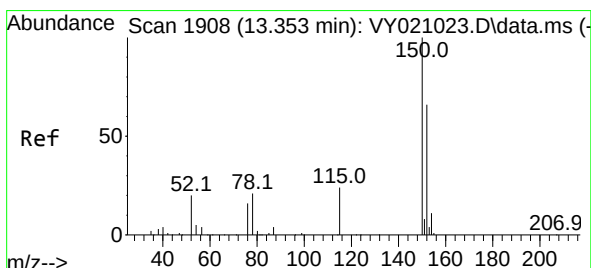
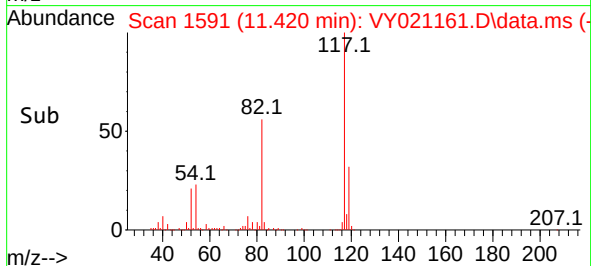
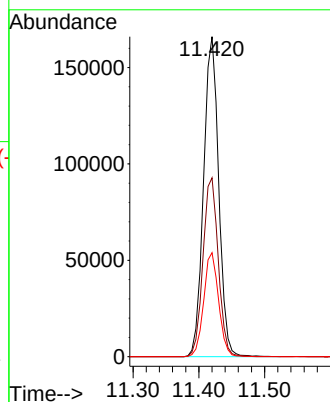
Tgt Ion:117 Resp: 265222

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: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021161.D

Acq: 10 Feb 2025 17:56

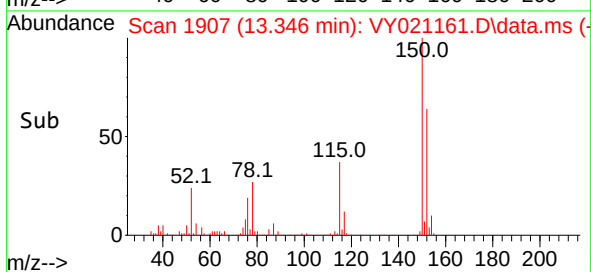
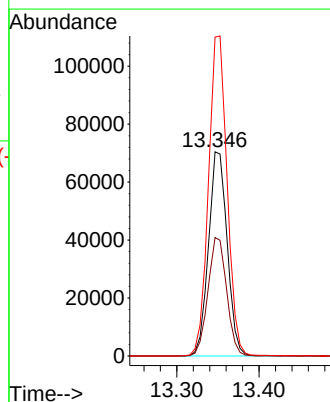
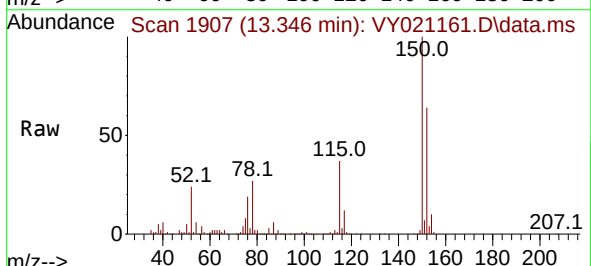
Tgt Ion:152 Resp: 111060

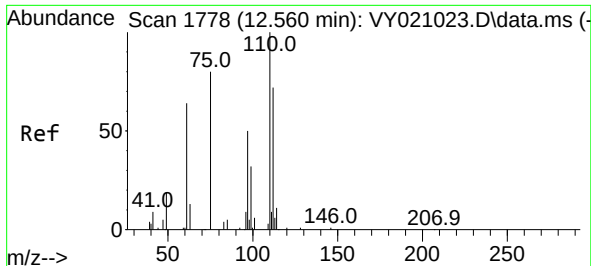
Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 156.4 0.0 344.6

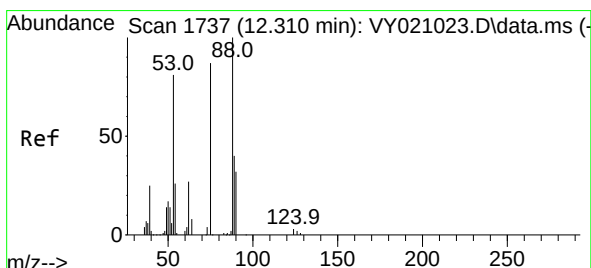
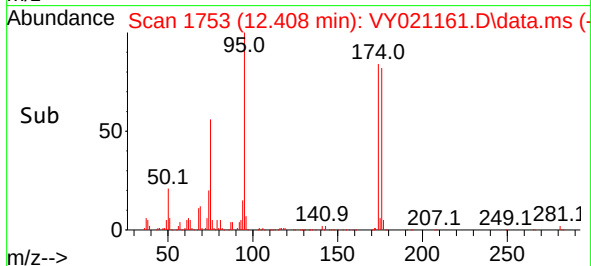
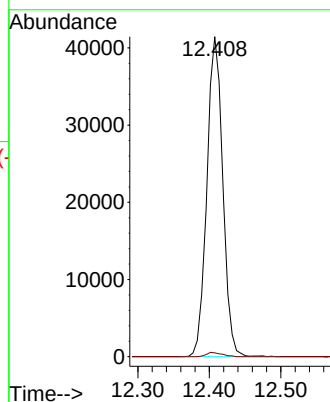
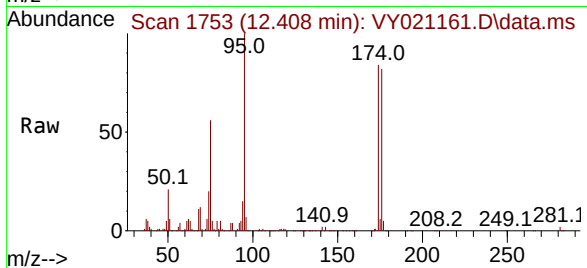




#76
1,2,3-Trichloropropane
Concen: 63.551 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64025
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.675 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion: 75 Resp: 64025
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

