

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020807.D
 Acq On : 08 Jan 2025 13:37
 Operator : SY/MD
 Sample : Q1025-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:21:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

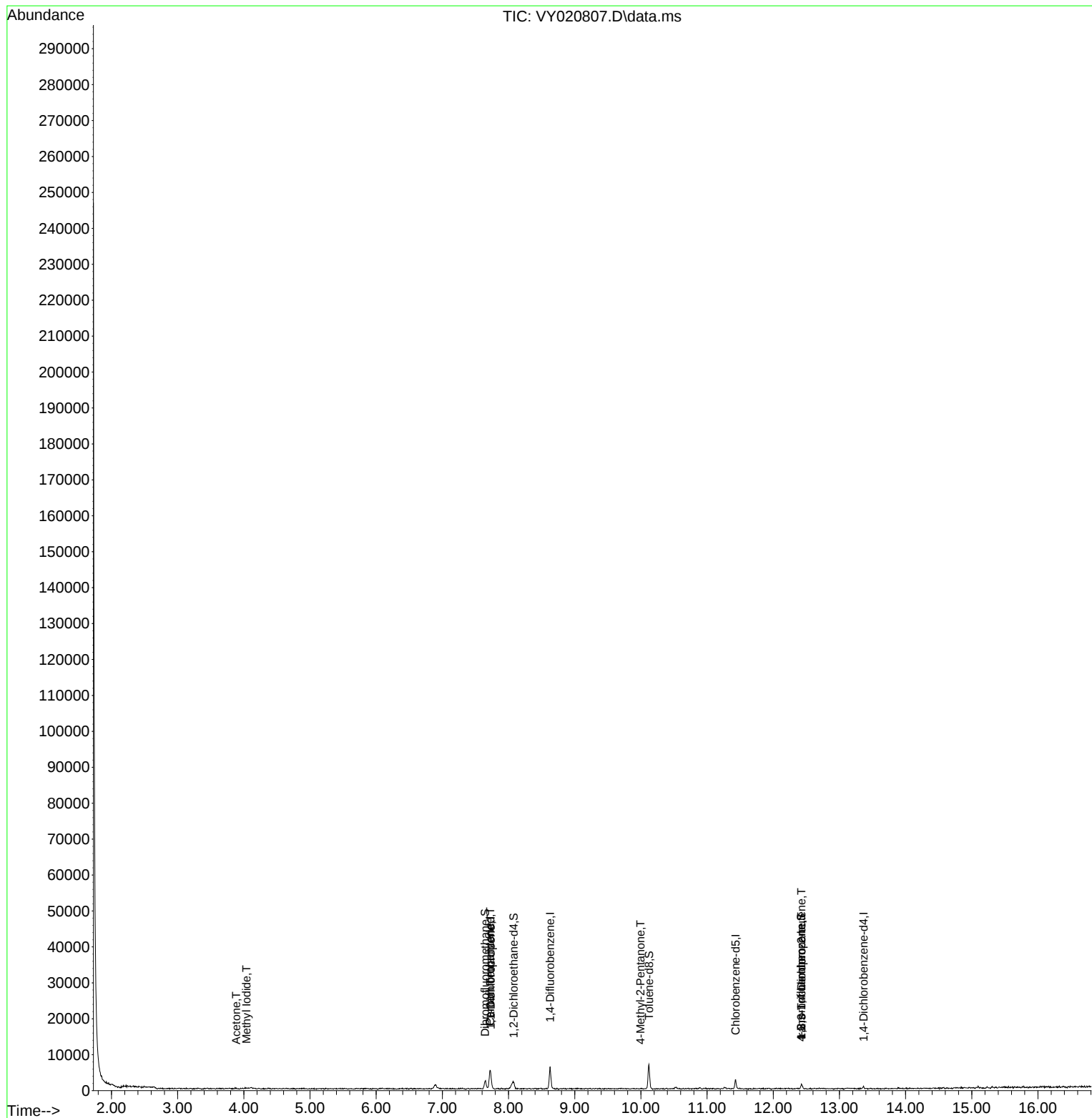
Internal Standards						
1) Pentafluorobenzene	7.719	168	4712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	5639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	1616	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	247	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	1183	29.538	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.080%
35) Dibromofluoromethane	7.646	113	1668	47.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.420%
50) Toluene-d8	10.121	98	5316	43.166	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.420	95	302	6.641	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	13.280%#
Target Compounds						Qvalue
10) Methyl Iodide	4.037	142	222	4.938	ug/l #	76
16) Acetone	3.885	43	143	25.109	ug/l #	41
36) 1,1-Dichloropropene	7.732	75	390	8.655	ug/l #	40
38) Carbon Tetrachloride	7.726	117	414	6.600	ug/l #	12
51) 4-Methyl-2-Pentanone	9.993	43	23	1.262	ug/l #	32
76) 1,2,3-Trichloropropane	12.426	75	75	34.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	75	73.172	ug/l #	14

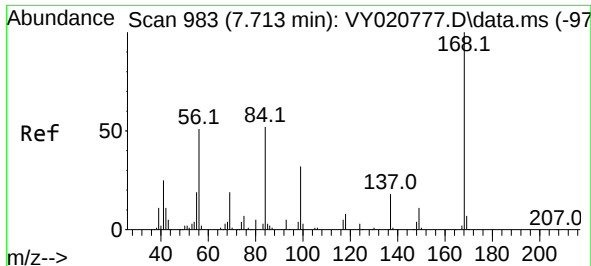
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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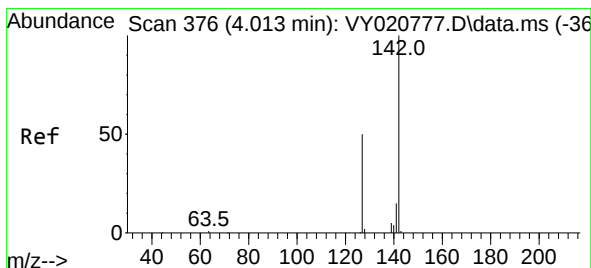
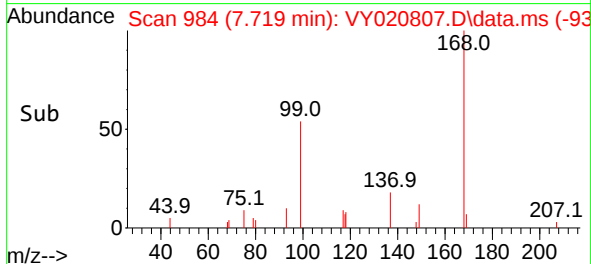
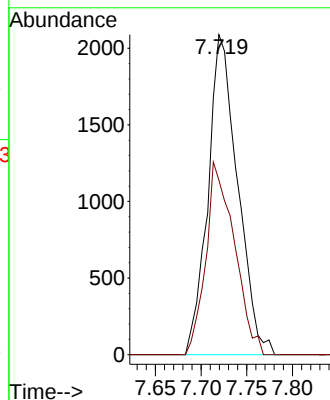
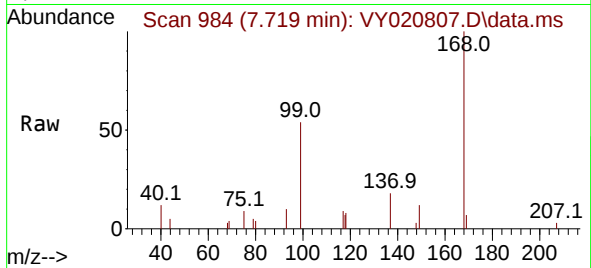




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

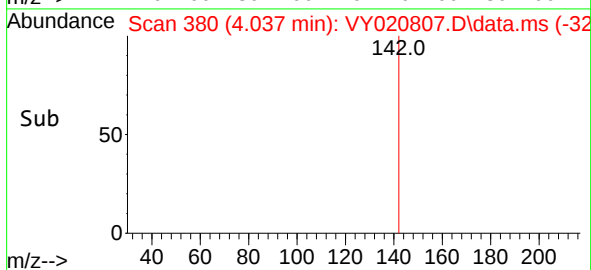
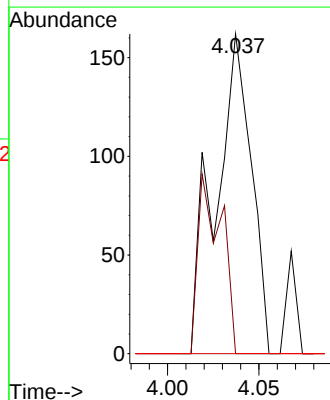
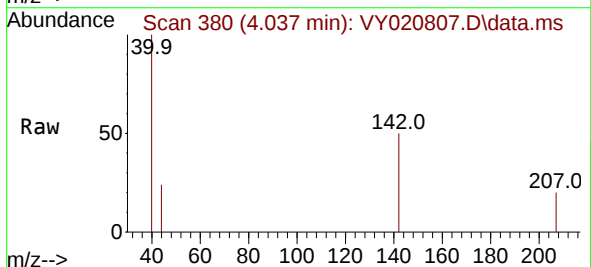
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 4712
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5



#10
Methyl Iodide
Concen: 4.938 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.024 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

Tgt Ion:142 Resp: 222
Ion Ratio Lower Upper
142 100
127 36.5 41.0 61.6#
141 0.0 11.6 17.4#

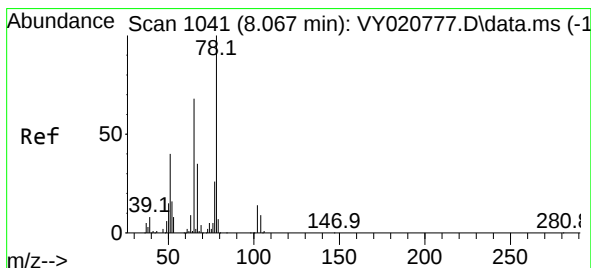
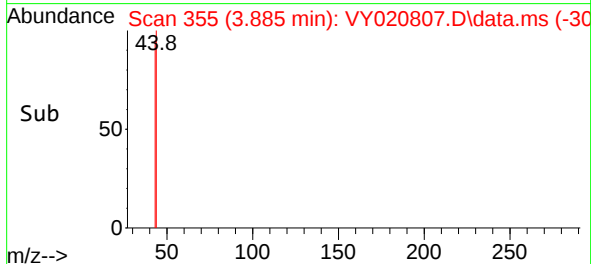
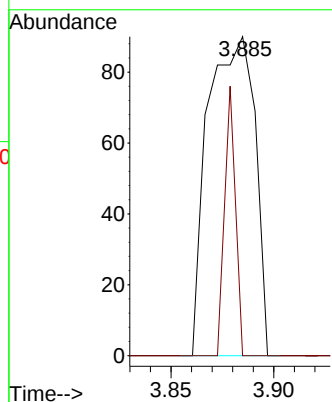
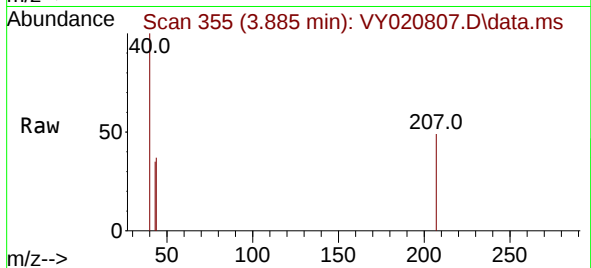




#16
Acetone
Concen: 25.109 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

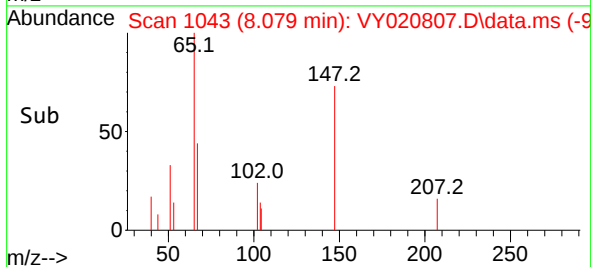
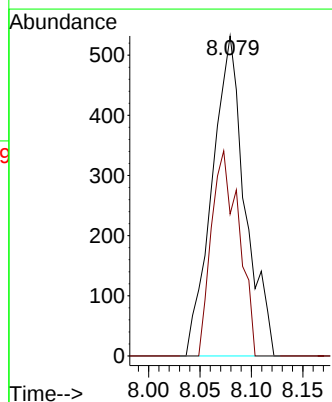
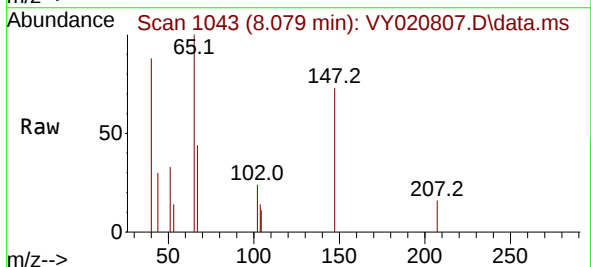
Instrument :
MSVOA_Y
ClientSampleId :

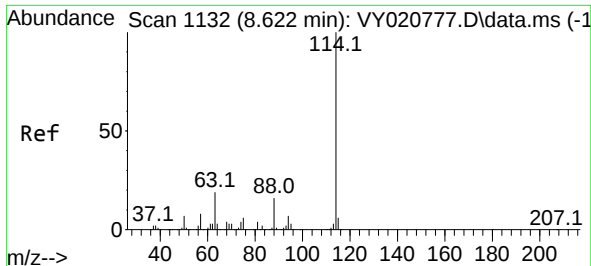
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#33
1,2-Dichloroethane-d4
Concen: 29.538 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

Tgt Ion: 65 Resp: 1183
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020807.D

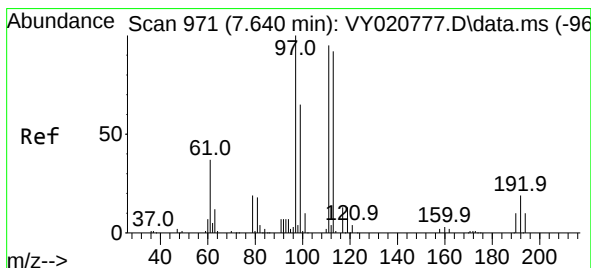
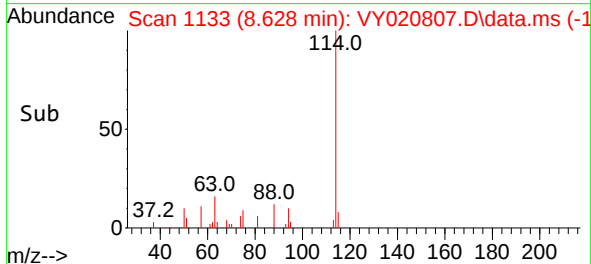
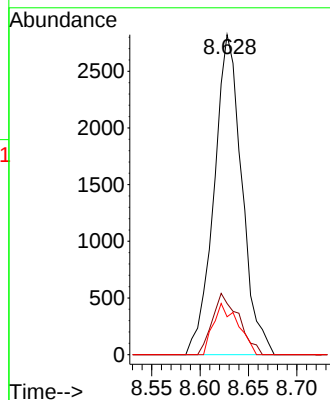
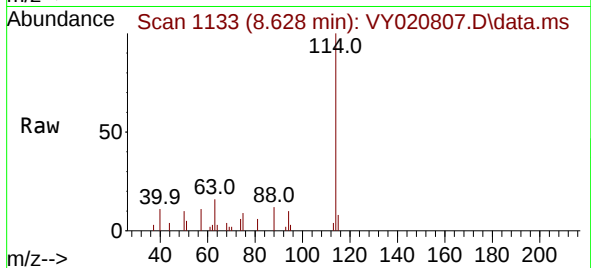
Acq: 08 Jan 2025 13:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	5639
Ion	Ratio	Lower Upper
114	100	
63	16.0	0.0 38.4
88	11.8	0.0 31.2



#35

Dibromofluoromethane

Concen: 47.215 ug/l

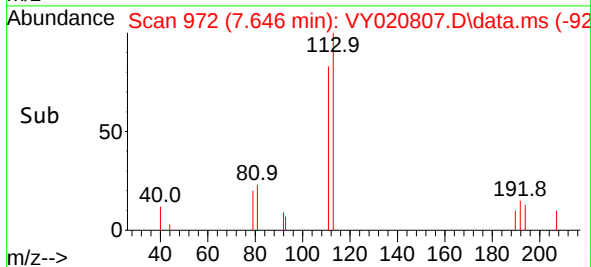
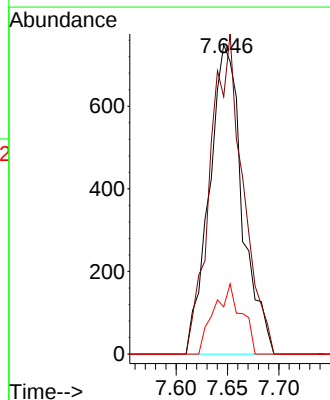
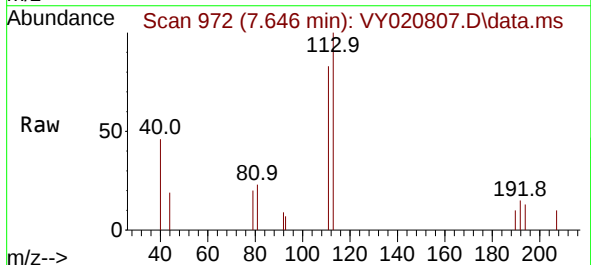
RT: 7.646 min Scan# 972

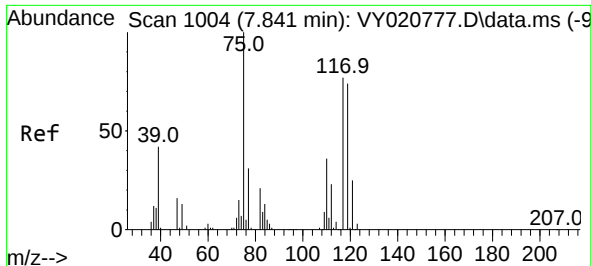
Delta R.T. 0.006 min

Lab File: VY020807.D

Acq: 08 Jan 2025 13:37

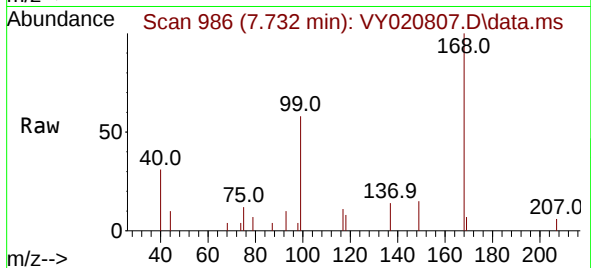
Tgt Ion:113	Resp:	1668
Ion	Ratio	Lower Upper
113	100	
111	103.1	81.7 122.5
192	18.8	16.7 25.1



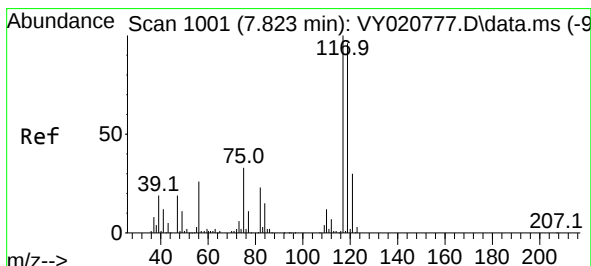
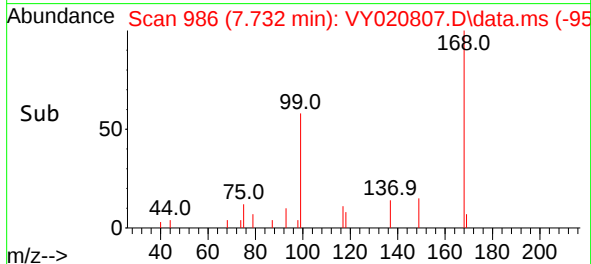
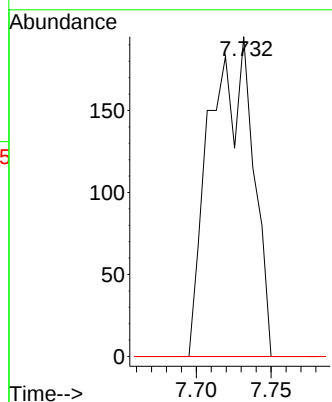


#36
 1,1-Dichloropropene
 Concen: 8.655 ug/l
 RT: 7.732 min Scan# 91
 Delta R.T. -0.110 min
 Lab File: VY020807.D
 Acq: 08 Jan 2025 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :

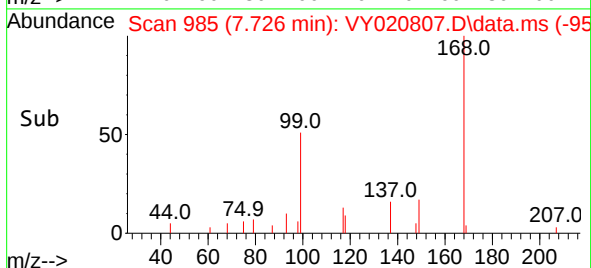
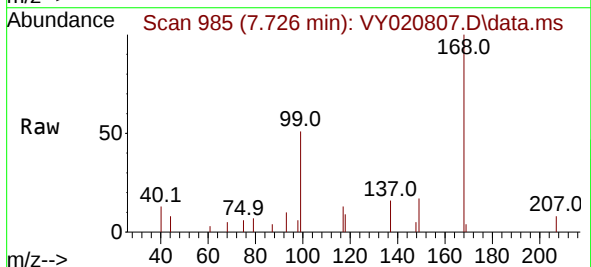
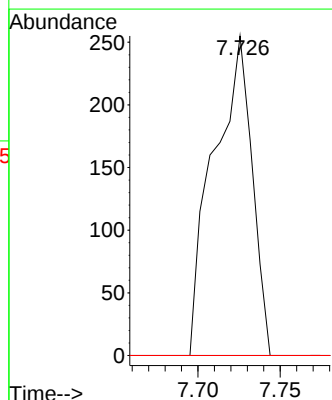


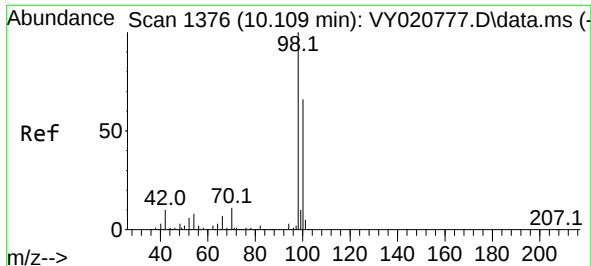
Tgt Ion: 75 Resp: 390
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.600 ug/l
 RT: 7.726 min Scan# 985
 Delta R.T. -0.097 min
 Lab File: VY020807.D
 Acq: 08 Jan 2025 13:37

Tgt Ion: 117 Resp: 414
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.5 114.7#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 43.166 ug/l

RT: 10.121 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020807.D

Acq: 08 Jan 2025 13:37

Instrument :

MSVOA_Y

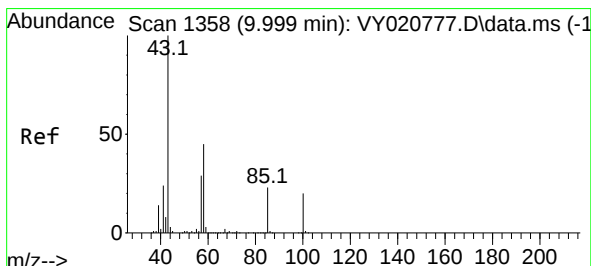
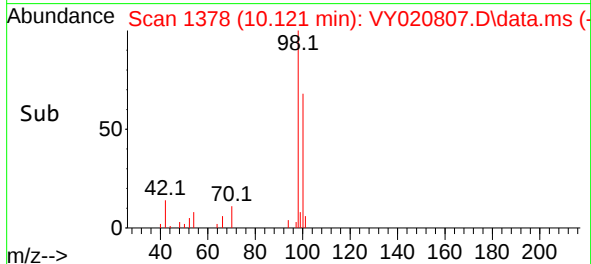
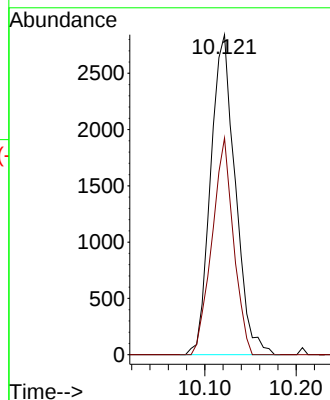
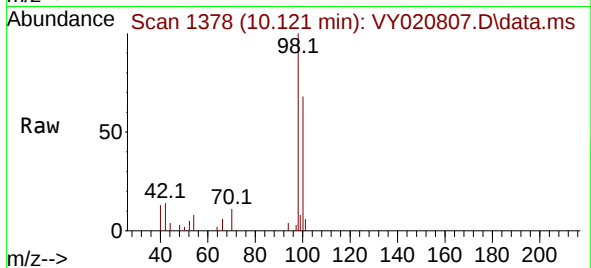
ClientSampleId :

Tgt Ion: 98 Resp: 5316

Ion Ratio Lower Upper

98 100

100 59.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.262 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY020807.D

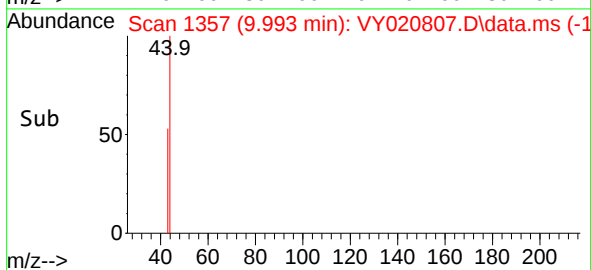
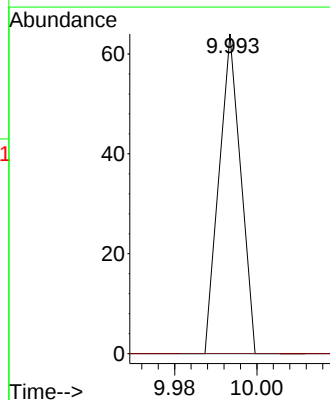
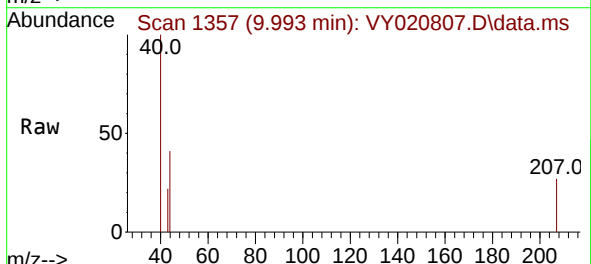
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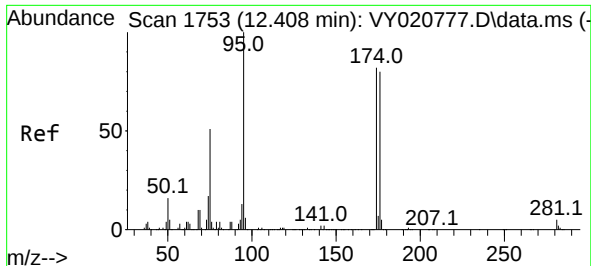
Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

43 100

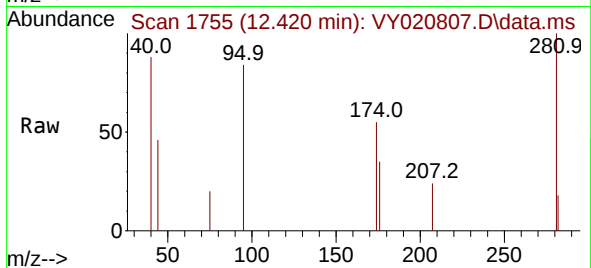
58 0.0 34.8 52.2#



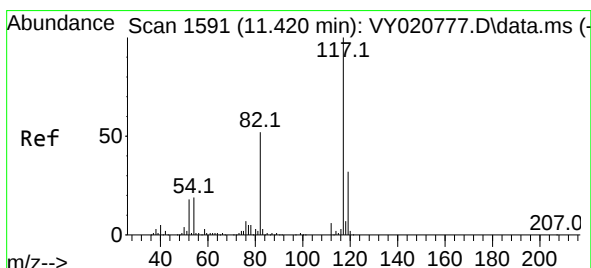
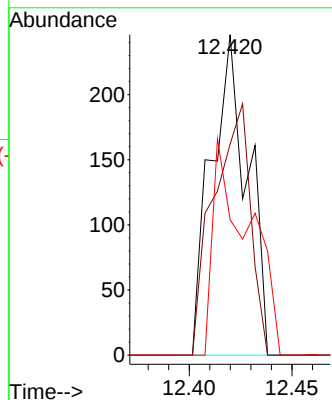
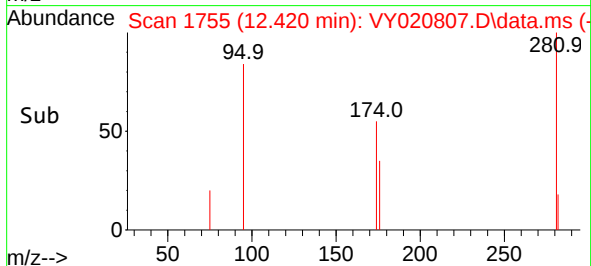


#62
4-Bromofluorobenzene
Concen: 6.641 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

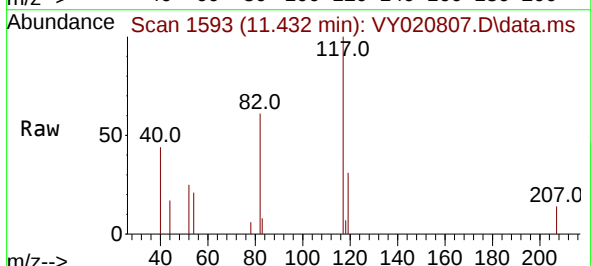
Instrument :
MSVOA_Y
ClientSampleId :



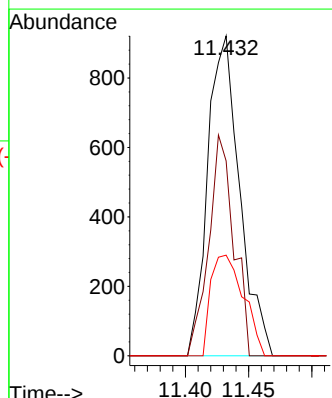
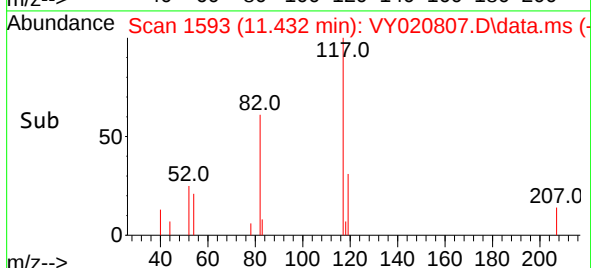
Tgt Ion: 95 Resp: 302
Ion Ratio Lower Upper
95 100
174 79.8 0.0 178.0
176 66.2 0.0 172.0

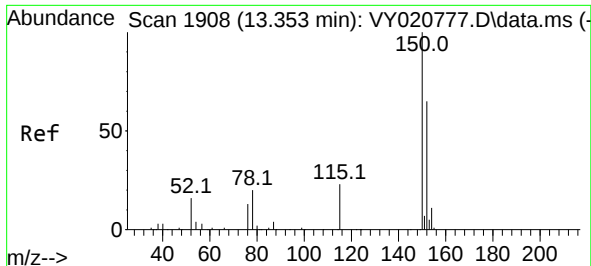


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 1593
Delta R.T. 0.012 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37



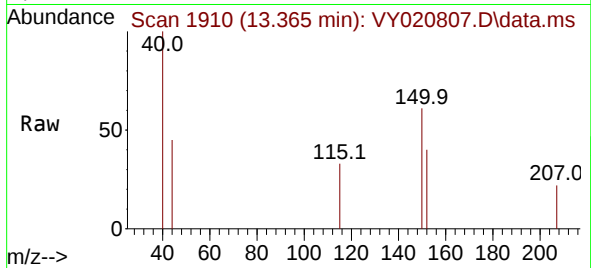
Tgt Ion: 117 Resp: 1616
Ion Ratio Lower Upper
117 100
82 60.9 41.8 62.6
119 31.5 25.8 38.8



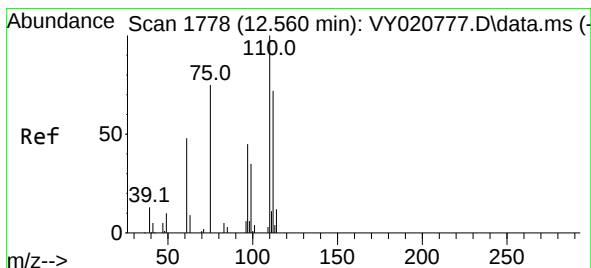
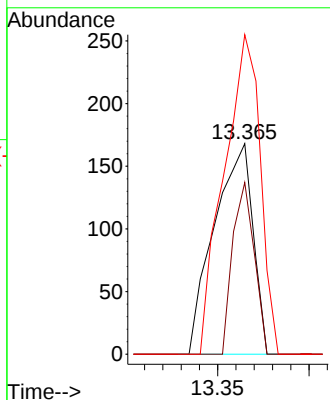
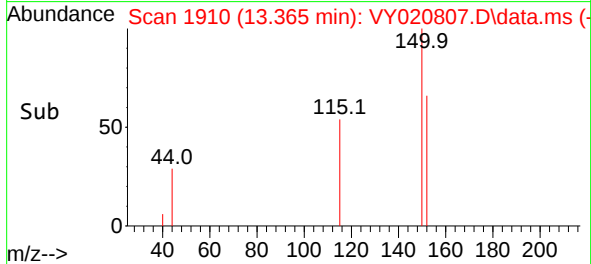


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY020807.D
 Acq: 08 Jan 2025 13:37

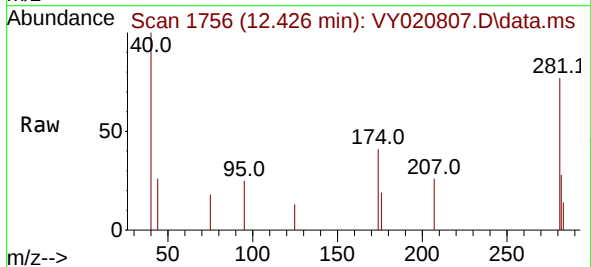
Instrument :
 MSVOA_Y
 ClientSampleId :



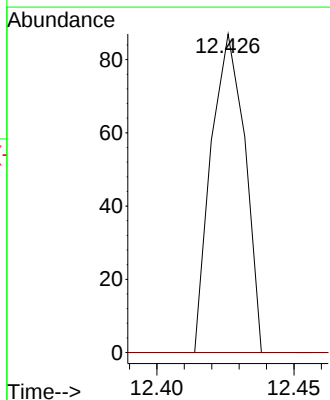
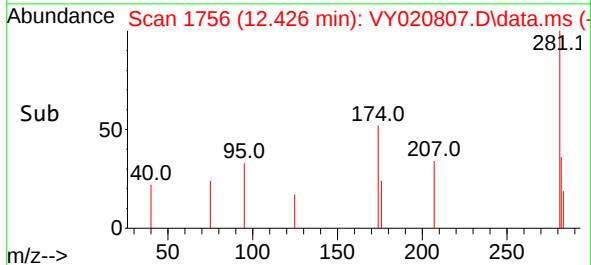
Tgt Ion:152 Resp: 247
 Ion Ratio Lower Upper
 152 100
 115 45.3 29.0 87.0
 150 142.1 0.0 347.4

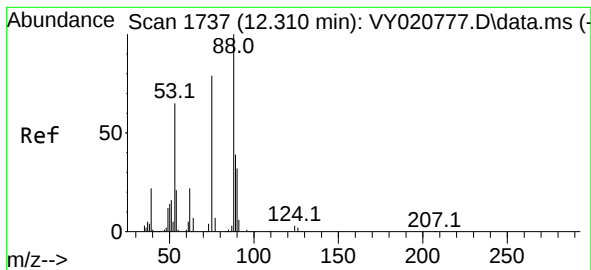


#76
 1,2,3-Trichloropropane
 Concen: 34.703 ug/l
 RT: 12.426 min Scan# 1756
 Delta R.T. -0.134 min
 Lab File: VY020807.D
 Acq: 08 Jan 2025 13:37



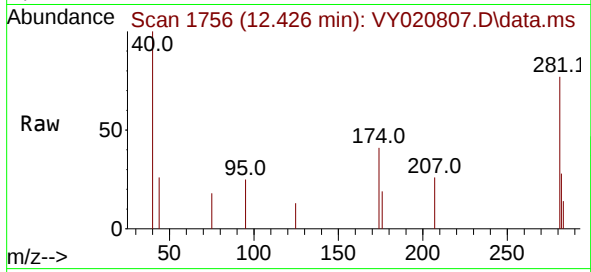
Tgt Ion: 75 Resp: 75
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 73.172 ug/l
RT: 12.426 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY020807.D
Acq: 08 Jan 2025 13:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#

