

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020790.D
 Acq On : 07 Jan 2025 10:30
 Operator : SY/MD
 Sample : VY0107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 00:52:26 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)

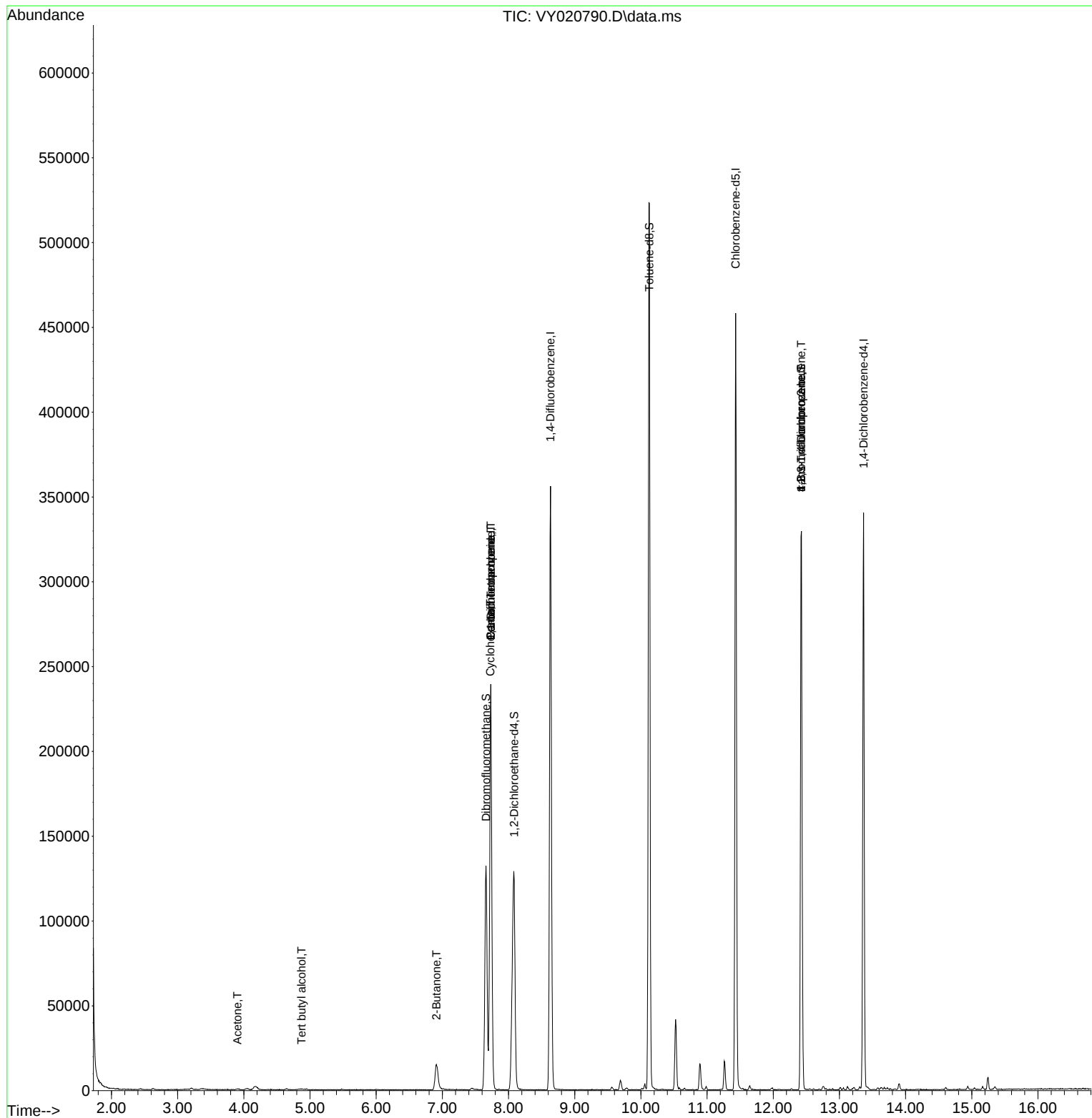
Internal Standards						
1) Pentafluorobenzene	7.732	168	186018	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.634	114	313904	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	251063	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	89480	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	81052	51.263	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.520%	
35) Dibromofluoromethane	7.658	113	94174	47.887	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.780%	
50) Toluene-d8	10.128	98	357888	52.204	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.420	95	100621	39.746	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	490	4.101	ug/l #	73
16) Acetone	3.903	43	1010	4.492	ug/l #	77
25) 2-Butanone	6.909	43	891	2.412	ug/l #	45
31) Cyclohexane	7.725	56	3009	1.308	ug/l #	1
36) 1,1-Dichloropropene	7.732	75	13006	5.185	ug/l #	50
38) Carbon Tetrachloride	7.732	117	18097	5.183	ug/l #	17
76) 1,2,3-Trichloropropane	12.420	75	50056	63.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.420	75	50056	134.807	ug/l #	14

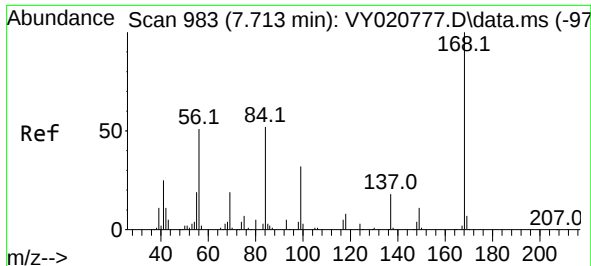
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
Data File : VY020790.D
Acq On : 07 Jan 2025 10:30
Operator : SY/MD
Sample : VY0107SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

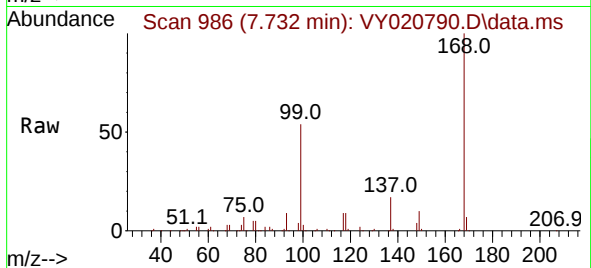
Quant Time: Jan 08 00:52:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration



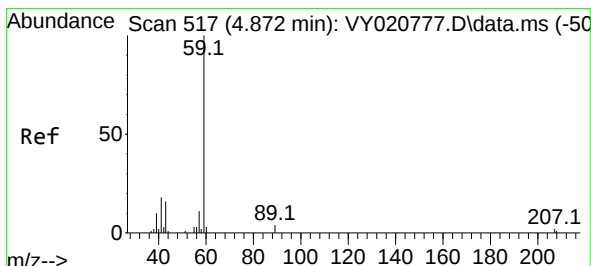
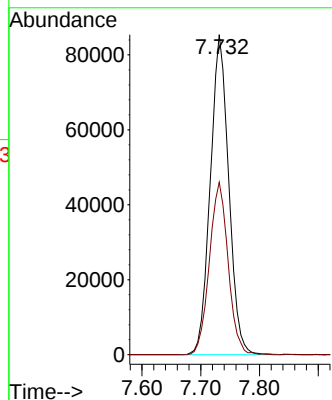
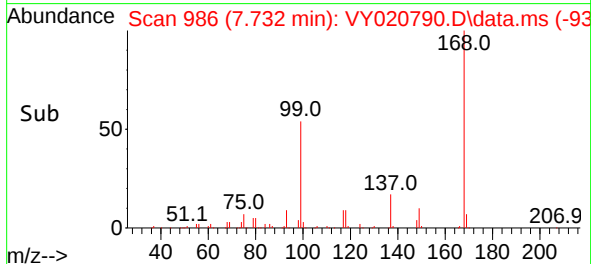


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

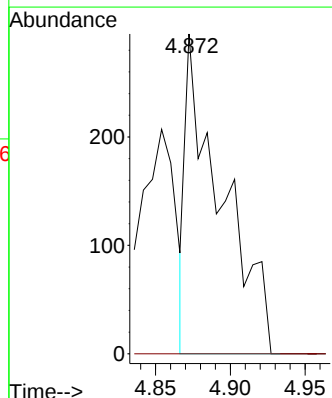
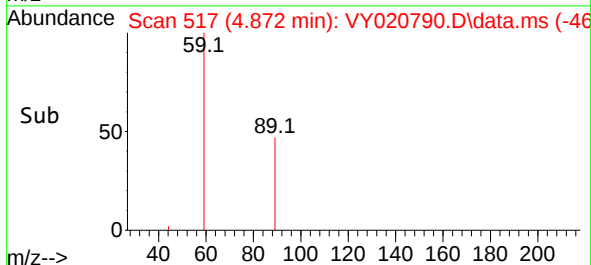
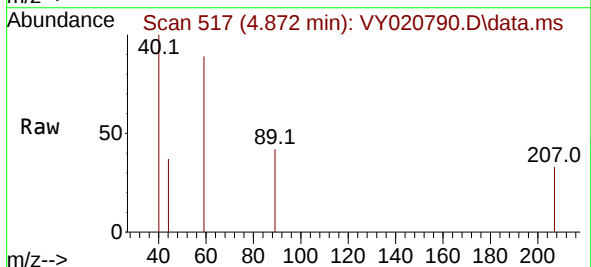


Tgt Ion:168 Resp: 186018
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#11
Tert butyl alcohol
Concen: 4.101 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 59 Resp: 490
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

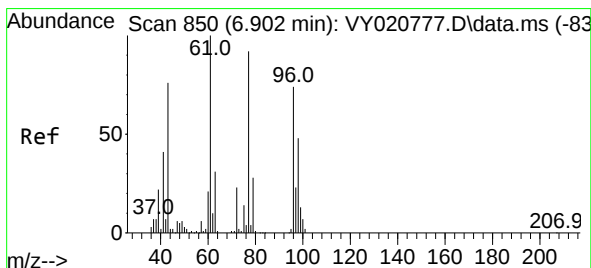
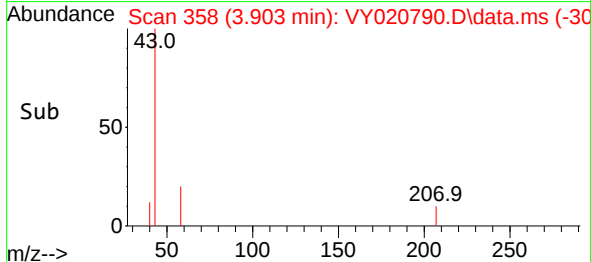
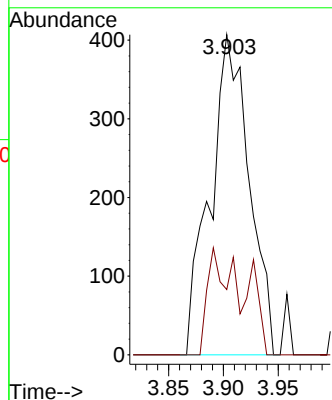
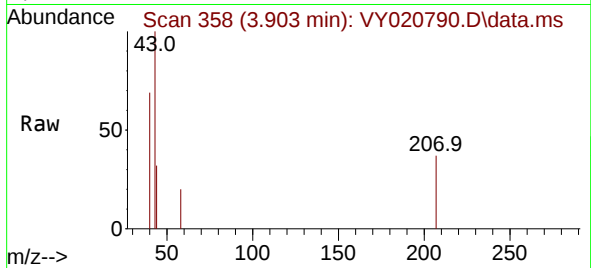




#16
Acetone
Concen: 4.492 ug/l
RT: 3.903 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

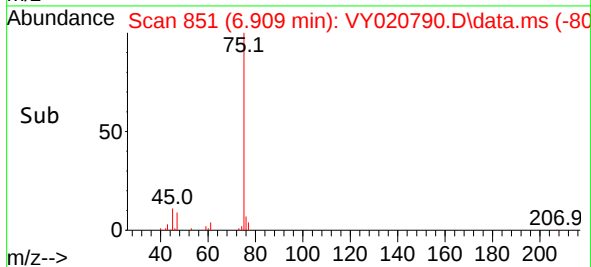
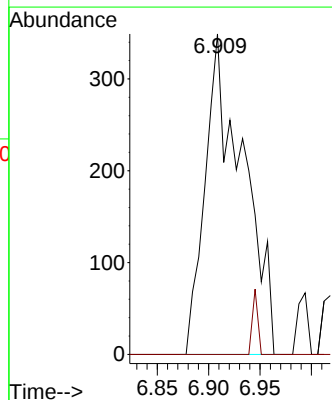
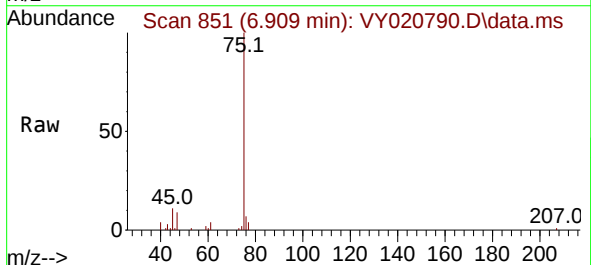
Instrument :
MSVOA_Y
ClientSampleId :

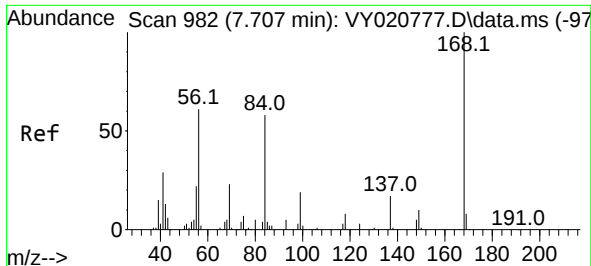
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 20.4 26.7 40.1#



#25
2-Butanone
Concen: 2.412 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#

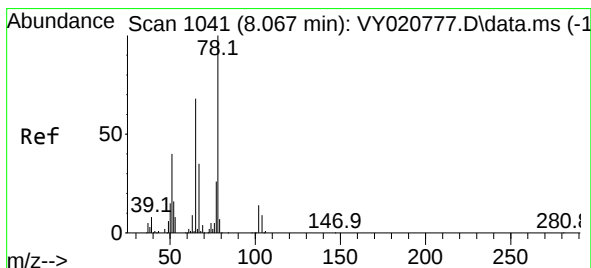
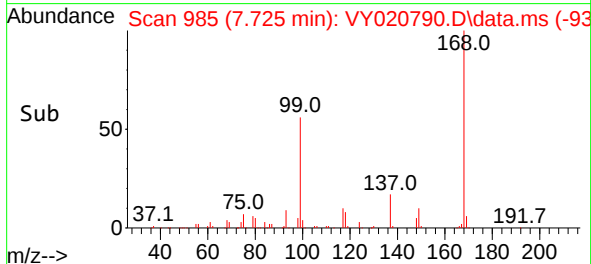
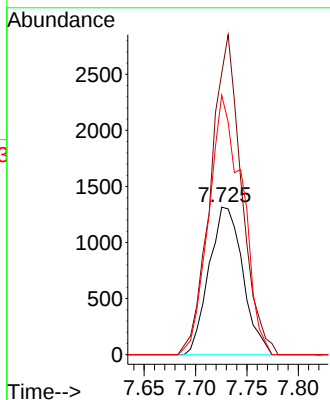
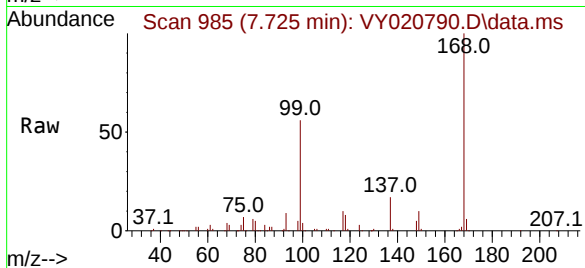




#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

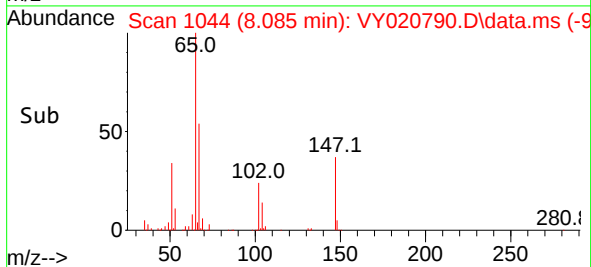
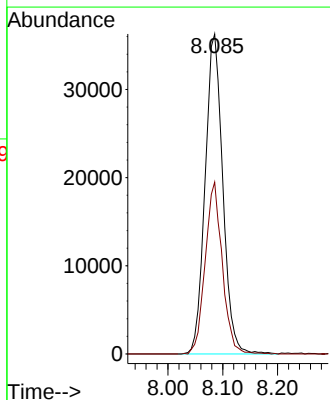
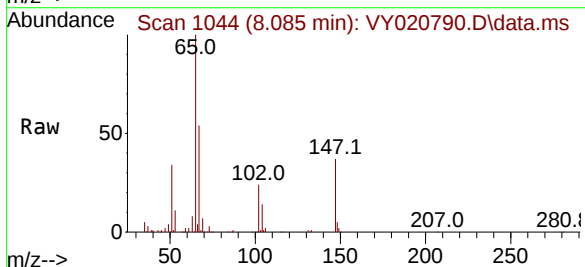
Instrument :
MSVOA_Y
ClientSampleId :

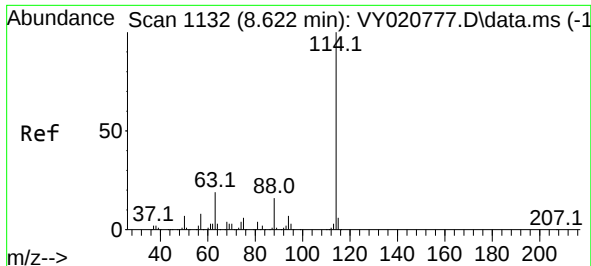
Tgt Ion: 56 Resp: 3009
Ion Ratio Lower Upper
56 100
69 190.9 30.5 45.7#
84 176.0 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 51.263 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.018 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 65 Resp: 81052
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.012 min

Lab File: VY020790.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

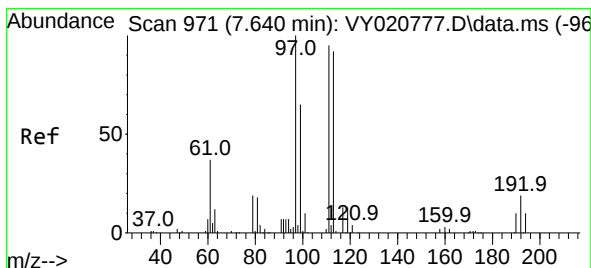
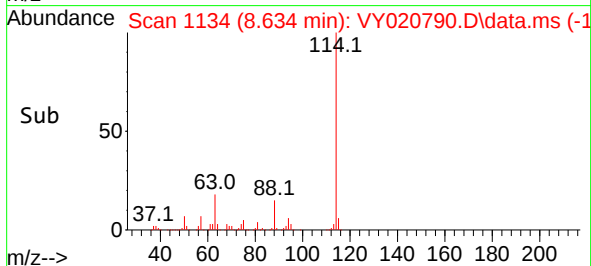
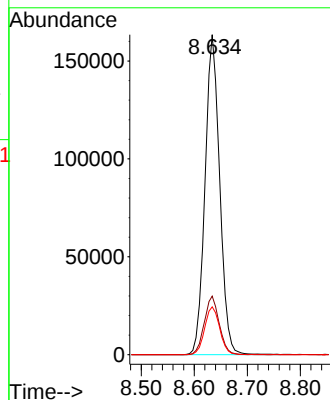
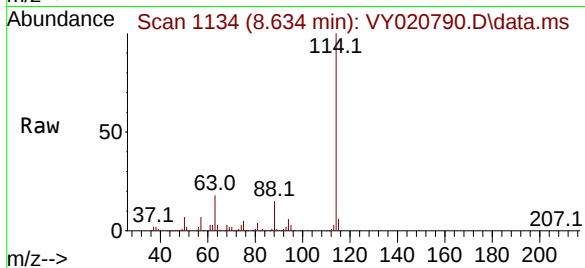
Tgt Ion:114 Resp: 313904

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 47.887 ug/l

RT: 7.658 min Scan# 974

Delta R.T. 0.018 min

Lab File: VY020790.D

Acq: 07 Jan 2025 10:30

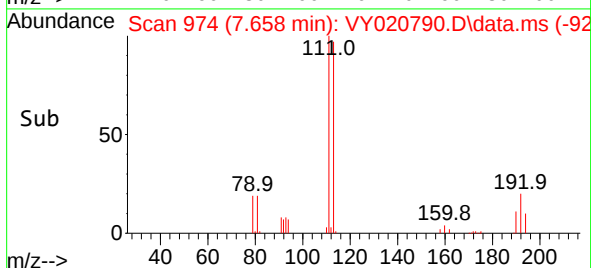
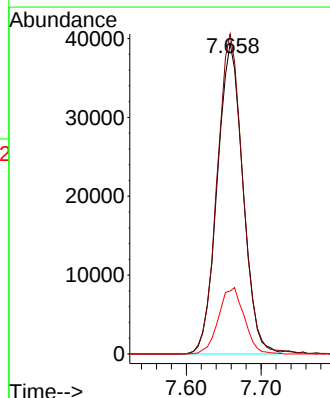
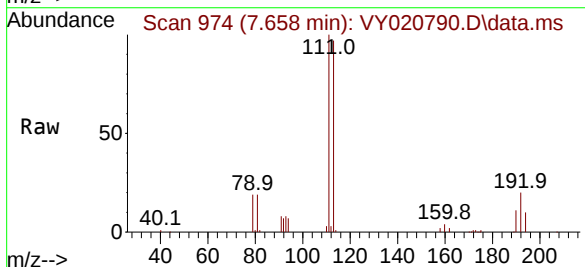
Tgt Ion:113 Resp: 94174

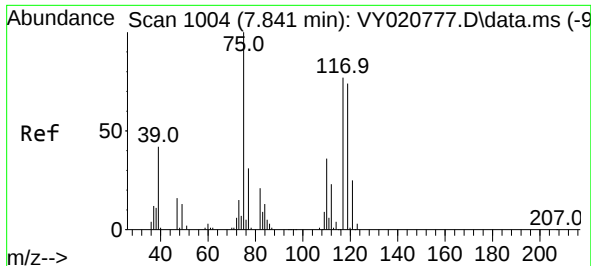
Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

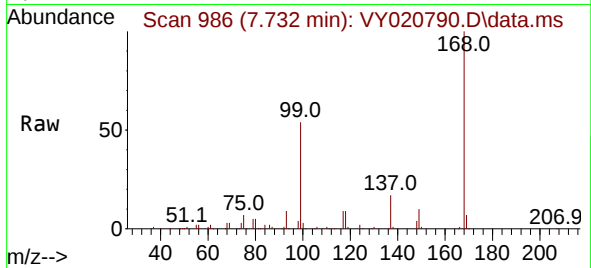
192 21.4 16.7 25.1



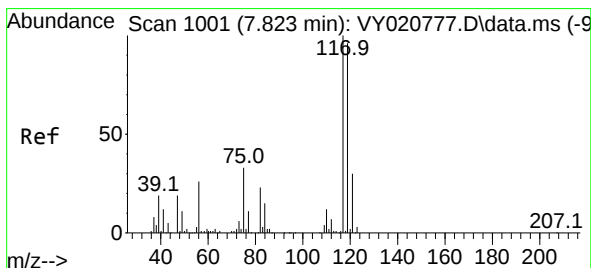
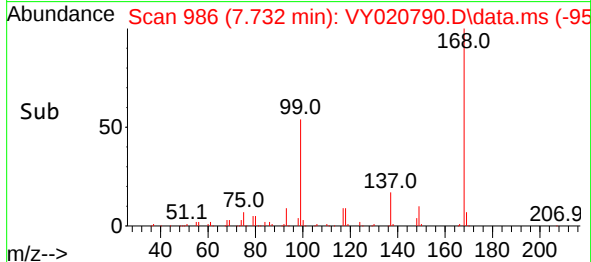
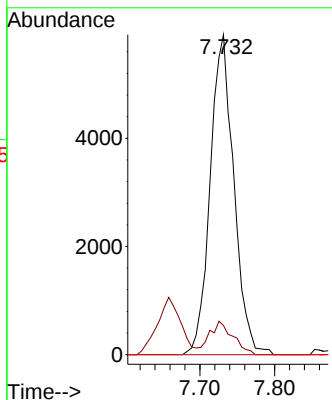


#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 7.732 min Scan# 986
Delta R.T. -0.110 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

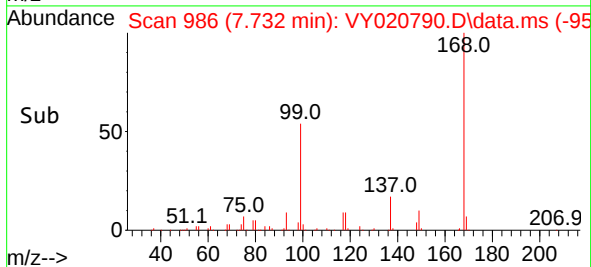
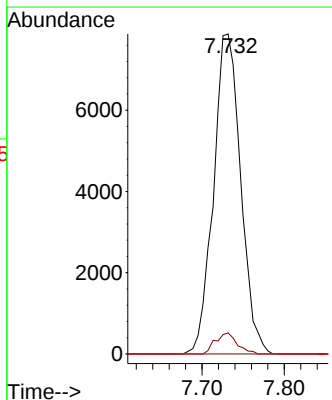
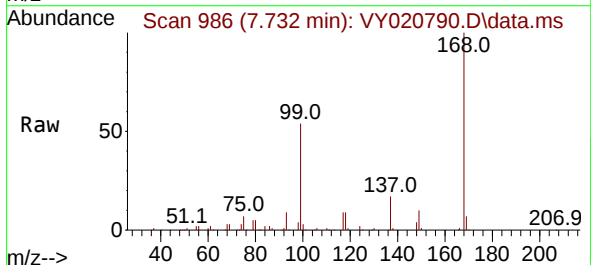


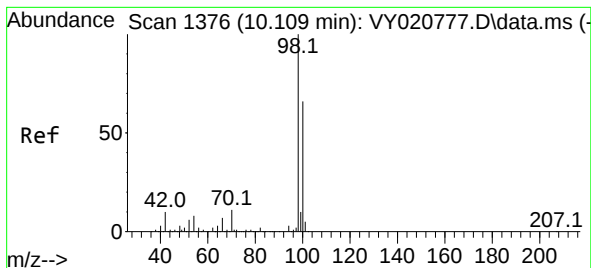
Tgt Ion: 75 Resp: 13006
Ion Ratio Lower Upper
75 100
110 10.4 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 7.732 min Scan# 986
Delta R.T. -0.091 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 117 Resp: 18097
Ion Ratio Lower Upper
117 100
119 6.6 76.5 114.7#
121 0.0 24.3 36.5#

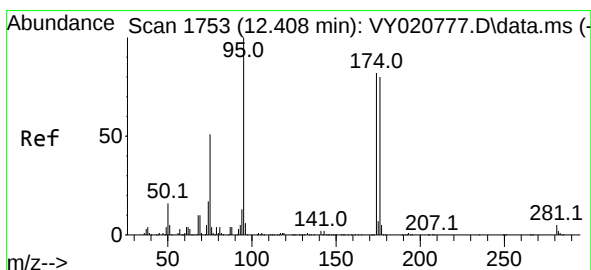
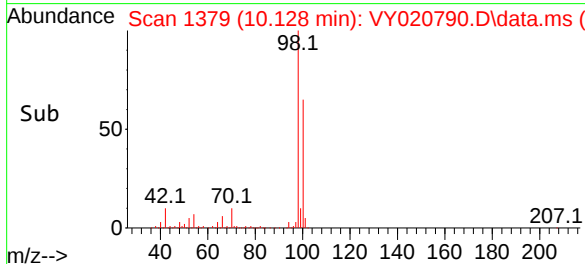
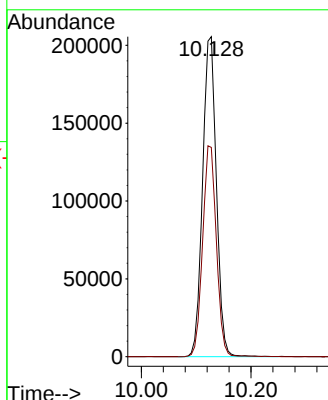
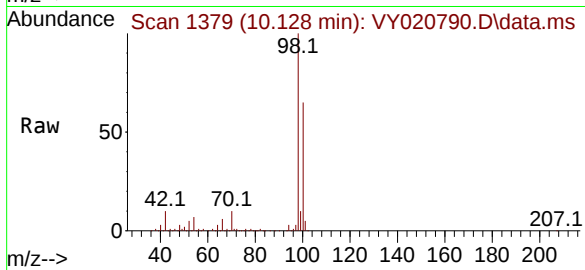




#50
Toluene-d8
Concen: 52.204 ug/l
RT: 10.128 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

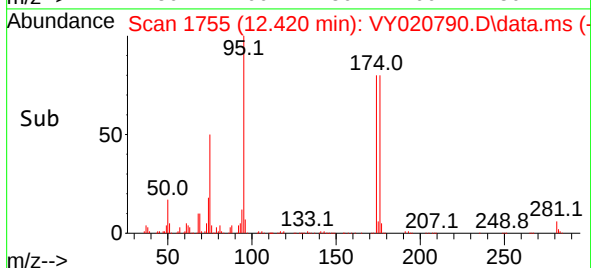
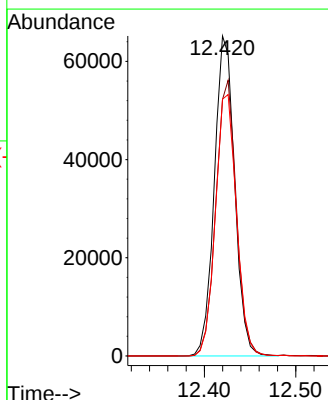
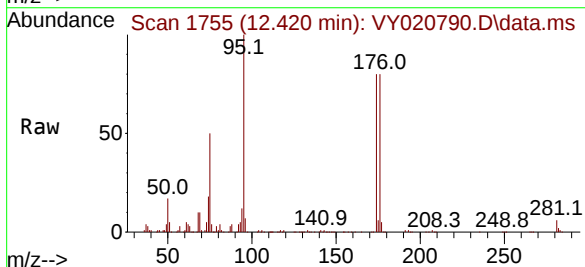
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MSVOA_Y
ClientSampleId :

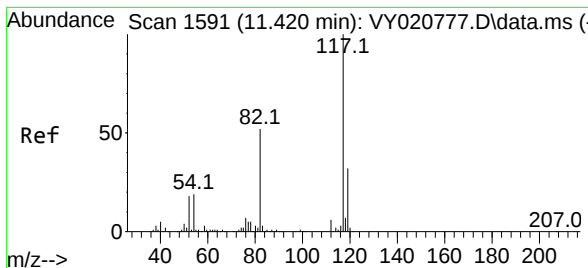
Tgt Ion: 98 Resp: 357888
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 39.746 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

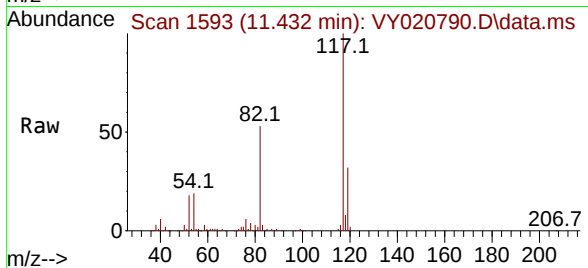
Tgt Ion: 95 Resp: 100621
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.0
176 85.0 0.0 172.0



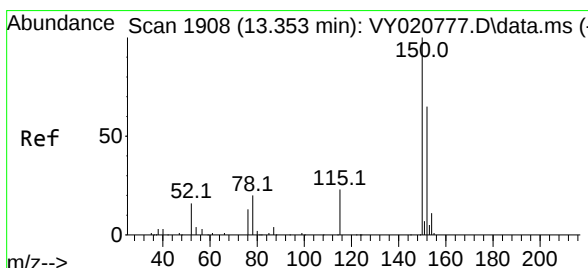
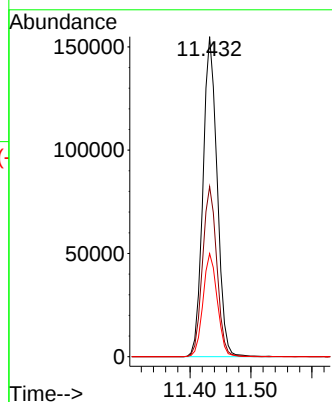
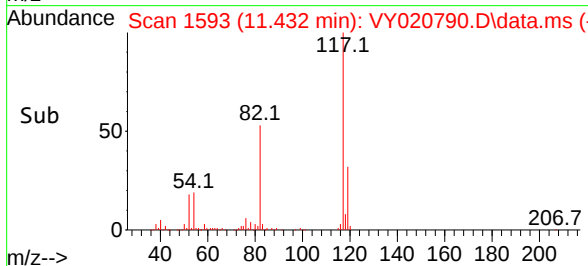


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

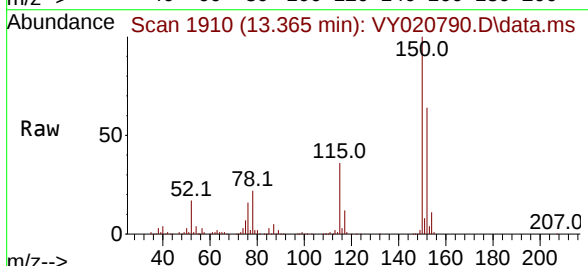
Instrument :
MSVOA_Y
ClientSampleId :



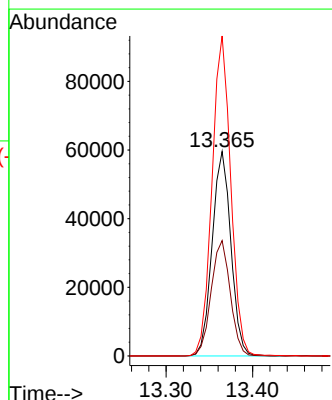
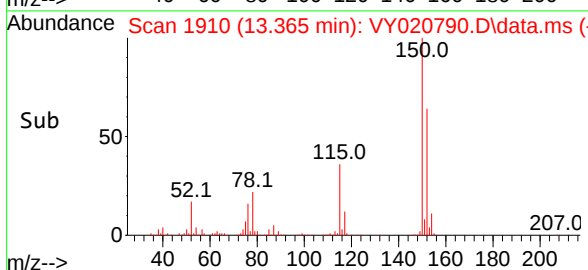
Tgt Ion:117 Resp: 251063
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.2 25.8 38.8

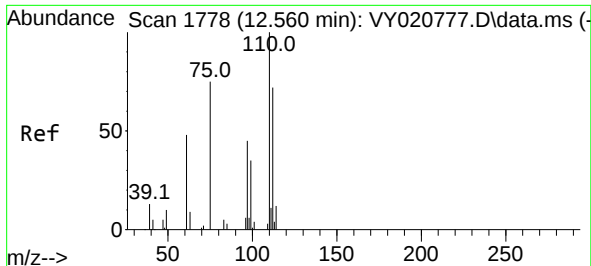


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30



Tgt Ion:152 Resp: 89480
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 156.6 0.0 347.4

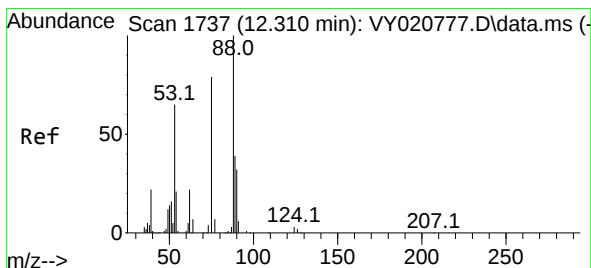
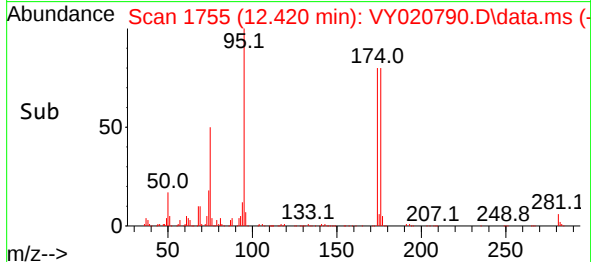
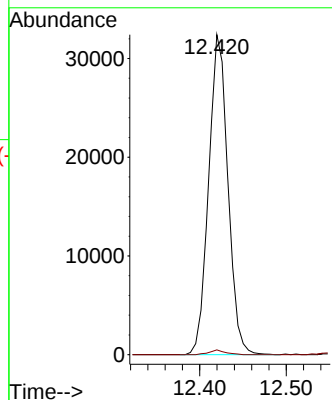
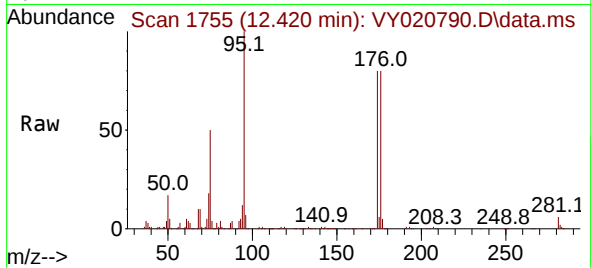




#76
1,2,3-Trichloropropane
Concen: 63.934 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.140 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50056
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.807 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.110 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 75 Resp: 50056
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.2 39.6 59.4#

