

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021070.D
 Acq On : 04 Feb 2025 19:44
 Operator : SY/MD
 Sample : Q1216-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:51:24 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)

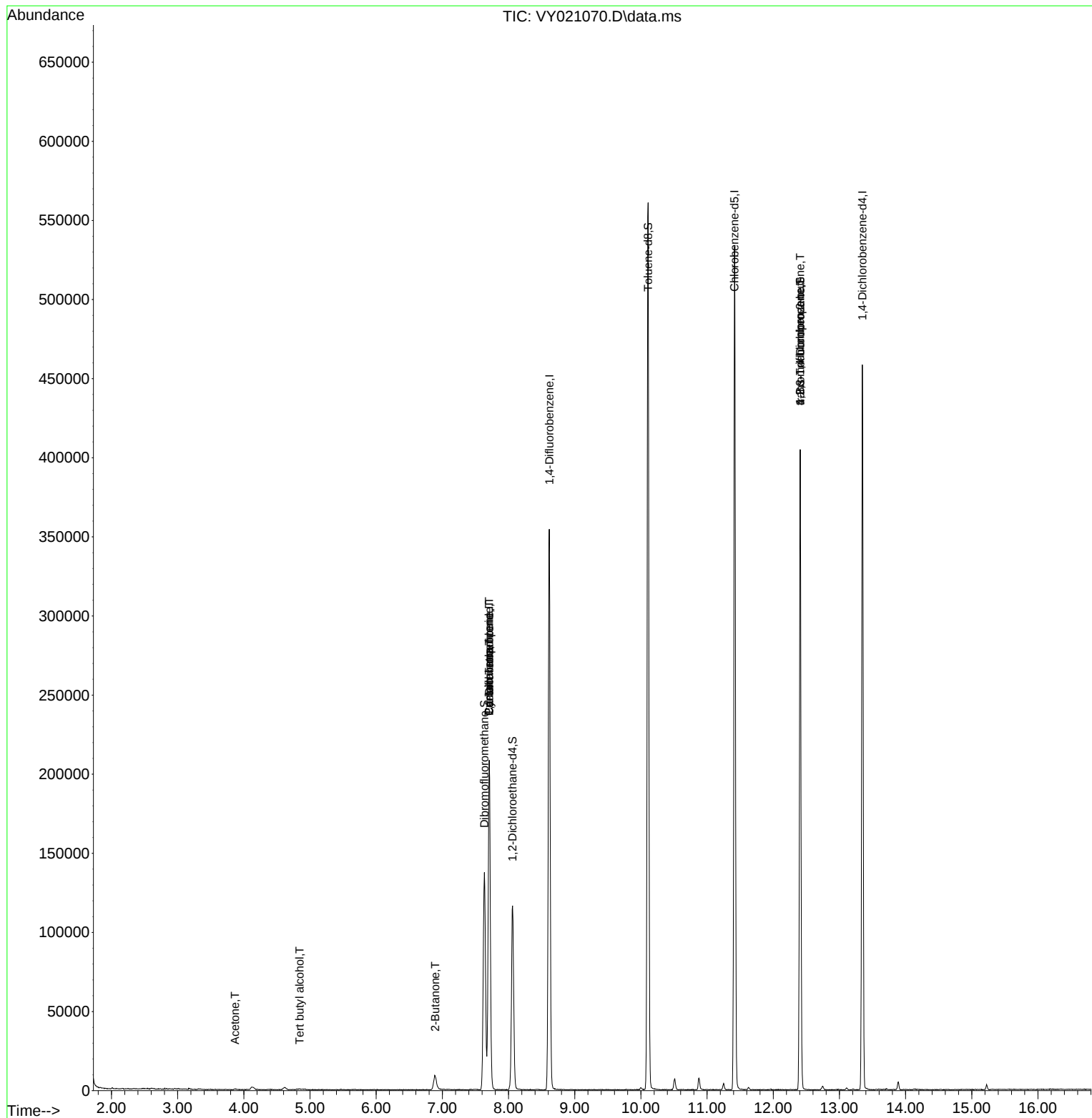
Internal Standards						
1) Pentafluorobenzene	7.707	168	157599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	293437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93749	58.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.120%
35) Dibromofluoromethane	7.634	113	97440	51.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.109	98	361845	50.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.408	95	112197	47.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	952	8.700	ug/l #	75
16) Acetone	3.867	43	1032	4.098	ug/l	97
25) 2-Butanone	6.890	43	628	1.518	ug/l #	48
31) Cyclohexane	7.707	56	3540	1.285	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	12605	4.525	ug/l #	52
38) Carbon Tetrachloride	7.707	117	16113	4.951	ug/l #	18
76) 1,2,3-Trichloropropane	12.408	75	63752	62.527	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	63752	127.584	ug/l #	12

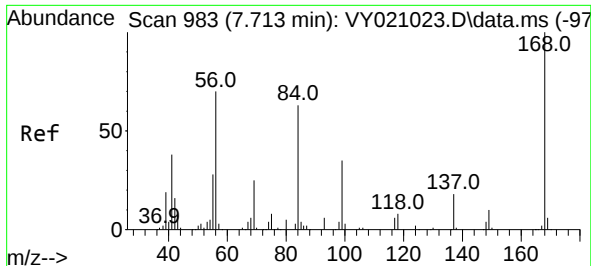
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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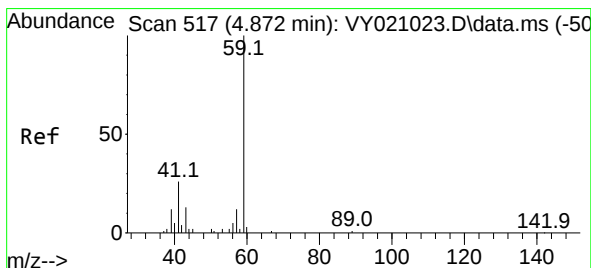
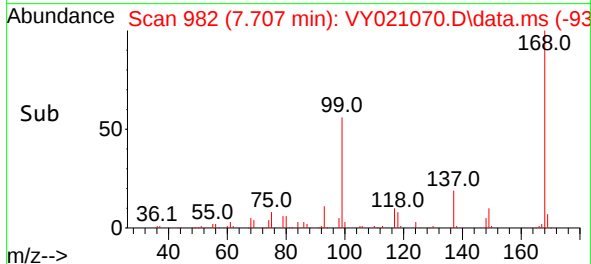
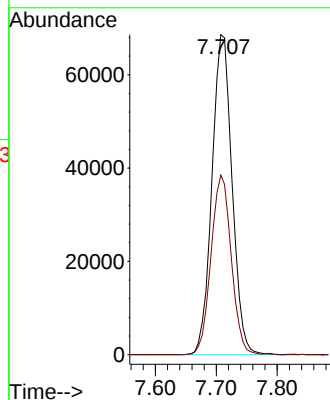
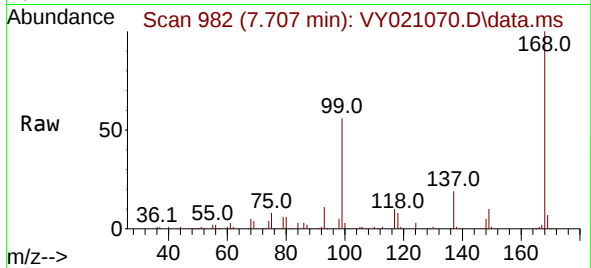




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

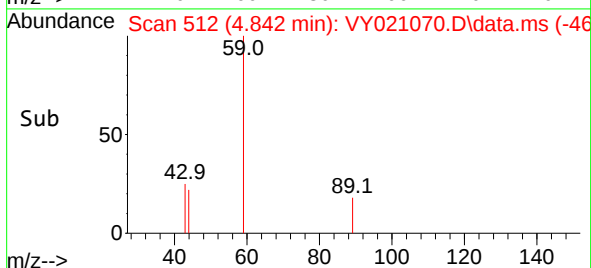
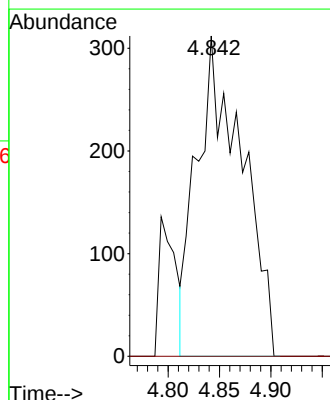
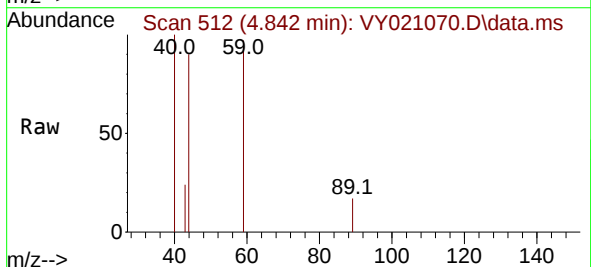
Instrument :
MSVOA_Y
ClientSampleId :

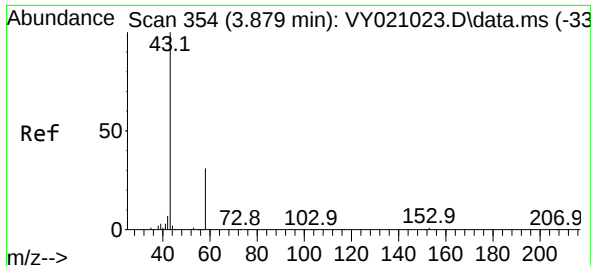
Tgt Ion:168 Resp: 157599
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 8.700 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

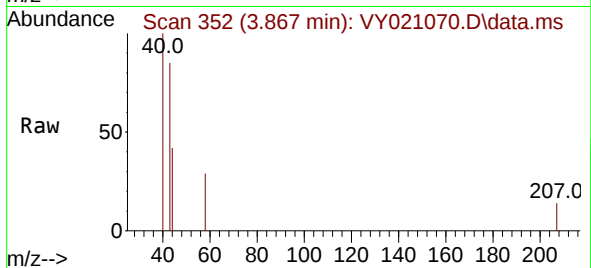
Tgt Ion: 59 Resp: 952
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



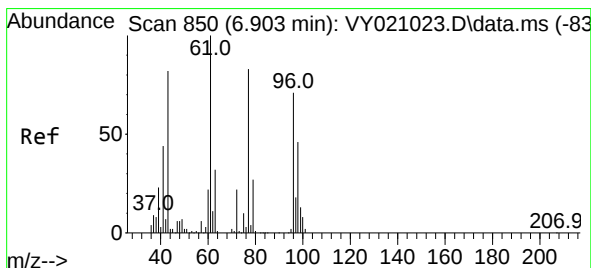
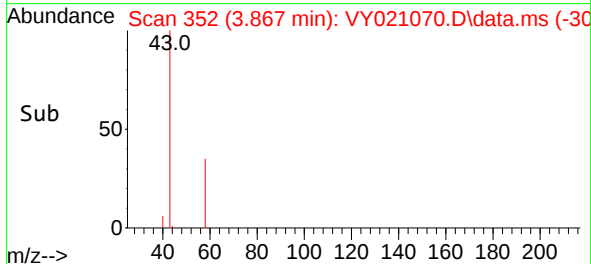
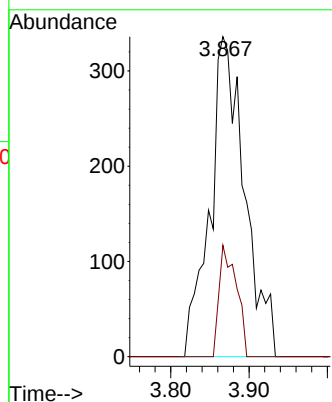


#16
Acetone
Concen: 4.098 ug/l
RT: 3.867 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Instrument :
MSVOA_Y
ClientSampleId :

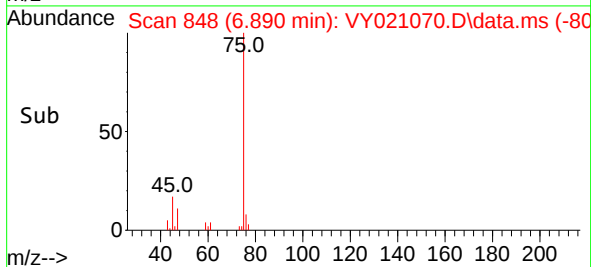
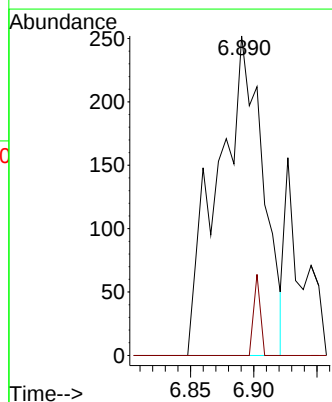
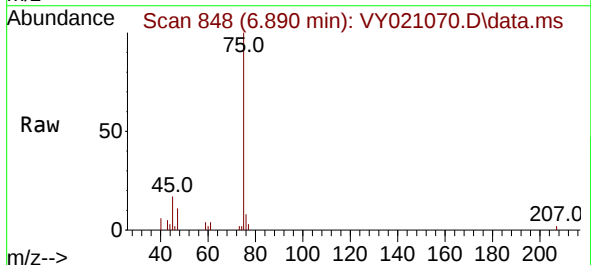


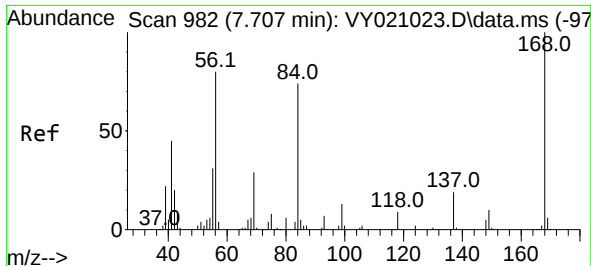
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 34.8 26.6 39.8



#25
2-Butanone
Concen: 1.518 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

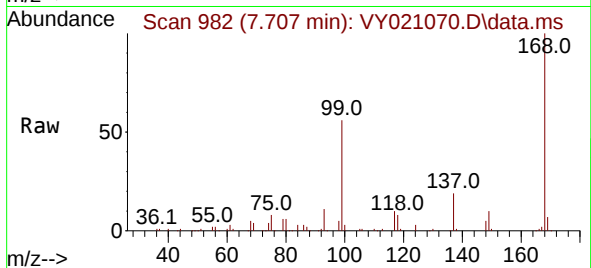
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



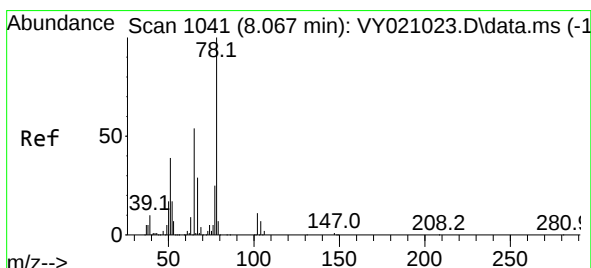
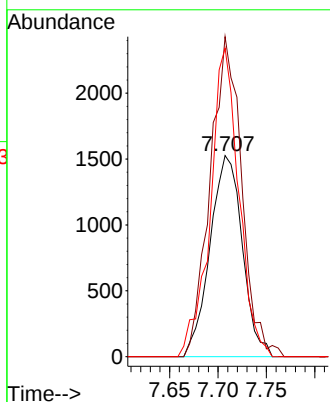
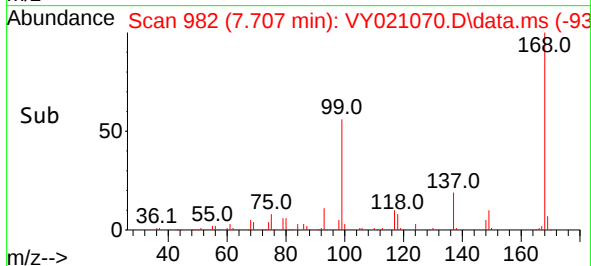


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

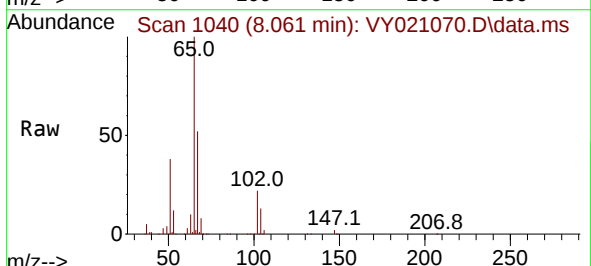
Instrument :
MSVOA_Y
ClientSampleId :



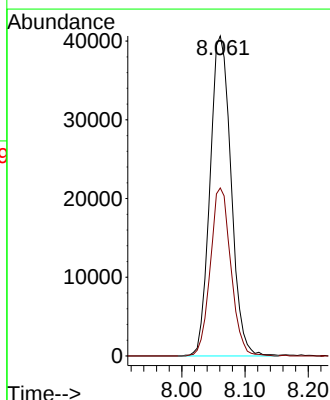
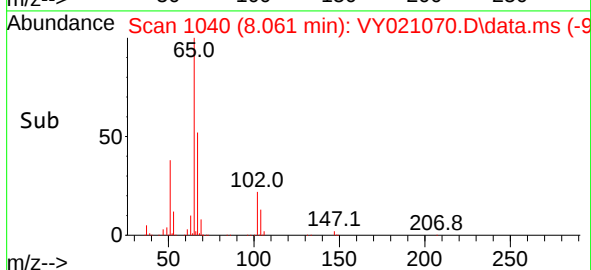
Tgt Ion: 56 Resp: 3540
Ion Ratio Lower Upper
56 100
69 159.1 27.0 40.6#
84 153.3 71.8 107.6#

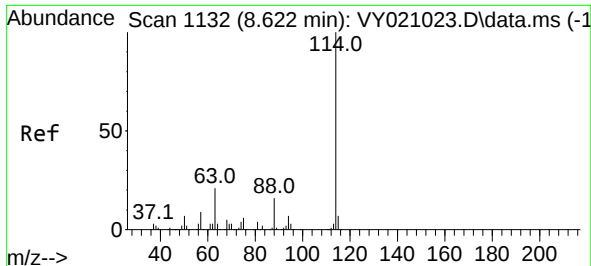


#33
1,2-Dichloroethane-d4
Concen: 58.059 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44



Tgt Ion: 65 Resp: 93749
Ion Ratio Lower Upper
65 100
67 51.3 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: VY021070.D

Acq: 04 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

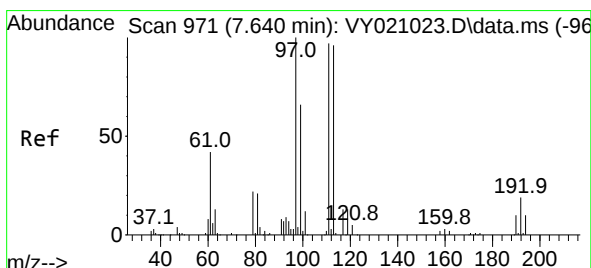
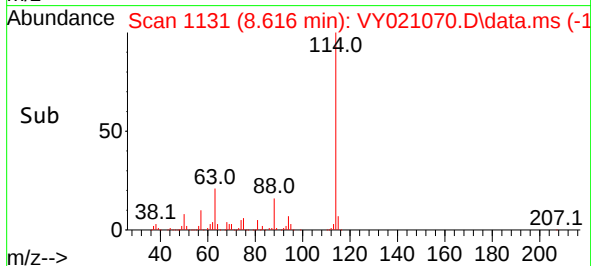
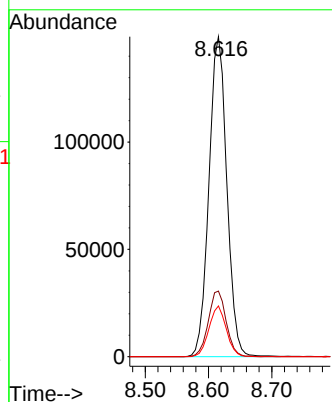
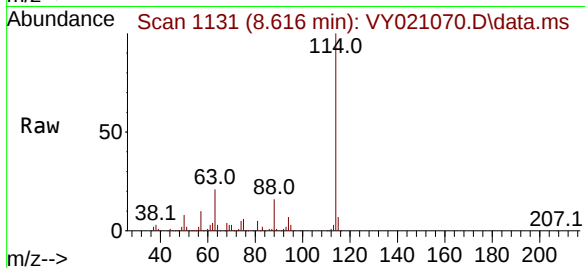
Tgt Ion:114 Resp: 293437

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.815 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

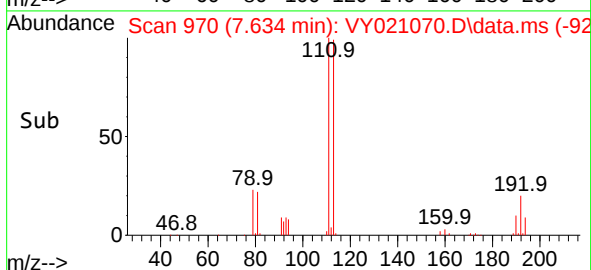
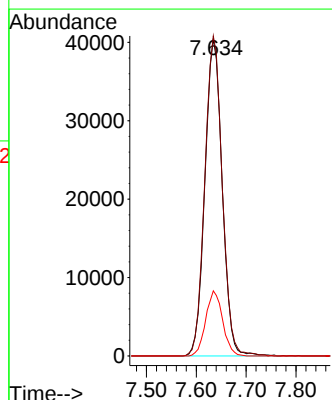
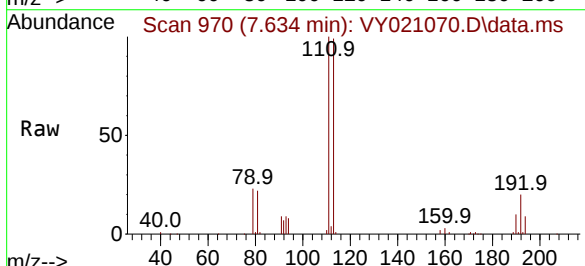
Tgt Ion:113 Resp: 97440

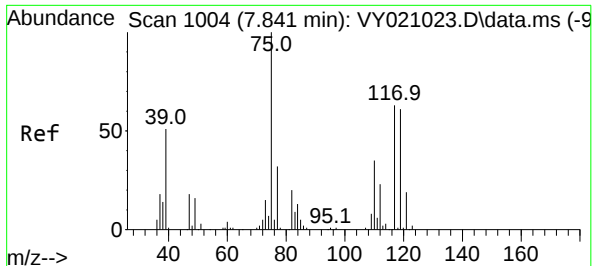
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 20.1 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

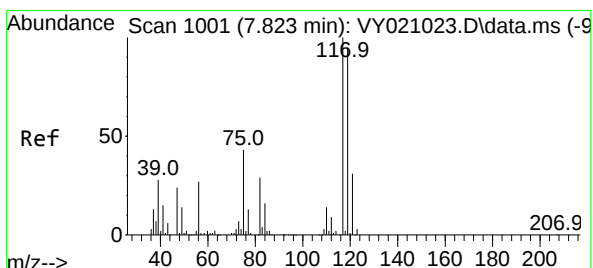
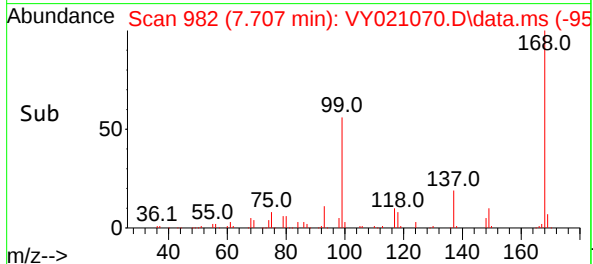
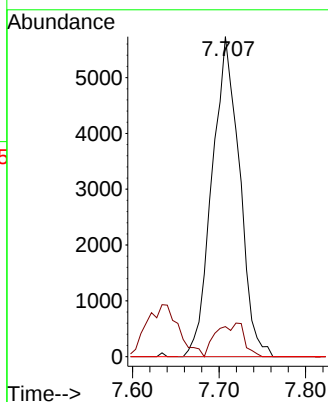
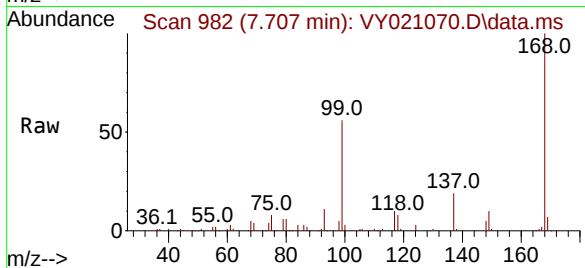
Tgt Ion: 75 Resp: 12605

Ion Ratio Lower Upper

75 100

110 10.8 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.951 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

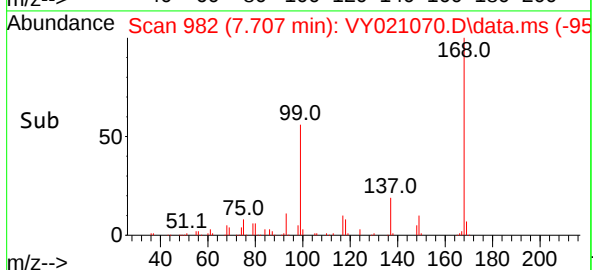
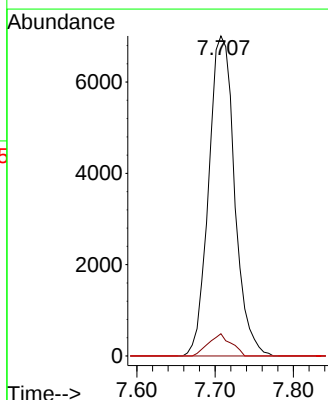
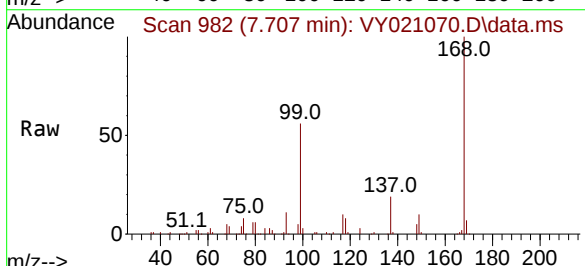
Tgt Ion: 117 Resp: 16113

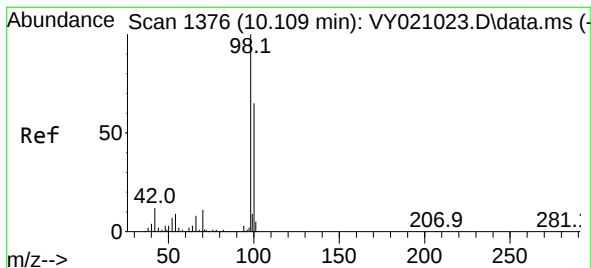
Ion Ratio Lower Upper

117 100

119 6.9 76.0 114.0#

121 0.0 24.2 36.2#

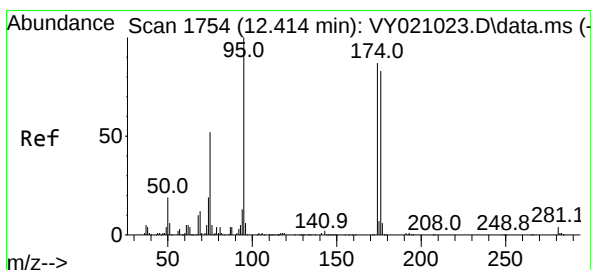
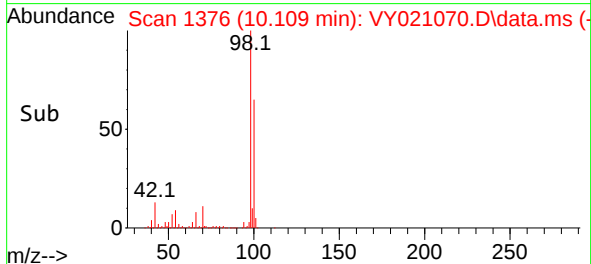
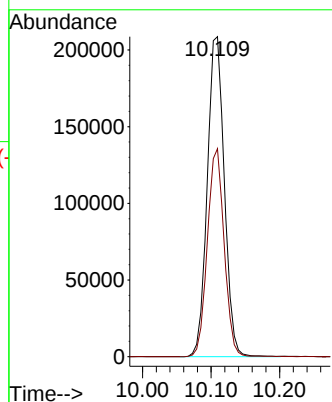
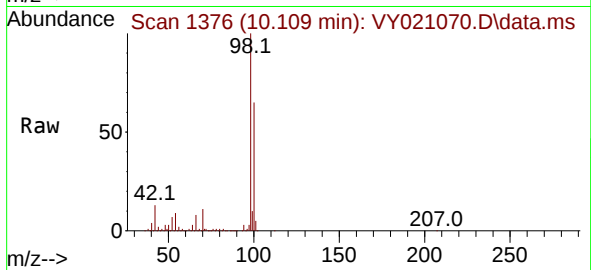




#50
Toluene-d8
Concen: 50.542 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

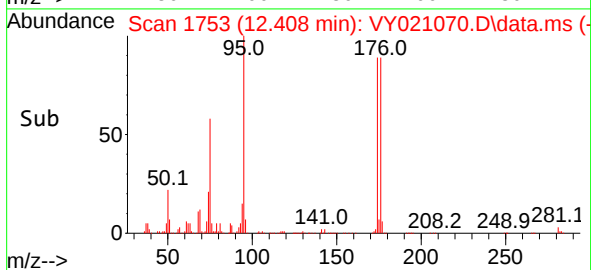
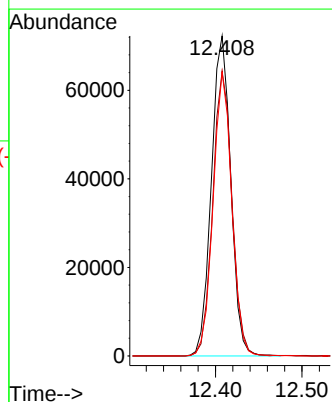
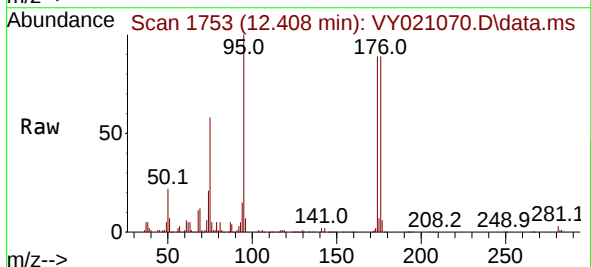
Instrument :
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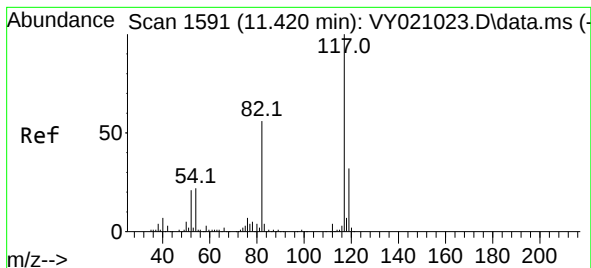
Tgt Ion: 98 Resp: 361845
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Tgt Ion: 95 Resp: 112197
Ion Ratio Lower Upper
95 100
174 88.7 0.0 160.0
176 85.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

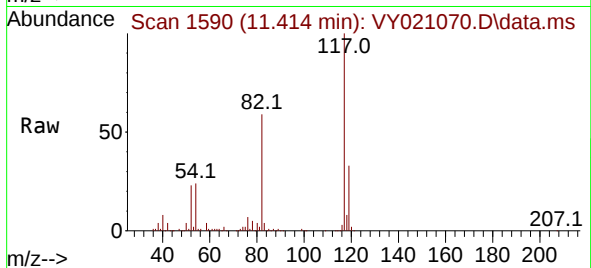
Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :



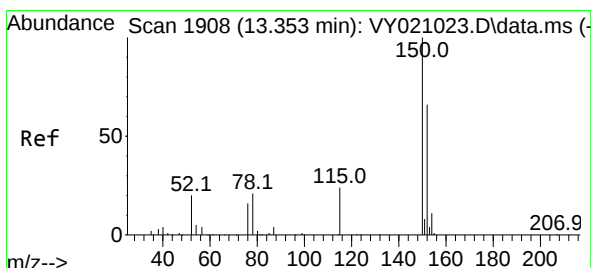
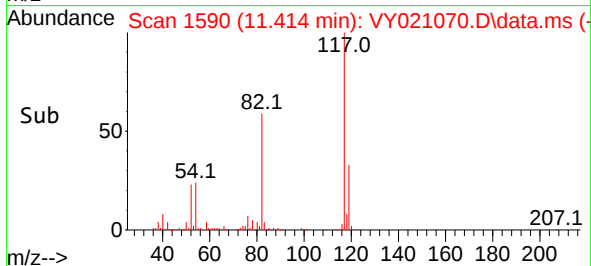
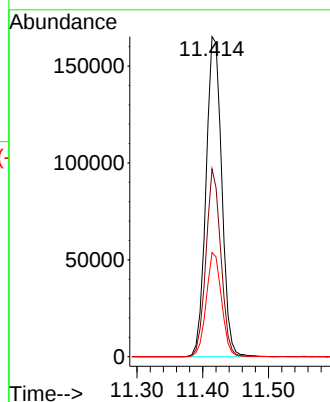
Tgt Ion:117 Resp: 274614

Ion Ratio Lower Upper

117 100

82 58.7 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021070.D

Acq: 04 Feb 2025 19:44

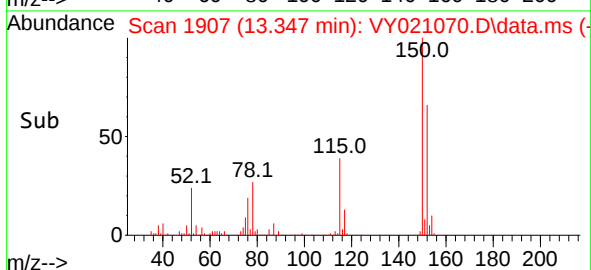
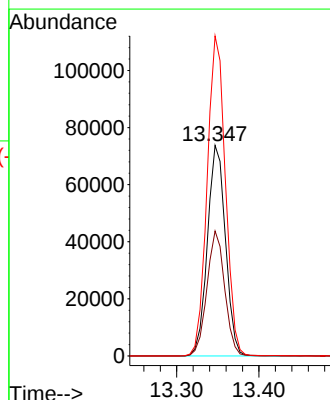
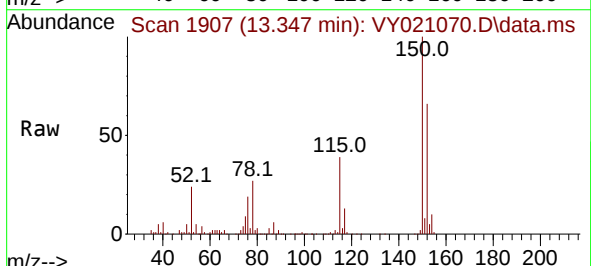
Tgt Ion:152 Resp: 112399

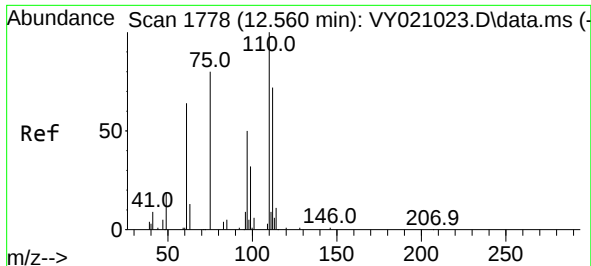
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 153.7 0.0 344.6

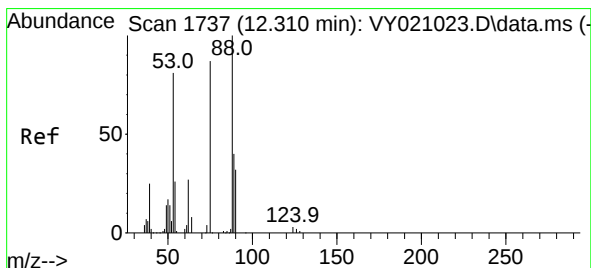
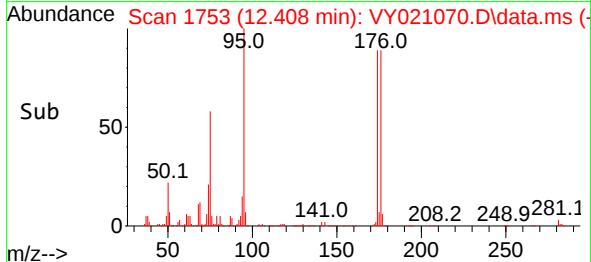
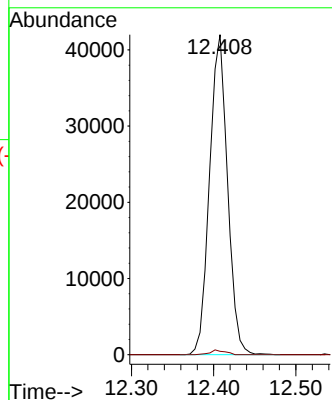
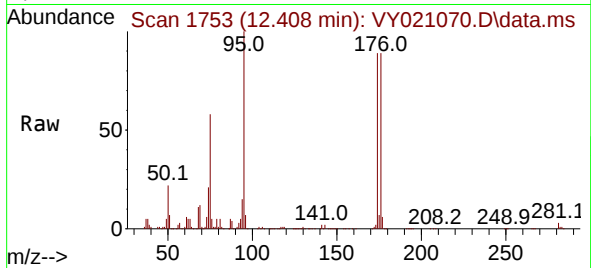




#76
1,2,3-Trichloropropane
Concen: 62.527 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63752
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.584 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021070.D
Acq: 04 Feb 2025 19:44

Tgt Ion: 75 Resp: 63752
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

