

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021061.D
 Acq On : 04 Feb 2025 16:13
 Operator : SY/MD
 Sample : Q1235-01
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:48:19 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)

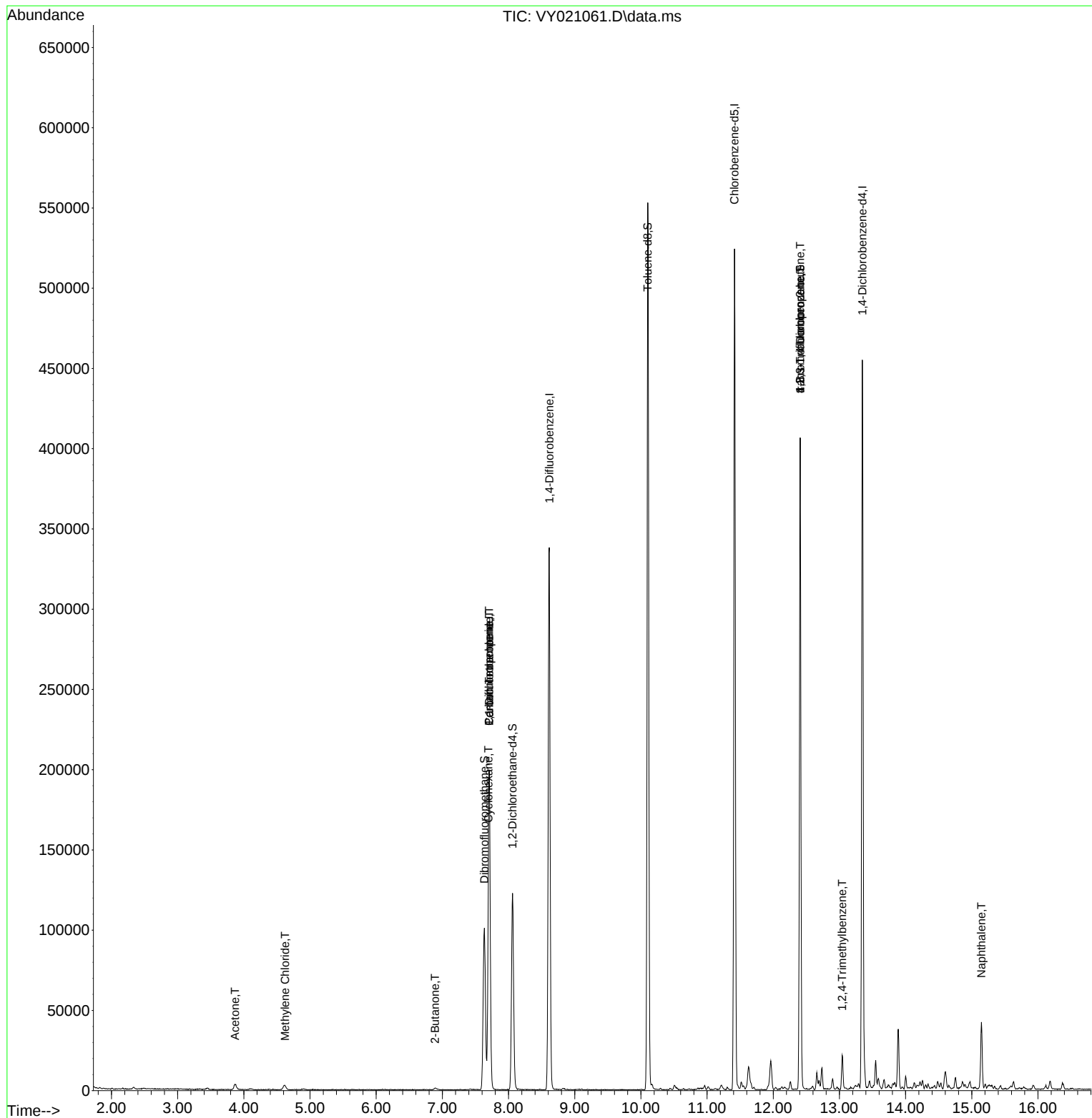
Internal Standards						
1) Pentafluorobenzene	7.707	168	148620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	281249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	265453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97710	64.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.340%	
35) Dibromofluoromethane	7.634	113	71221	39.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.020%	
50) Toluene-d8	10.103	98	345798	50.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.408	95	114797	51.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	6129	25.810	ug/l	95
20) Methylene Chloride	4.622	84	2058	1.394	ug/l #	84
25) 2-Butanone	6.890	43	1085	2.780	ug/l #	79
31) Cyclohexane	7.695	56	3540	1.363	ug/l #	62
36) 1,1-Dichloropropene	7.707	75	11687	4.378	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16070	5.152	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	63502	62.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	63502	128.049	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.042	105	10825	1.567	ug/l	98
95) Naphthalene	15.145	128	32250	10.746	ug/l	98

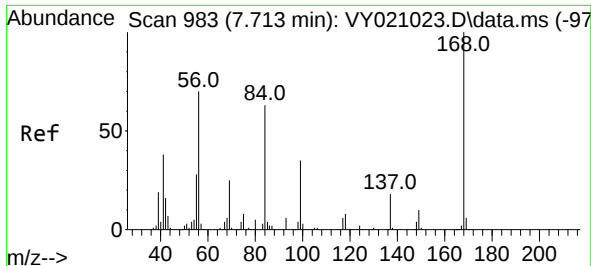
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
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Response via : Initial Calibration

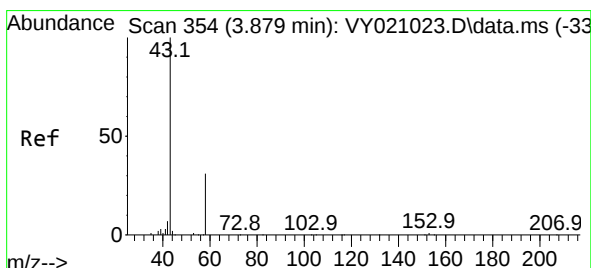
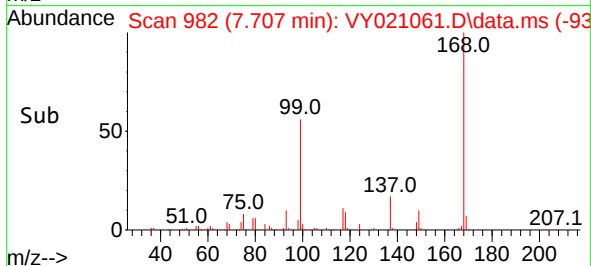
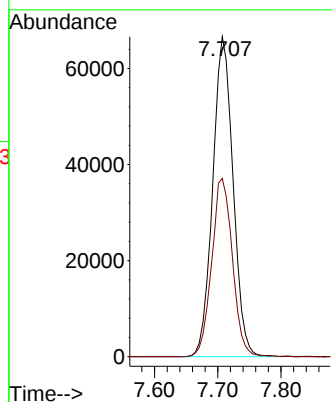
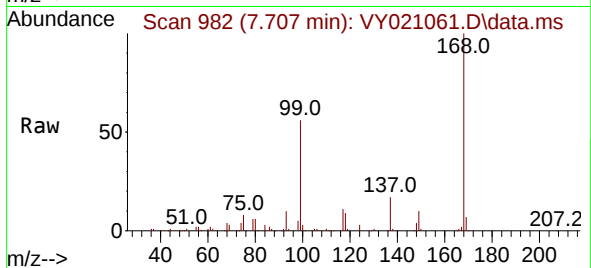




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

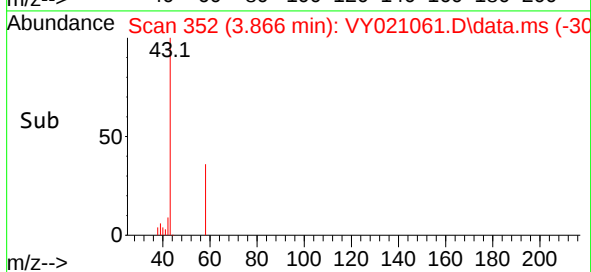
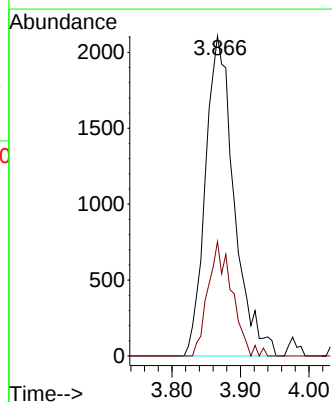
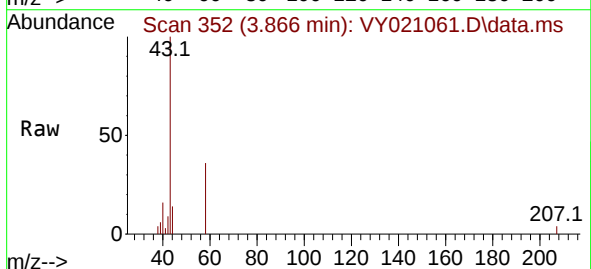
Instrument :
MSVOA_Y
ClientSampleId :

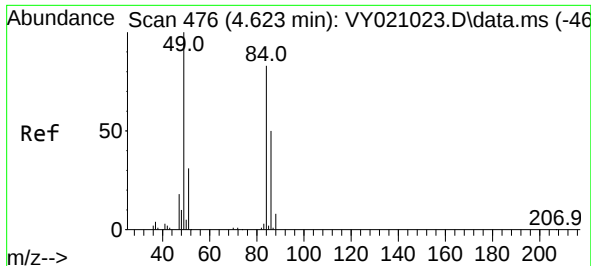
Tgt Ion:168 Resp: 148620
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 25.810 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

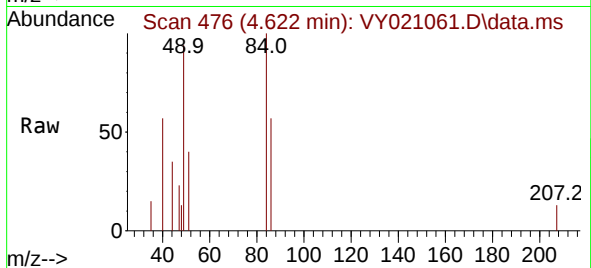
Tgt Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
58 35.8 26.6 39.8





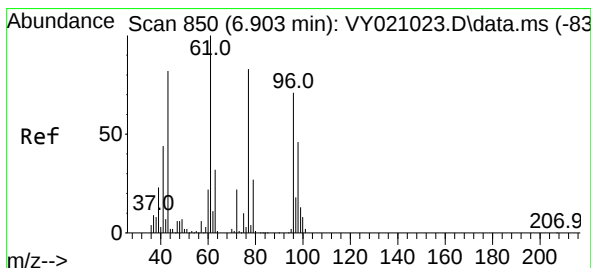
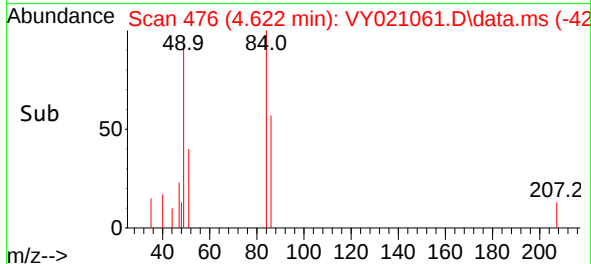
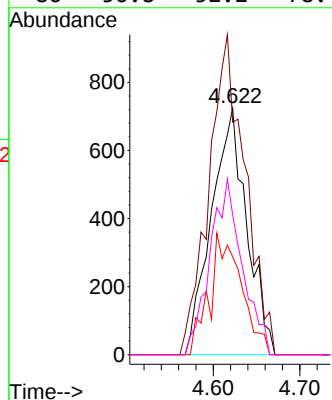
#20
Methylene Chloride
Concen: 1.394 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2058

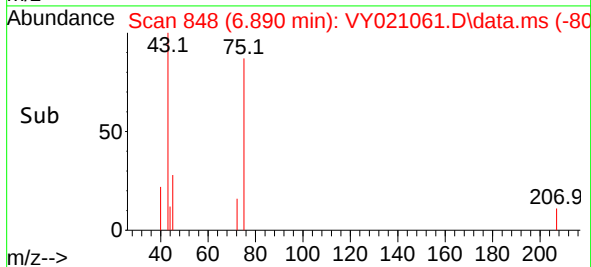
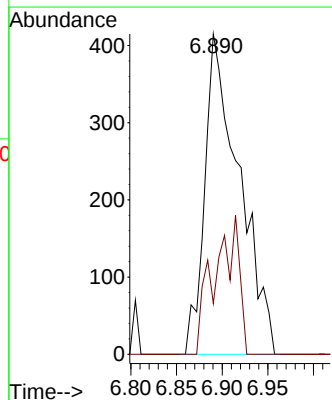
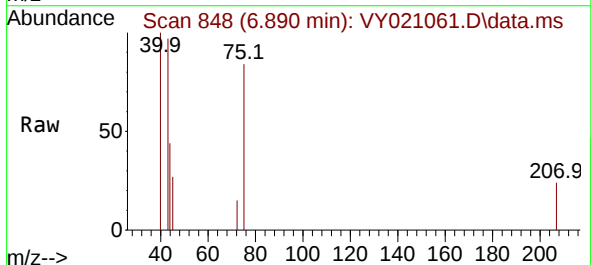
Ion	Ratio	Lower	Upper
84	100		
49	94.3	95.2	142.8#
51	39.8	29.9	44.9
86	56.8	52.2	78.4

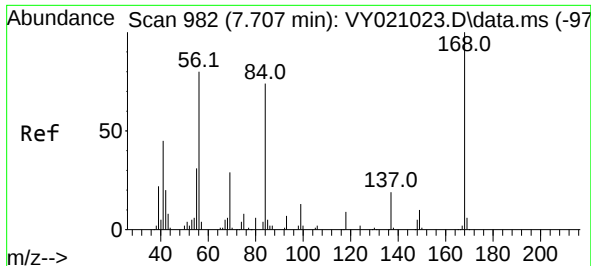


#25
2-Butanone
Concen: 2.780 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 43 Resp: 1085

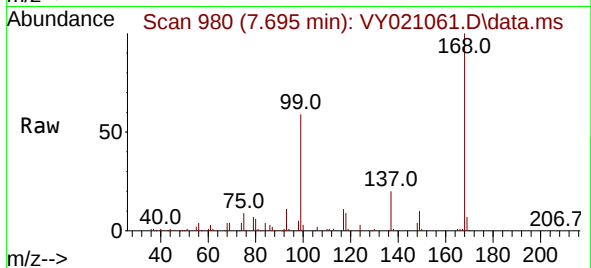
Ion	Ratio	Lower	Upper
43	100		
72	15.9	21.4	32.2#



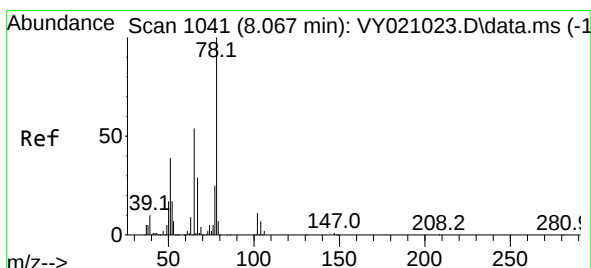
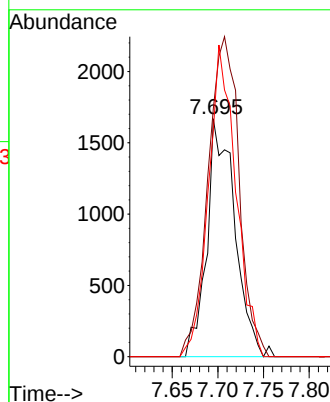
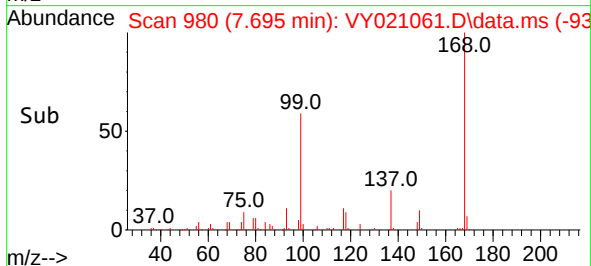


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

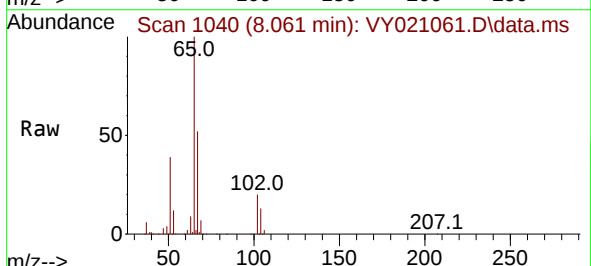
Instrument :
MSVOA_Y
ClientSampleId :



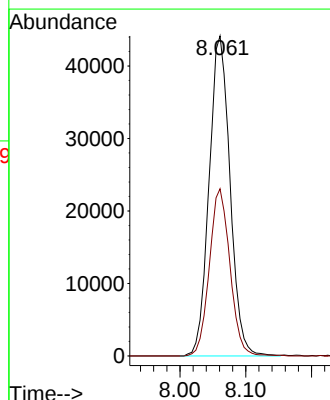
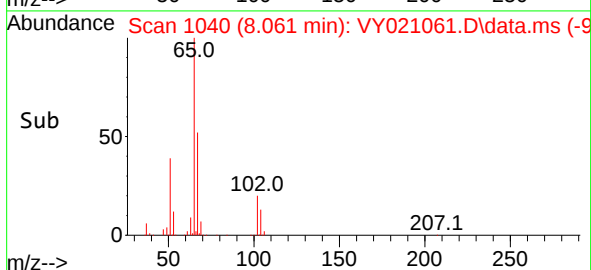
Tgt Ion: 56 Resp: 3540
Ion Ratio Lower Upper
56 100
69 104.2 27.0 40.6#
84 95.0 71.8 107.6

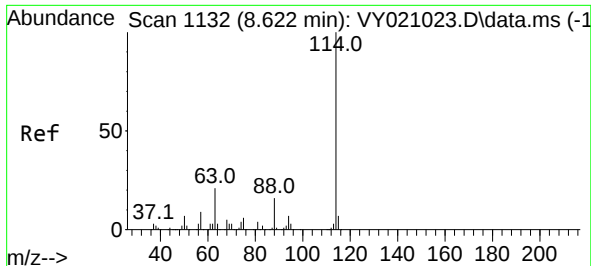


#33
1,2-Dichloroethane-d4
Concen: 64.168 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13



Tgt Ion: 65 Resp: 97710
Ion Ratio Lower Upper
65 100
67 51.4 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: VY021061.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_Y

ClientSampleId :

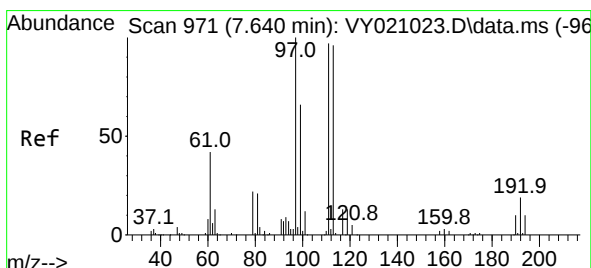
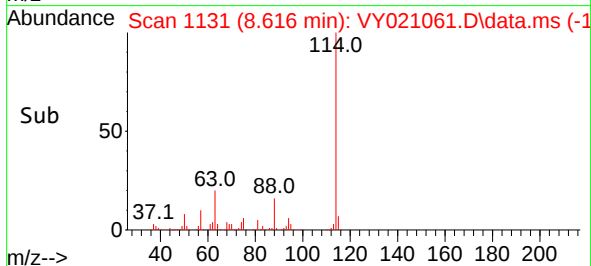
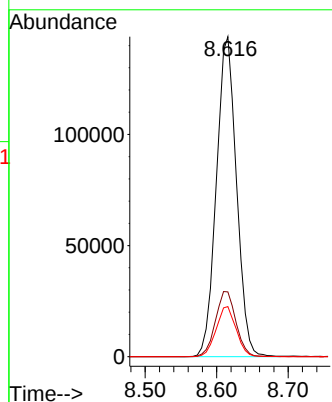
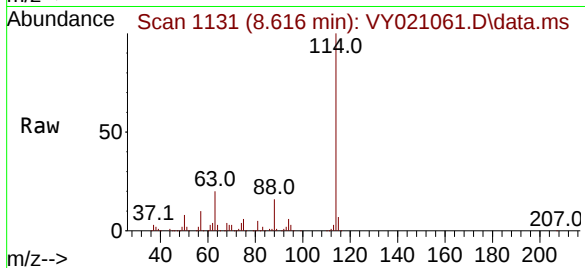
Tgt Ion:114 Resp: 281249

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.514 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021061.D

Acq: 04 Feb 2025 16:13

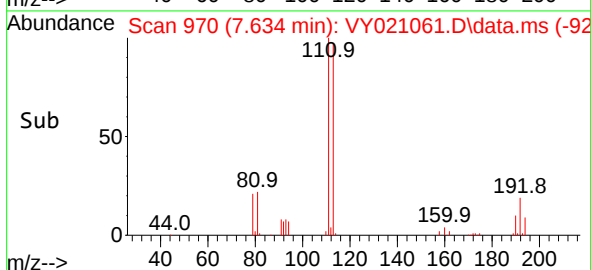
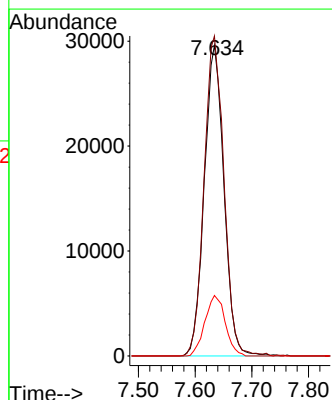
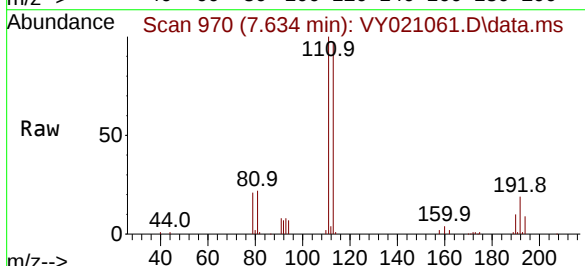
Tgt Ion:113 Resp: 71221

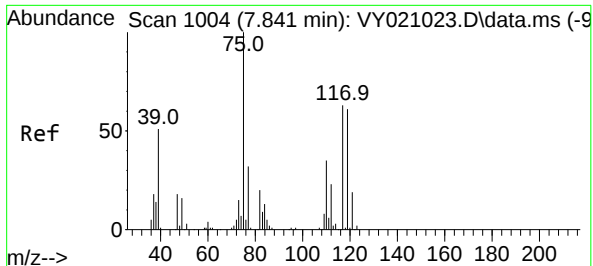
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 20.2 14.5 21.7

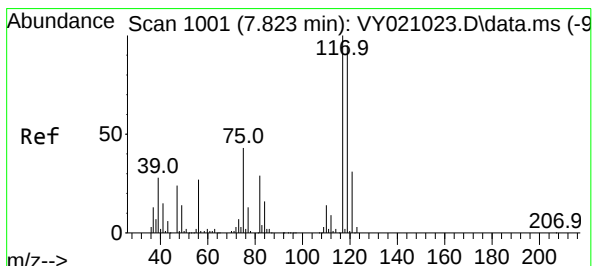
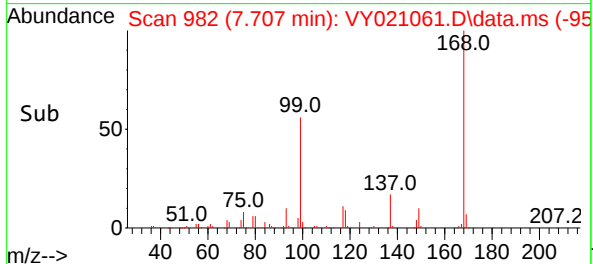
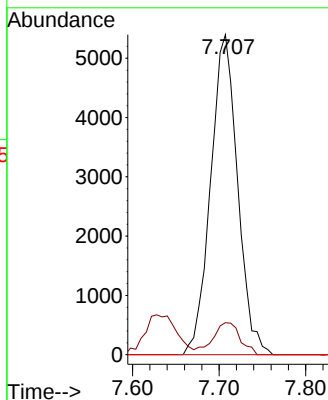
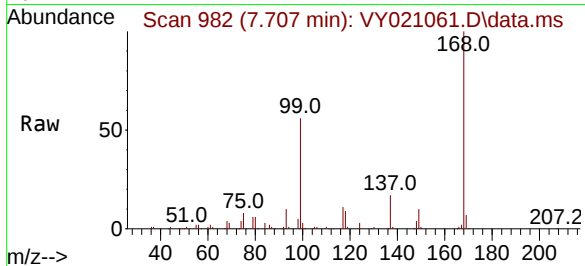




#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

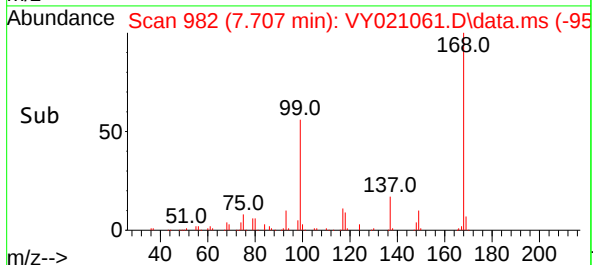
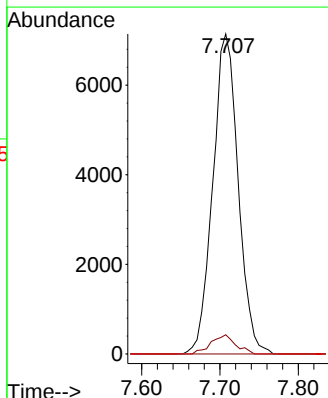
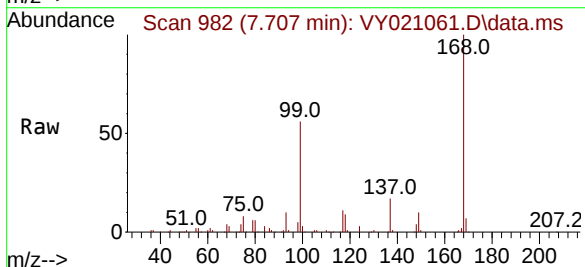
Instrument :
MSVOA_Y
ClientSampleId :

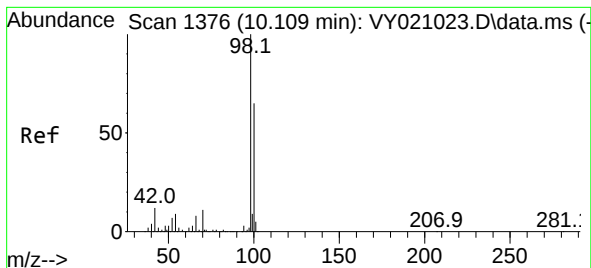
Tgt Ion: 75 Resp: 11687
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.152 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 117 Resp: 16070
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.2 36.2#

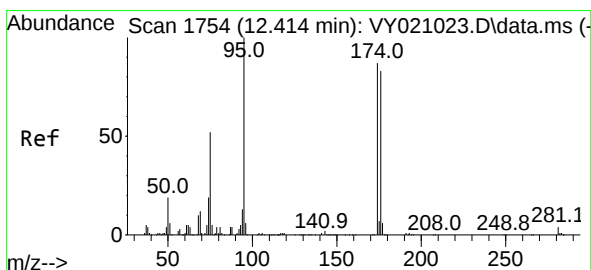
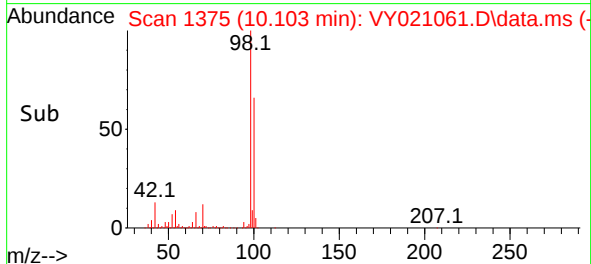
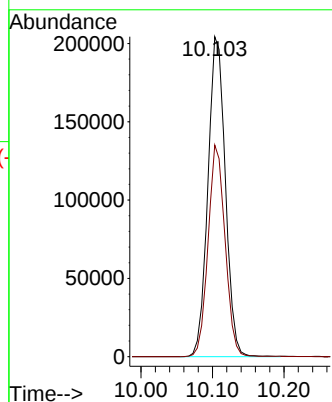
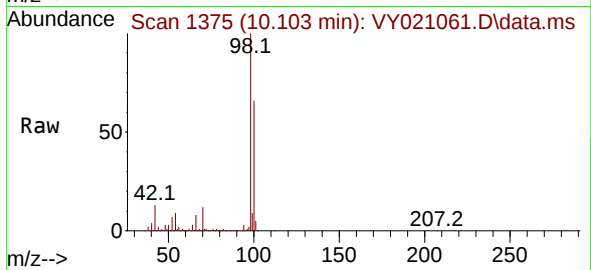




#50
Toluene-d8
Concen: 50.393 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

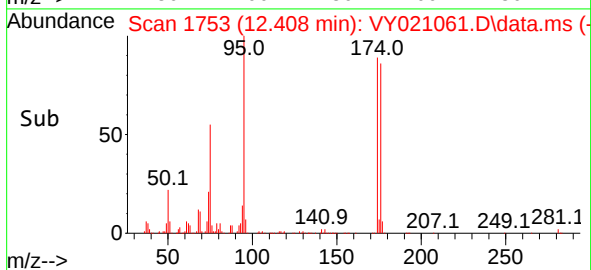
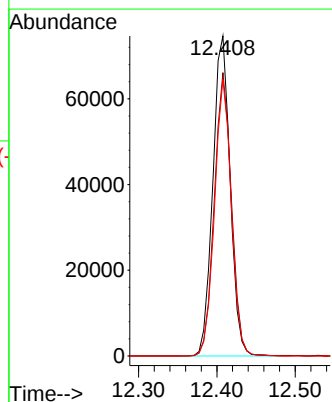
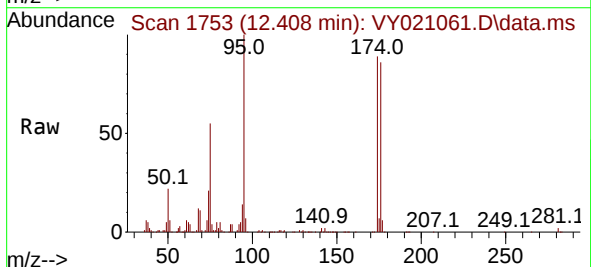
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MSVOA_Y
ClientSampleId :

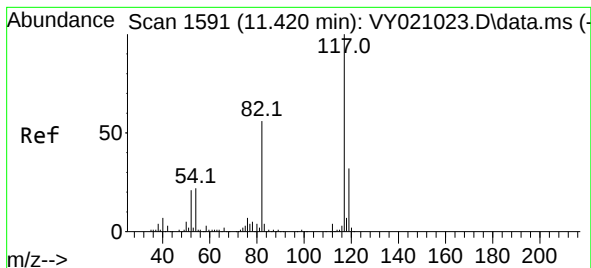
Tgt Ion: 98 Resp: 345798
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 95 Resp: 114797
Ion Ratio Lower Upper
95 100
174 87.6 0.0 160.0
176 83.9 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: VY021061.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_Y

ClientSampleId :

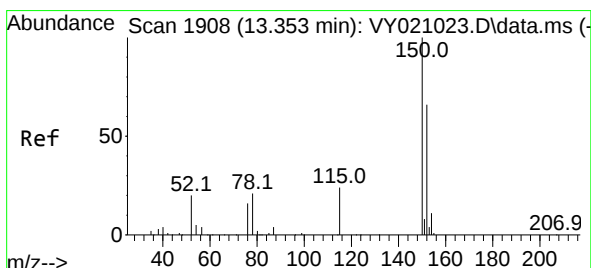
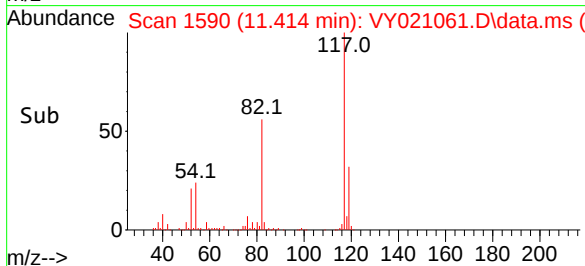
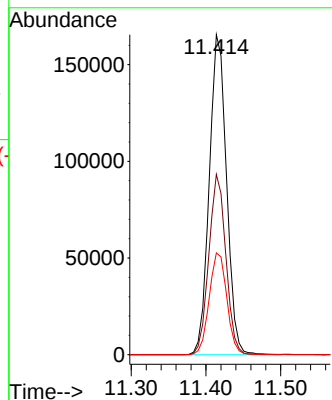
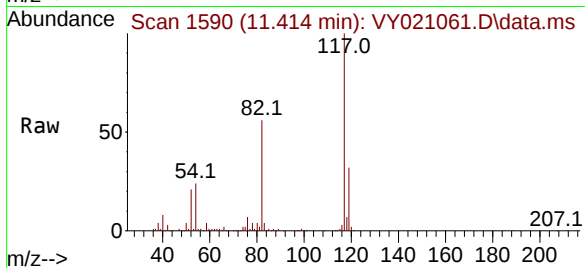
Tgt Ion:117 Resp: 265453

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.8 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: VY021061.D

Acq: 04 Feb 2025 16:13

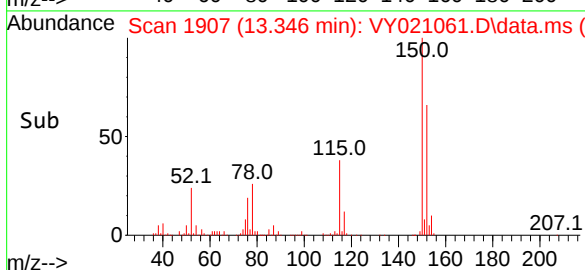
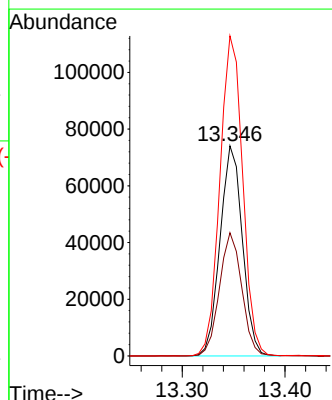
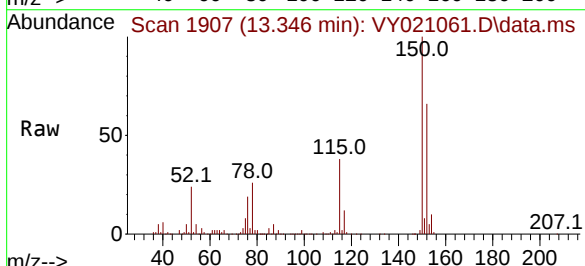
Tgt Ion:152 Resp: 111552

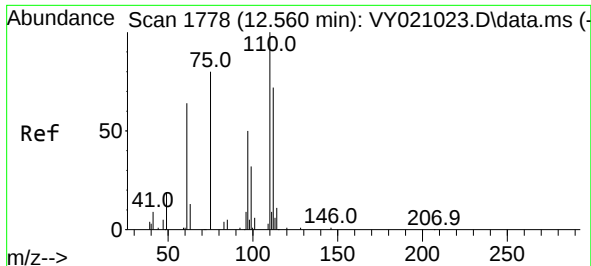
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 155.3 0.0 344.6

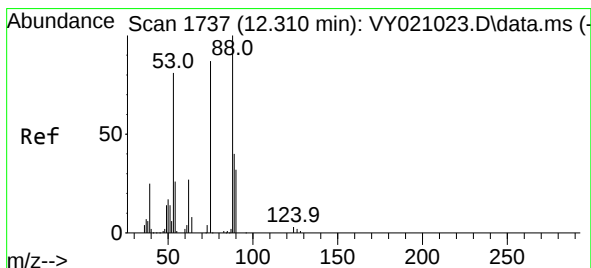
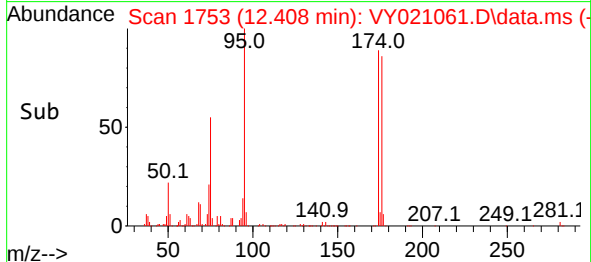
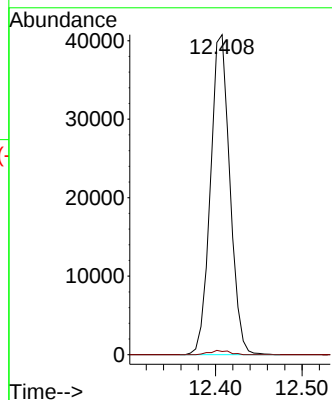
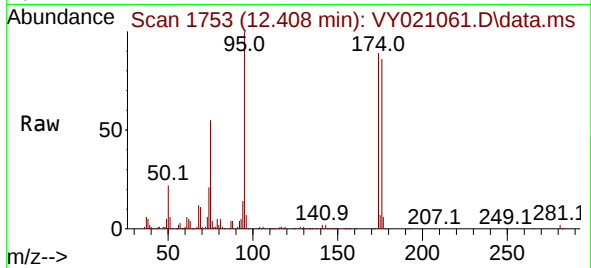




#76
1,2,3-Trichloropropane
Concen: 62.754 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

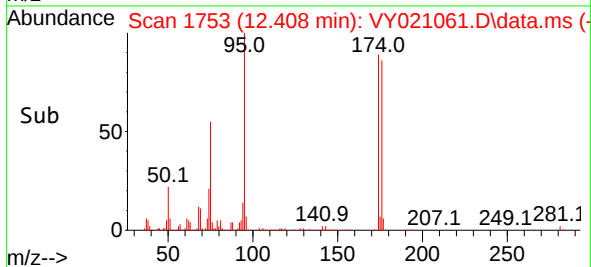
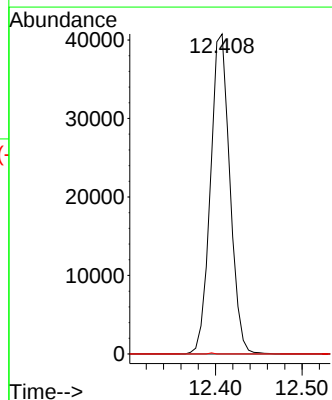
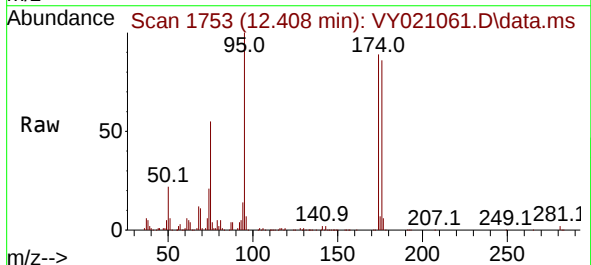
Instrument :
MSVOA_Y
ClientSampleId :

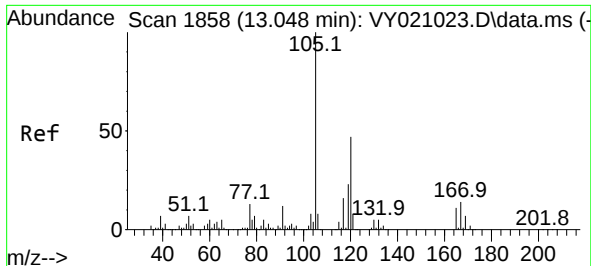
Tgt Ion: 75 Resp: 63502
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.049 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 75 Resp: 63502
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

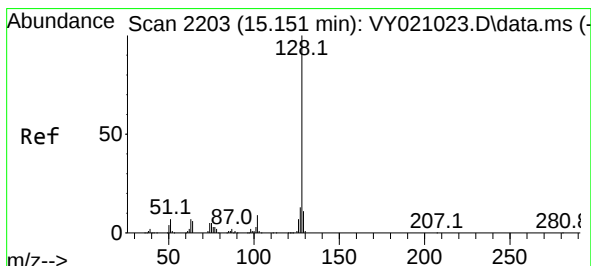
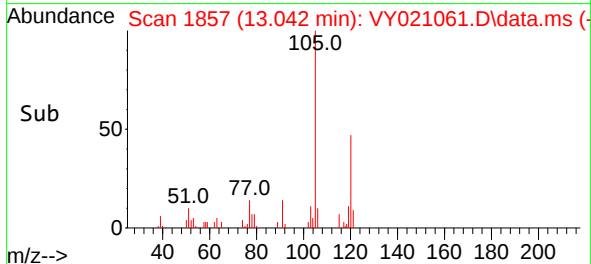
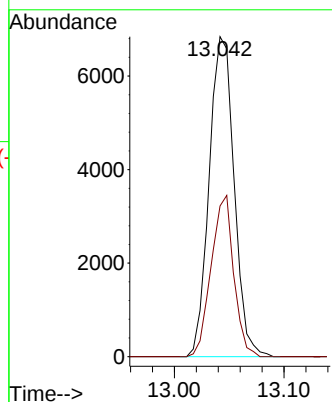
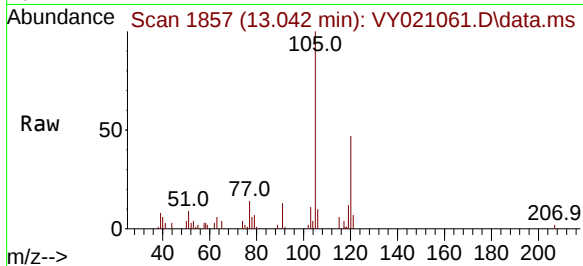




#84
1,2,4-Trimethylbenzene
Concen: 1.567 ug/l
RT: 13.042 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 10825
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3



#95
Naphthalene
Concen: 10.746 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021061.D
Acq: 04 Feb 2025 16:13

Tgt Ion:128 Resp: 32250
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 12.0 8.6 12.8

