

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020092.D
 Acq On : 31 Oct 2024 14:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

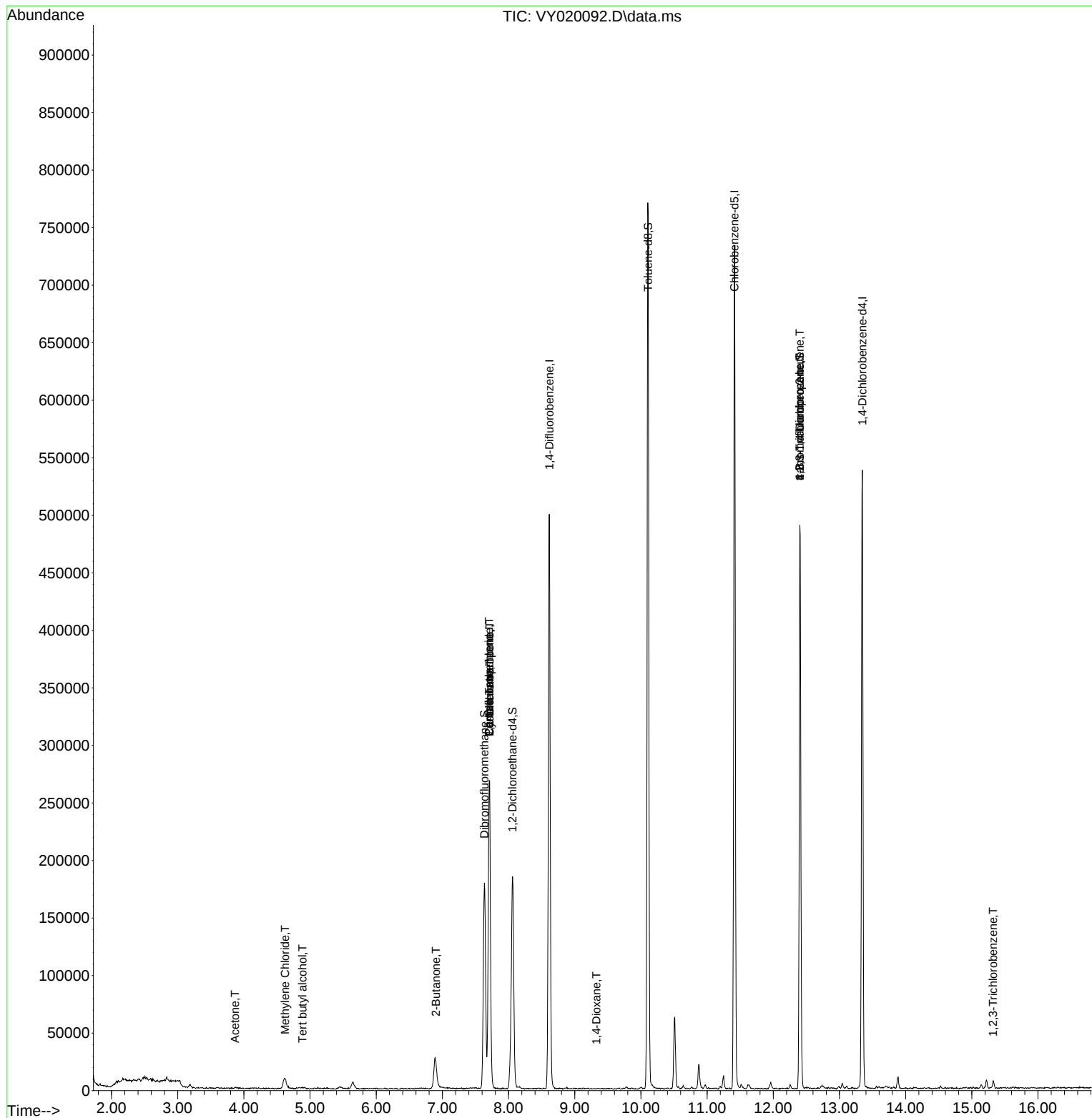
Internal Standards						
1) Pentafluorobenzene	7.707	168	189280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	392065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	356957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	126906	53.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.440%	
35) Dibromofluoromethane	7.634	113	126720	50.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.109	98	482571	48.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.401	95	142892	44.337	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.884	59	419	2.466	ug/l	# 88
16) Acetone	3.866	43	655	1.192	ug/l	# 57
20) Methylene Chloride	4.622	84	5997	2.430	ug/l	# 87
25) 2-Butanone	6.902	43	2143	2.878	ug/l	91
31) Cyclohexane	7.713	56	6217	1.450	ug/l	# 55
36) 1,1-Dichloropropene	7.713	75	19068	4.952	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	23046	5.952	ug/l	# 18
49) 1,4-Dioxane	9.328	88	19	1.267	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	84226	73.512	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	84226	158.122	ug/l	# 16
96) 1,2,3-Trichlorobenzene	15.321	180	1860	1.170	ug/l	96

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

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MSVOA_Y
ClientSampleId :

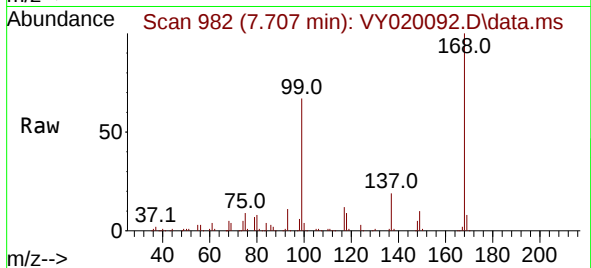
Quant Time: Nov 01 03:48:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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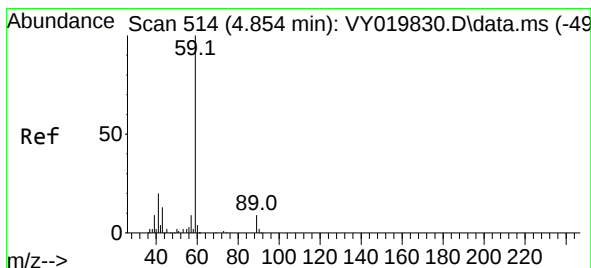
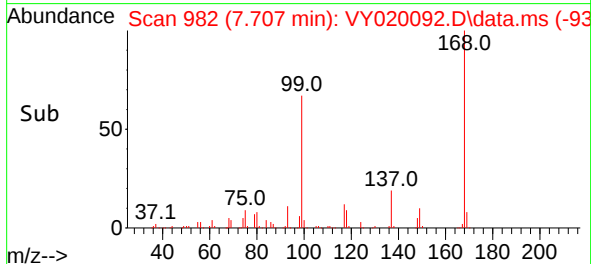
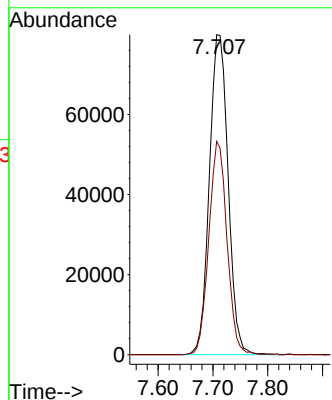


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

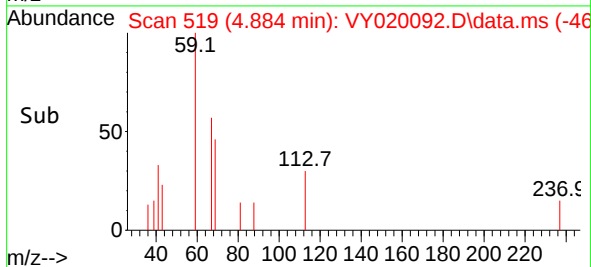
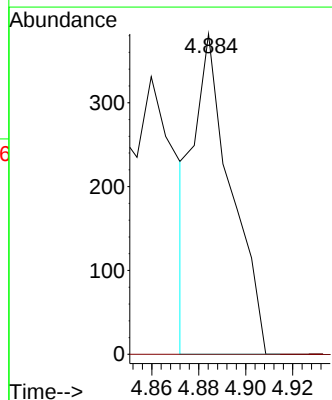
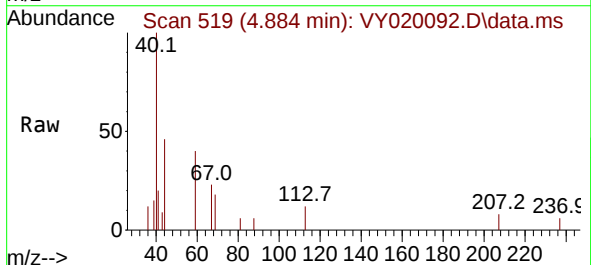


Tgt Ion:168 Resp: 189280
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.466 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.024 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

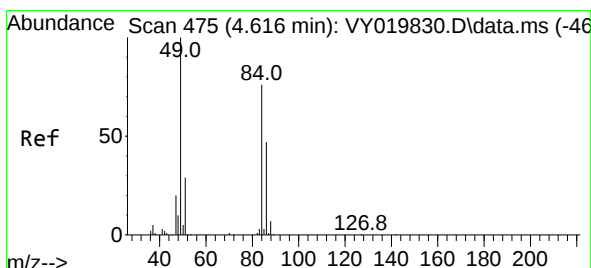
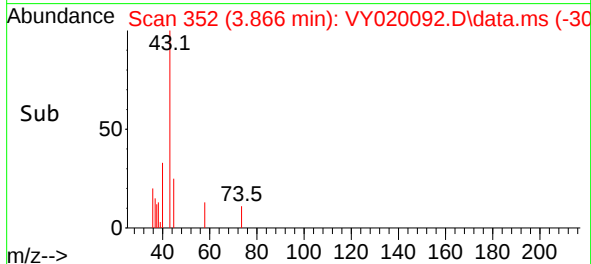
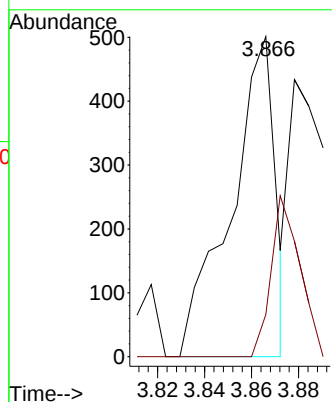
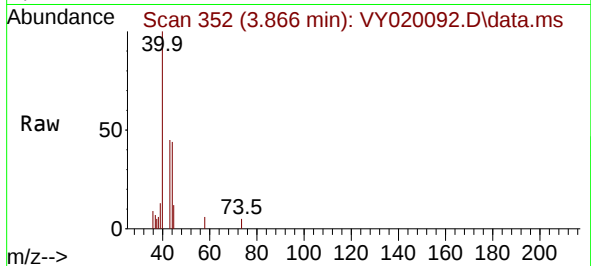




#16
Acetone
Concen: 1.192 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

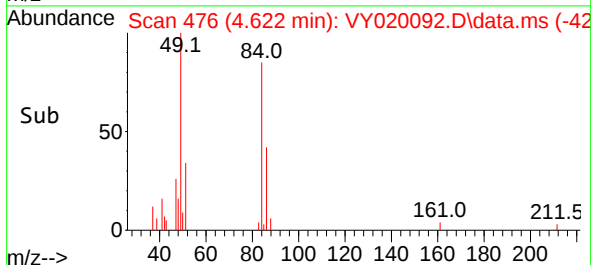
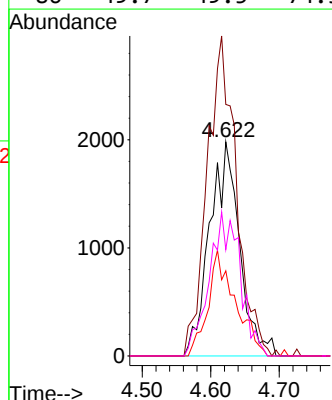
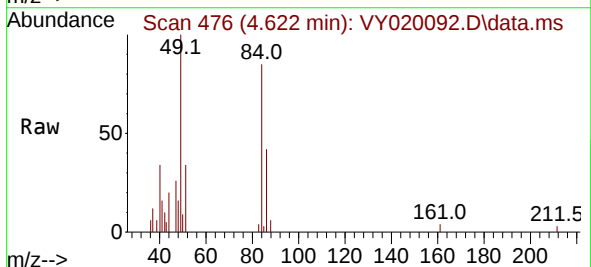
Instrument :
MSVOA_Y
ClientSampleId :

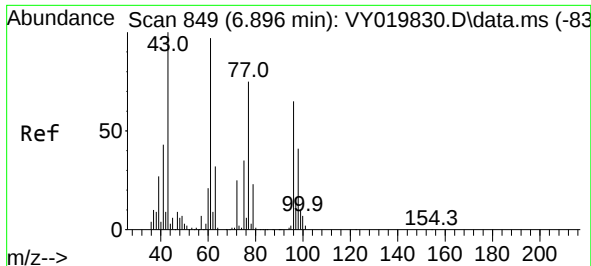
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 13.2 31.7 47.5#



#20
Methylene Chloride
Concen: 2.430 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 84 Resp: 5997
Ion Ratio Lower Upper
84 100
49 117.5 84.4 126.6
51 39.7 26.0 39.0#
86 49.7 49.5 74.3

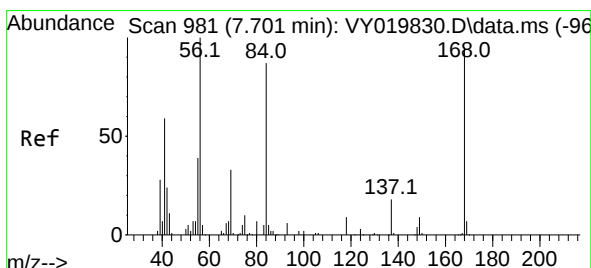
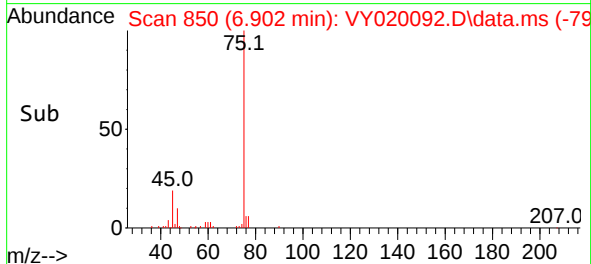
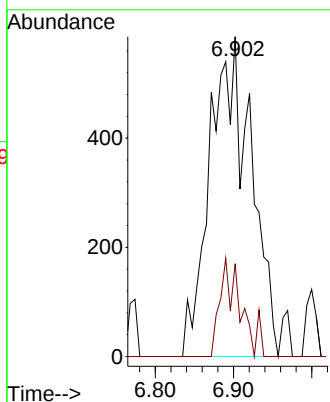
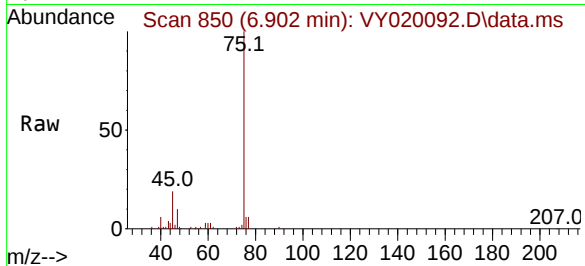




#25
2-Butanone
Concen: 2.878 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

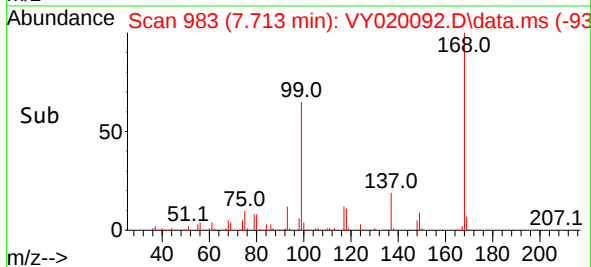
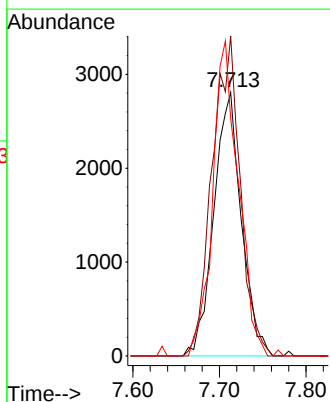
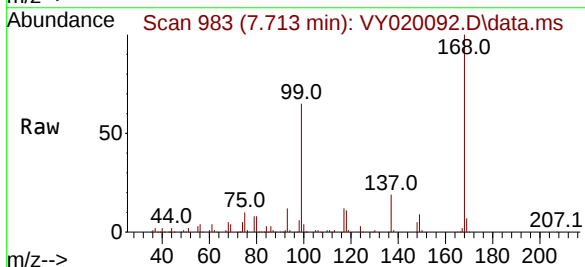
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
72 29.0 27.3 40.9



#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 56 Resp: 6217
Ion Ratio Lower Upper
56 100
69 121.4 28.7 43.1#
84 90.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.721 ug/l

RT: 8.060 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

Instrument :

MSVOA_Y

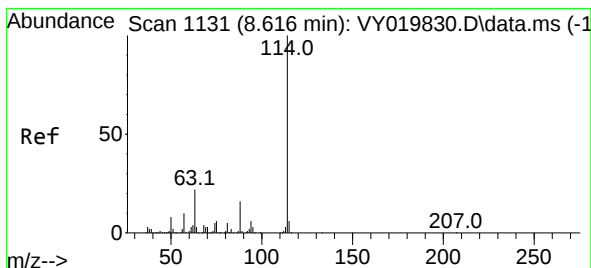
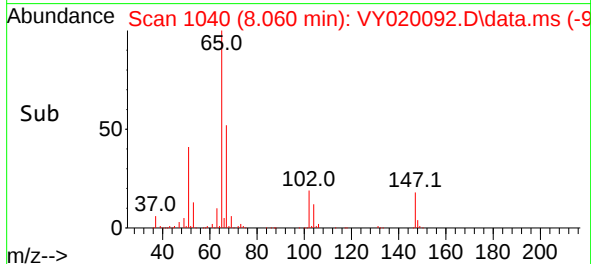
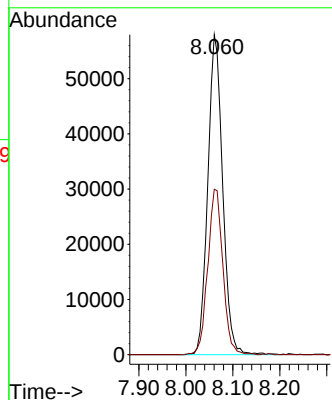
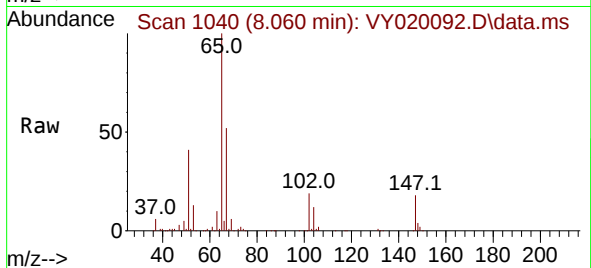
ClientSampleId :

Tgt Ion: 65 Resp: 126906

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

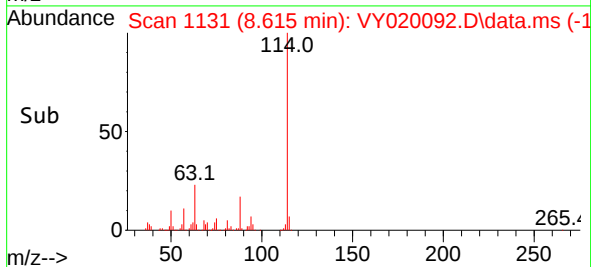
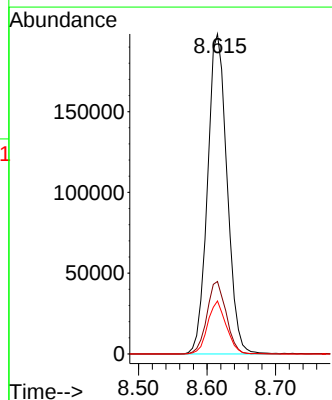
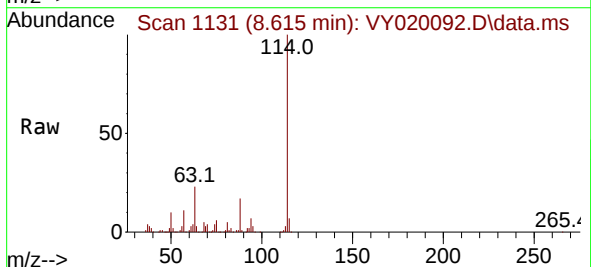
Tgt Ion: 114 Resp: 392065

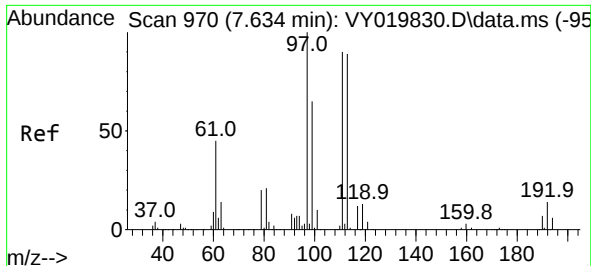
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 16.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.836 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

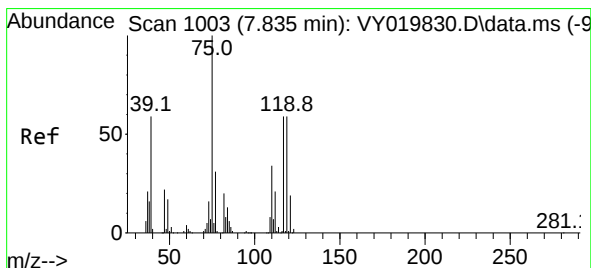
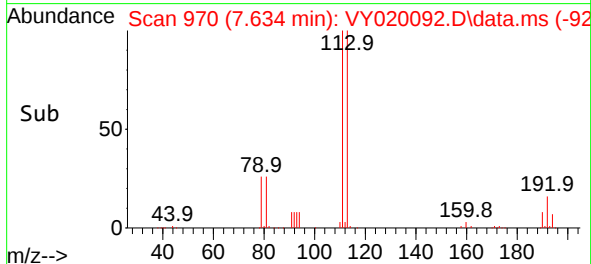
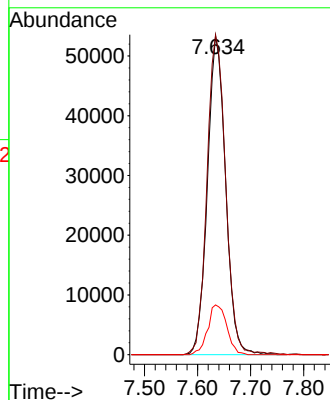
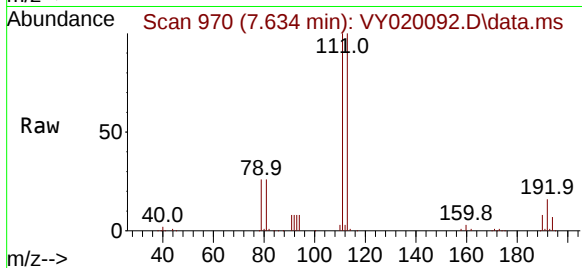
Tgt Ion:113 Resp: 126720

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 16.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.952 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

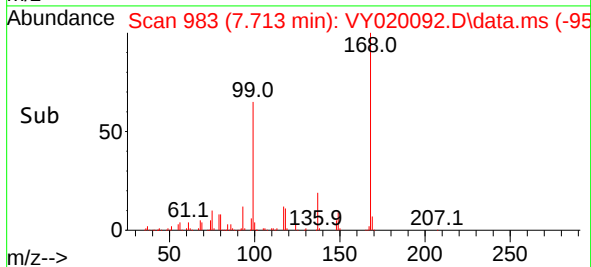
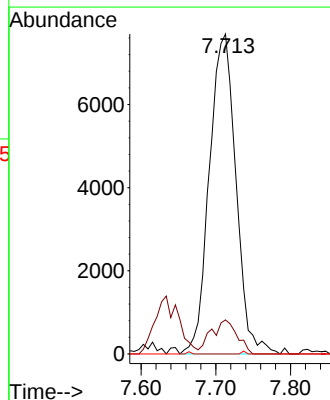
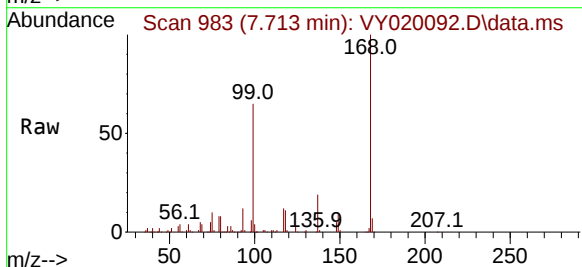
Tgt Ion: 75 Resp: 19068

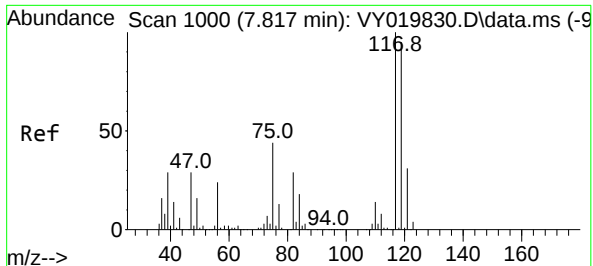
Ion Ratio Lower Upper

75 100

110 10.3 19.0 57.0#

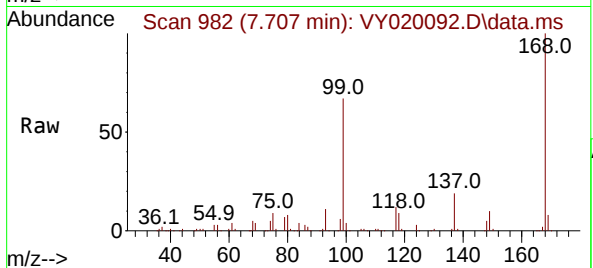
77 0.0 25.3 37.9#



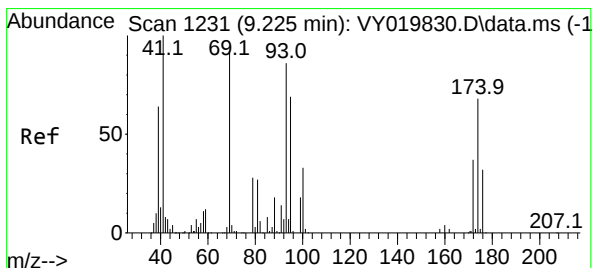
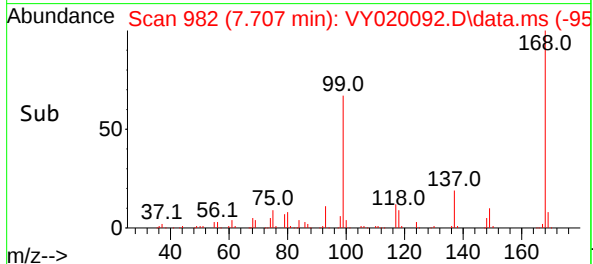
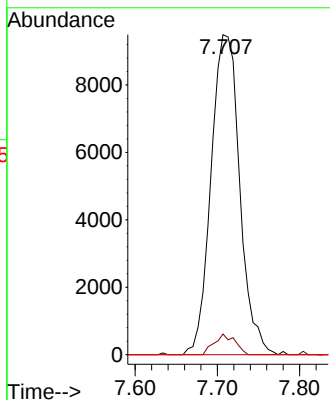


#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

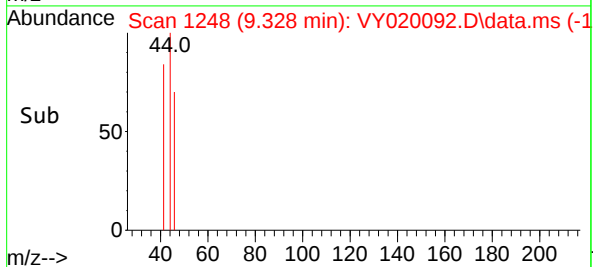
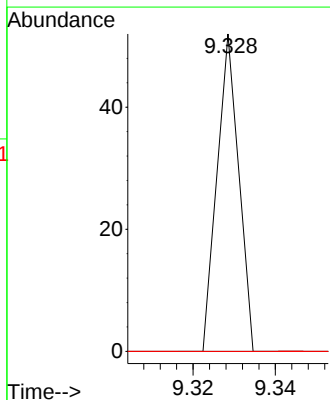
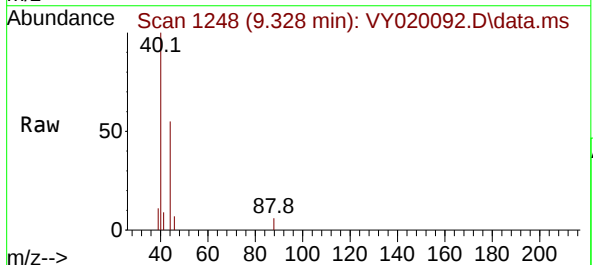


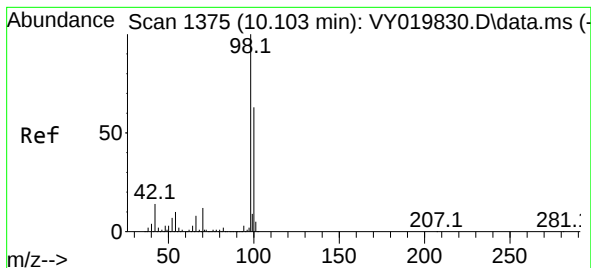
Tgt Ion:117 Resp: 23046
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.267 ug/l
RT: 9.328 min Scan# 1248
Delta R.T. 0.097 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

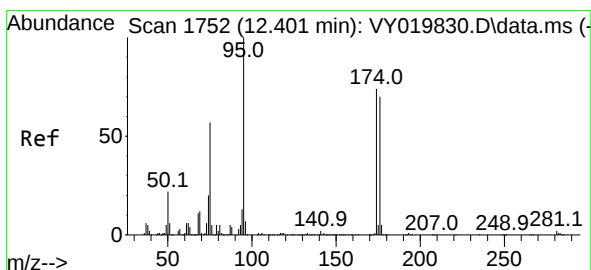
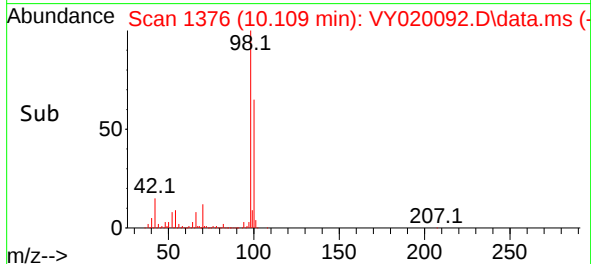
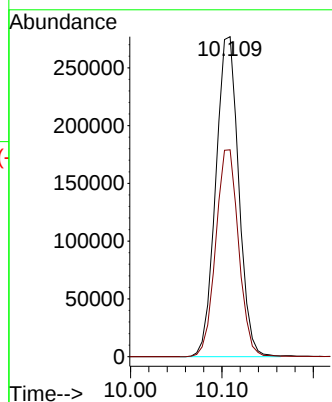
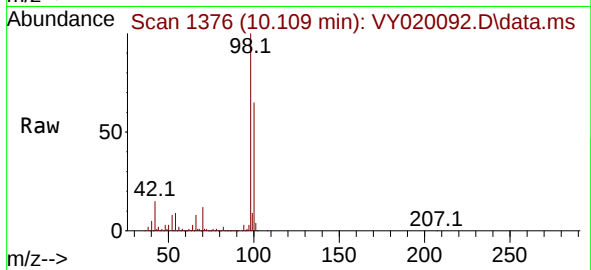




#50
Toluene-d8
Concen: 48.635 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

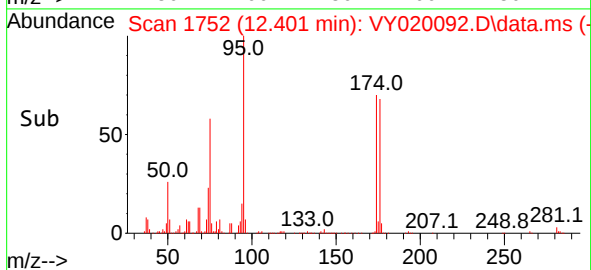
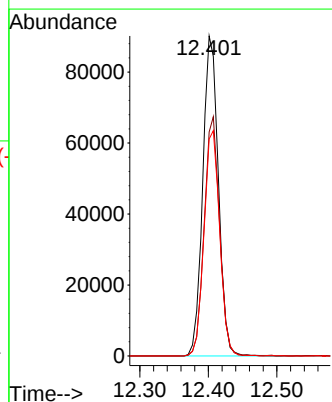
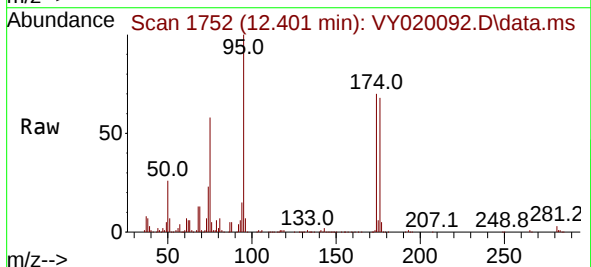
Instrument :
MSVOA_Y
ClientSampleId :

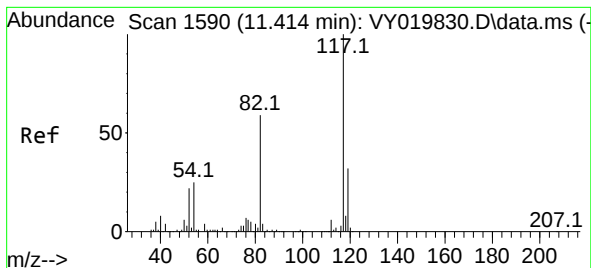
Tgt Ion: 98 Resp: 482571
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.337 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

Tgt Ion: 95 Resp: 142892
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

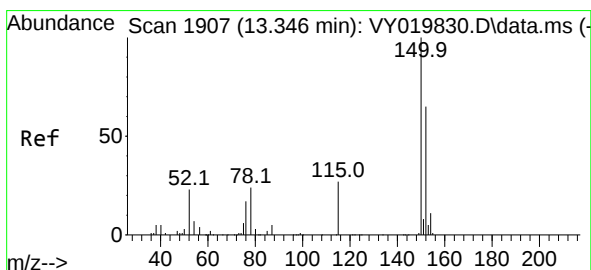
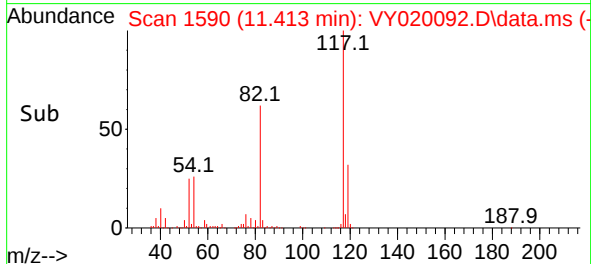
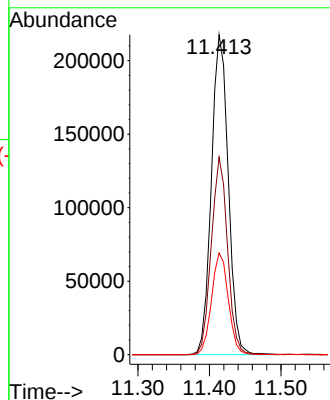
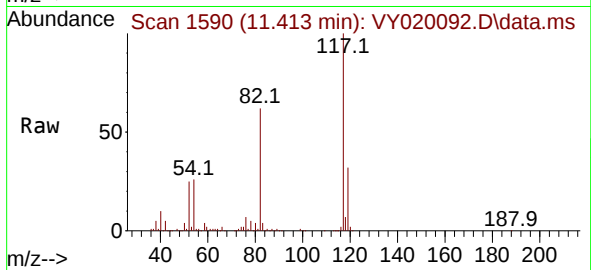
Tgt Ion:117 Resp: 356957

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020092.D

Acq: 31 Oct 2024 14:15

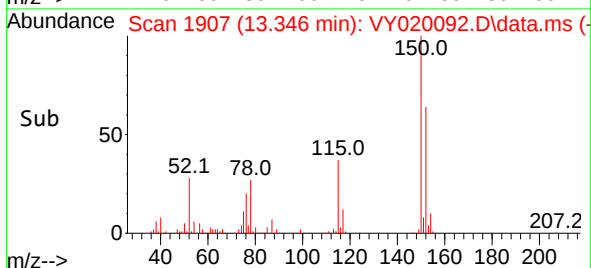
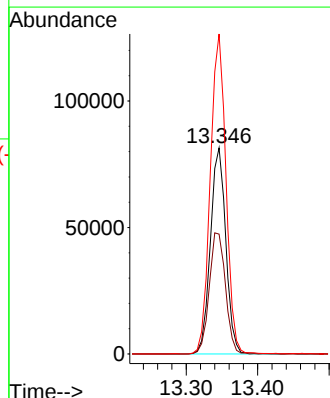
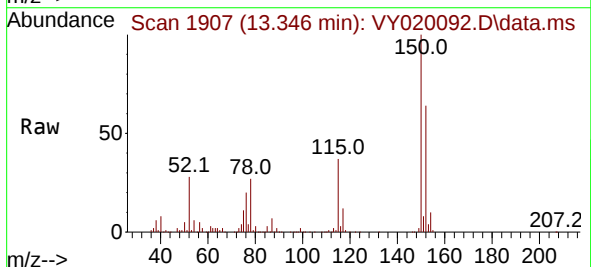
Tgt Ion:152 Resp: 122226

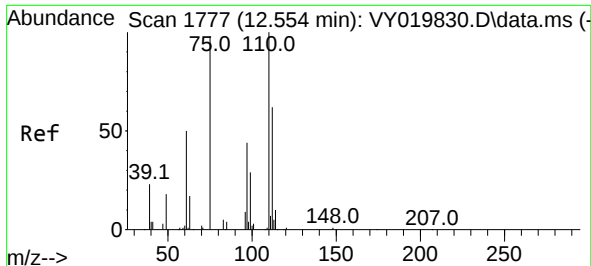
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.3 0.0 345.6

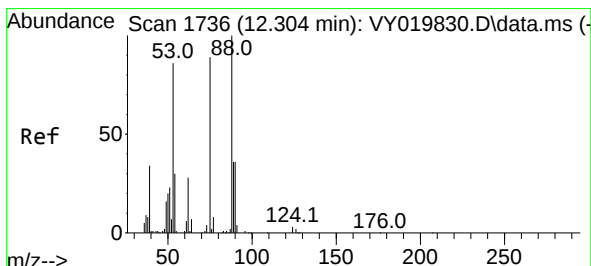
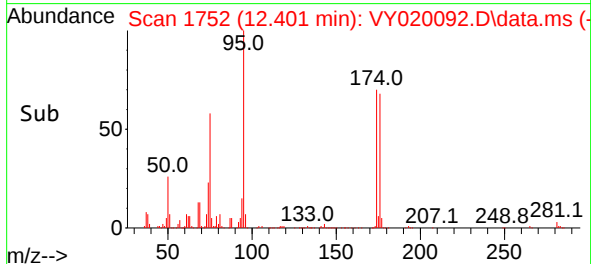
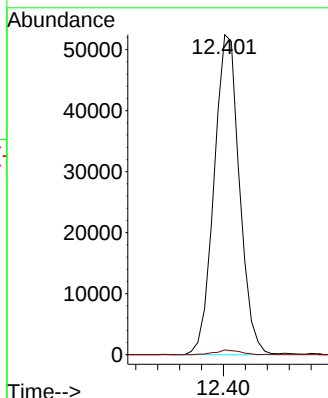
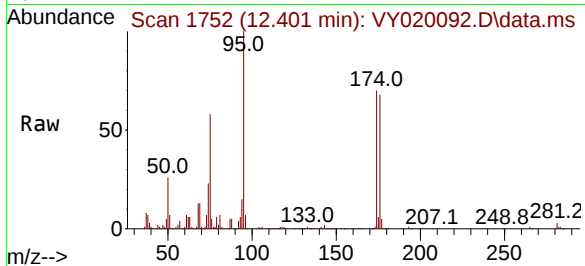




#76
1,2,3-Trichloropropane
Concen: 73.512 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

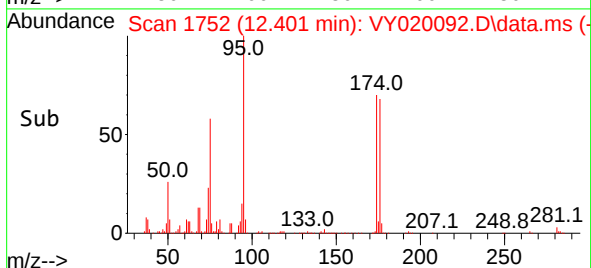
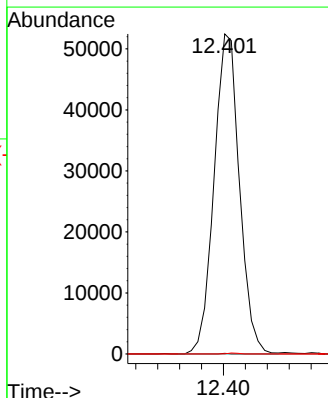
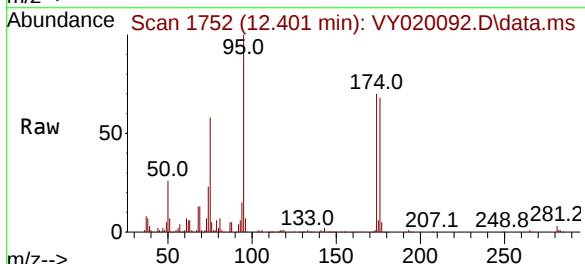
Instrument :
MSVOA_Y
ClientSampleId :

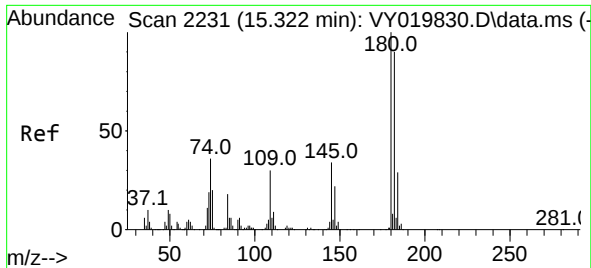
Tgt Ion: 75 Resp: 84226
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.122 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020092.D
Acq: 31 Oct 2024 14:15

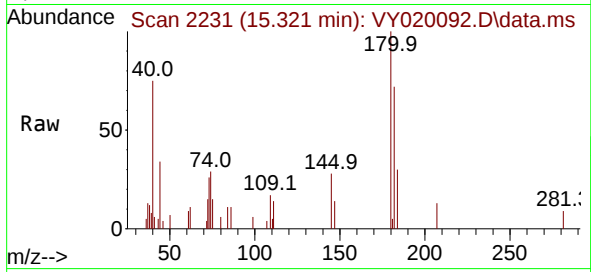
Tgt Ion: 75 Resp: 84226
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.170 ug/l
 RT: 15.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020092.D
 Acq: 31 Oct 2024 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1860
Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.6	142.9
145	32.0	15.4	46.1

