

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020026.D
 Acq On : 25 Oct 2024 15:09
 Operator : SY/MD
 Sample : P4545-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:22:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

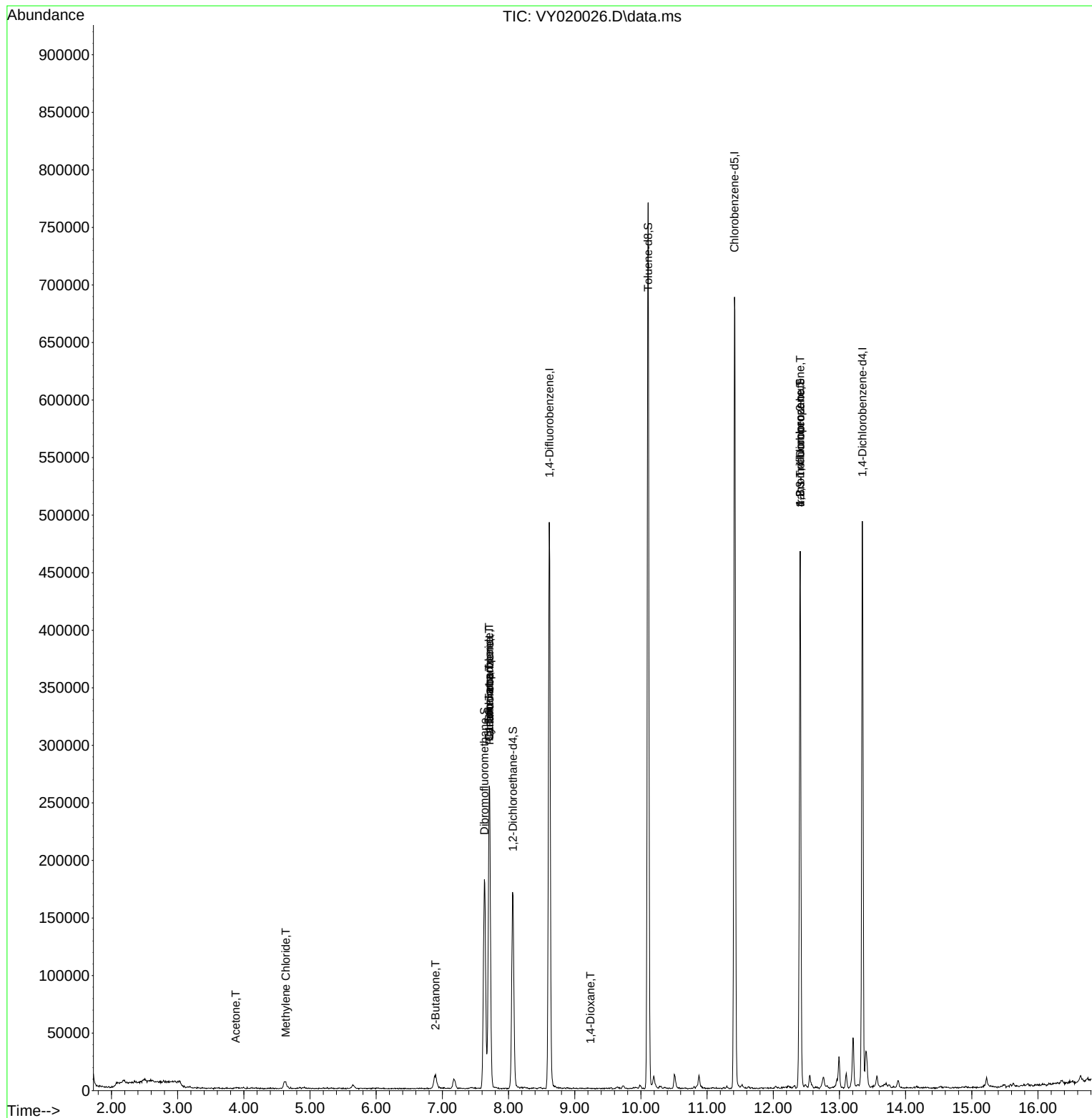
Internal Standards						
1) Pentafluorobenzene	7.713	168	183812	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	385462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	341816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	130358	57.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.200%	
35) Dibromofluoromethane	7.634	113	126523	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.109	98	472262	50.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.408	95	134923	39.753	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	223	Below Cal	#	88
16) Acetone	3.879	43	766	1.300	ug/l #	84
20) Methylene Chloride	4.635	84	3903	1.003	ug/l #	84
25) 2-Butanone	6.896	43	942	1.194	ug/l #	41
31) Cyclohexane	7.707	56	5681	1.502	ug/l #	9
36) 1,1-Dichloropropene	7.707	75	18702	5.103	ug/l #	49
38) Carbon Tetrachloride	7.707	117	20230	5.150	ug/l #	16
49) 1,4-Dioxane	9.237	88	68	4.006	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	81221	39.018	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	81221	157.492	ug/l #	17

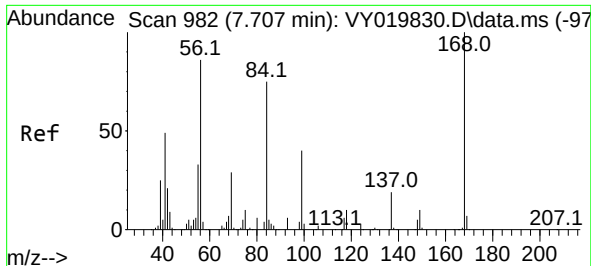
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Oct 26 00:22:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
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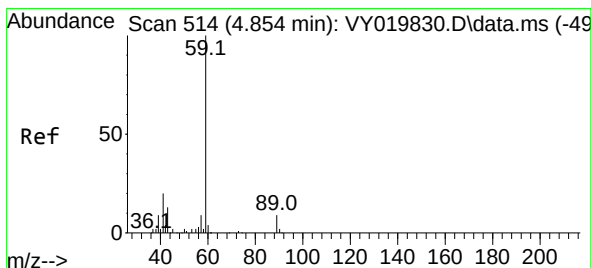
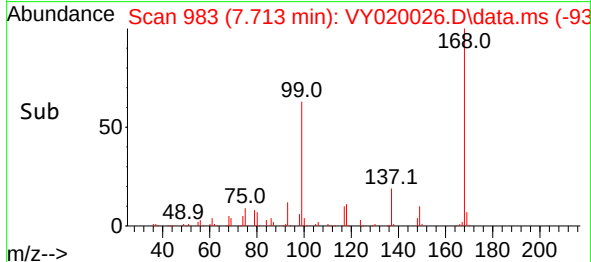
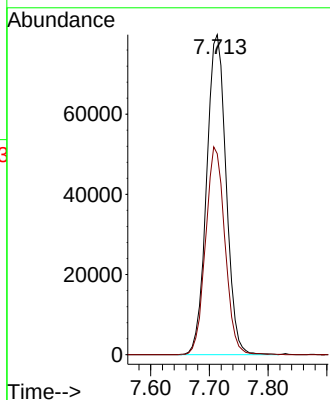
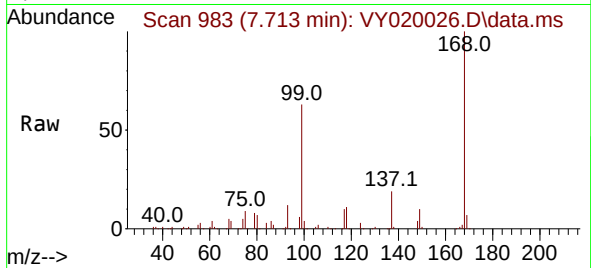




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

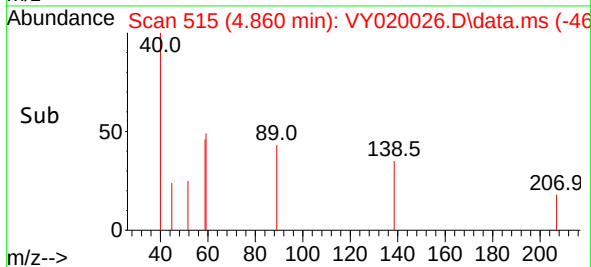
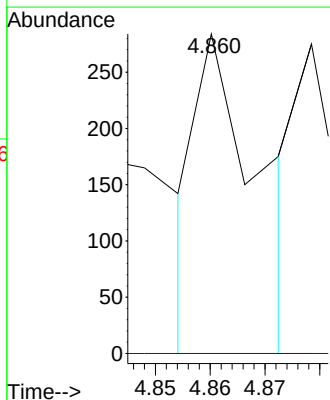
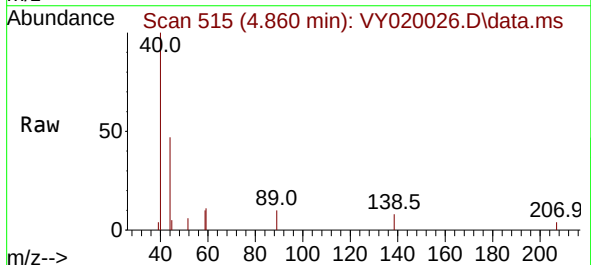
Instrument :
MSVOA_Y
ClientSampleId :

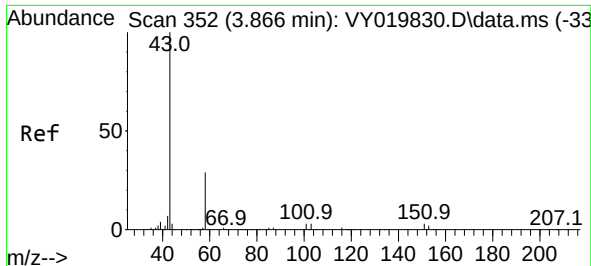
Tgt Ion:168 Resp: 183812
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

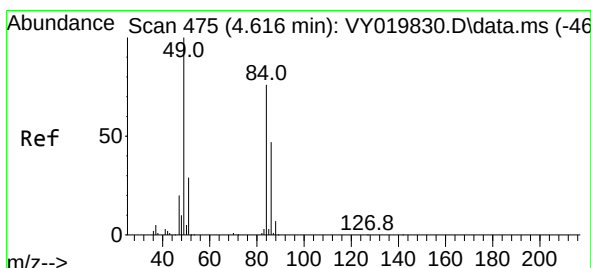
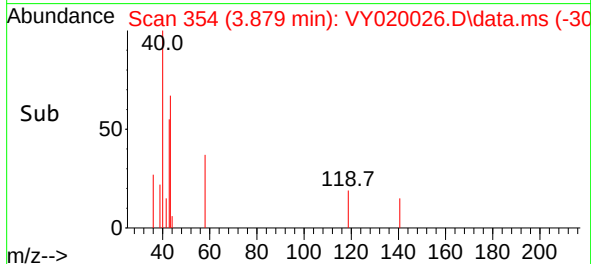
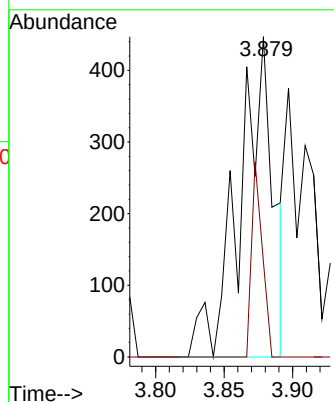
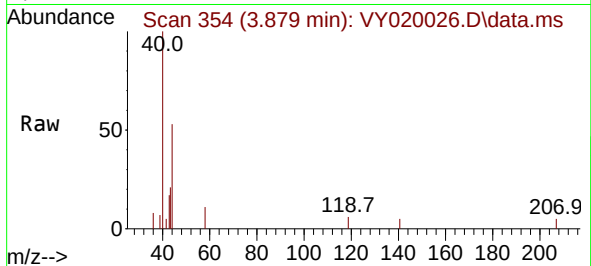




#16
Acetone
Concen: 1.300 ug/l
RT: 3.879 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

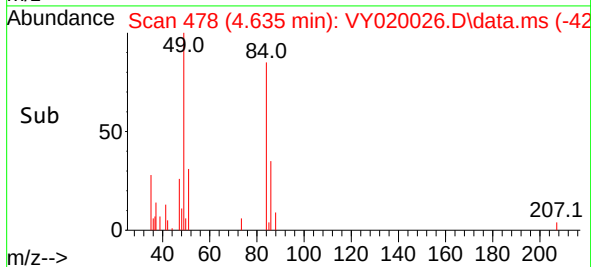
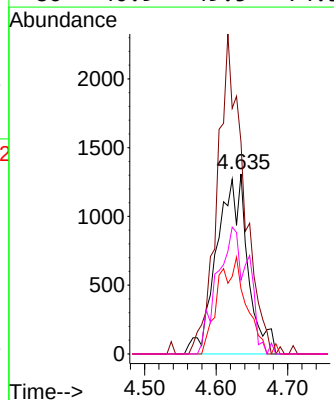
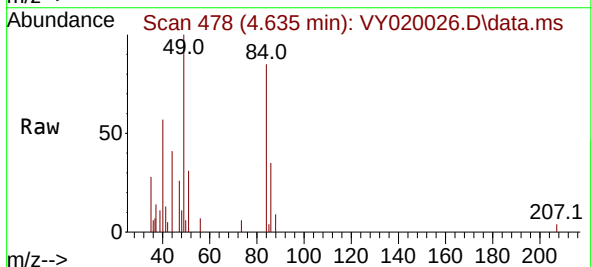
Instrument :
MSVOA_Y
ClientSampleId :

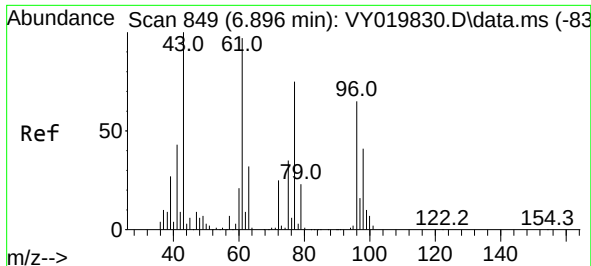
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#



#20
Methylene Chloride
Concen: 1.003 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 84 Resp: 3903
Ion Ratio Lower Upper
84 100
49 117.7 84.4 126.6
51 36.1 26.0 39.0
86 40.9 49.5 74.3#

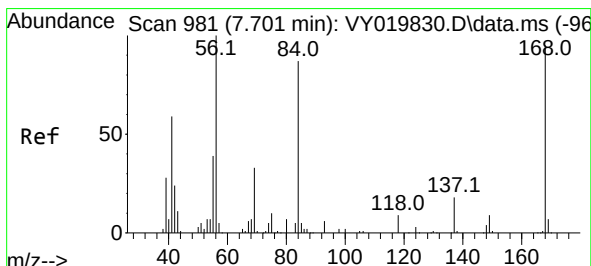
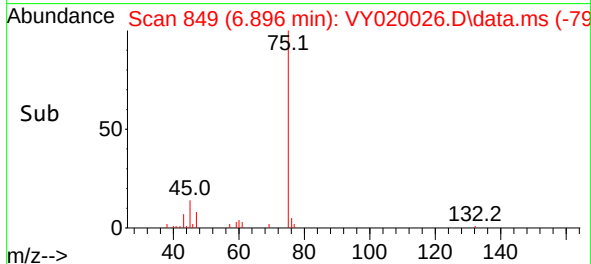
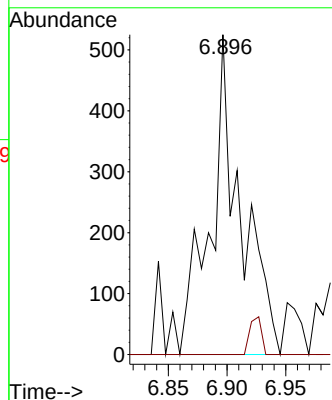
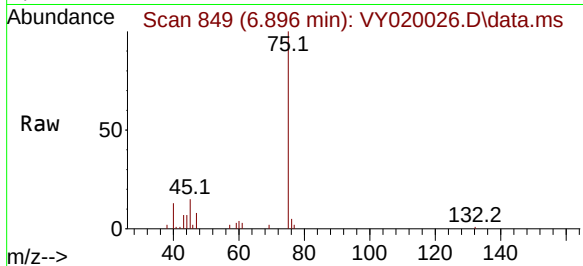




#25
2-Butanone
Concen: 1.194 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

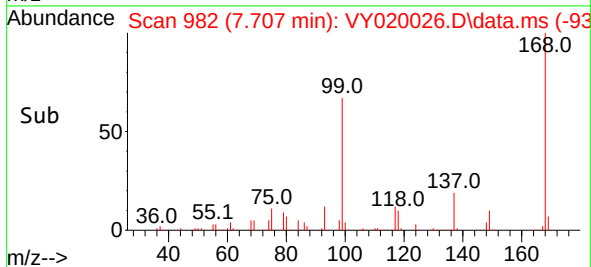
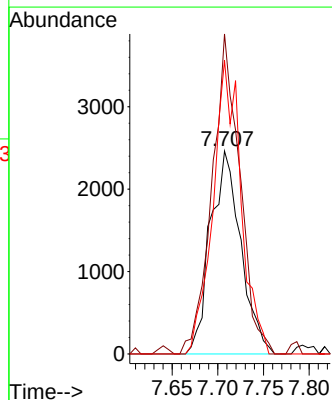
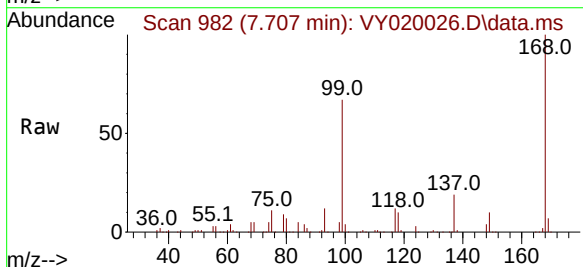
Instrument :
MSVOA_Y
ClientSampleId :

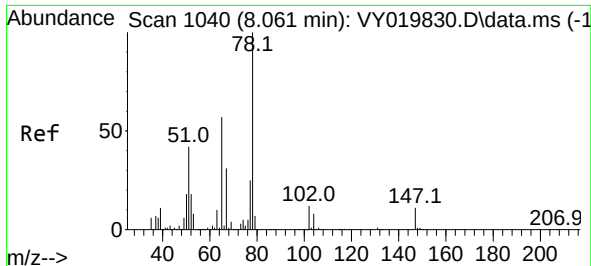
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.502 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 56 Resp: 5681
Ion Ratio Lower Upper
56 100
69 157.7 28.7 43.1#
84 144.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.597 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

Instrument :

MSVOA_Y

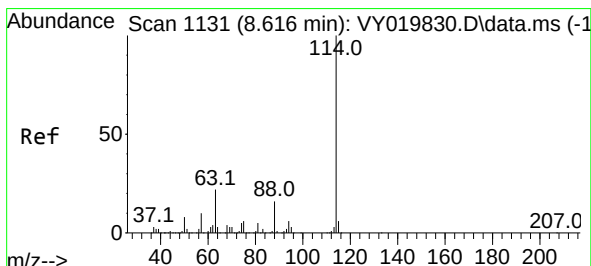
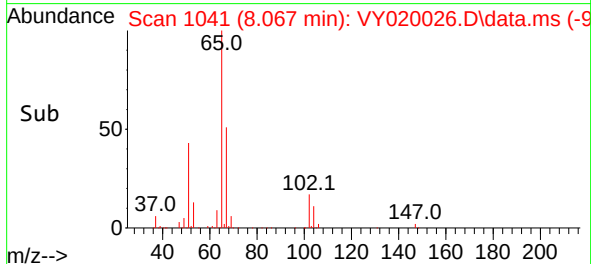
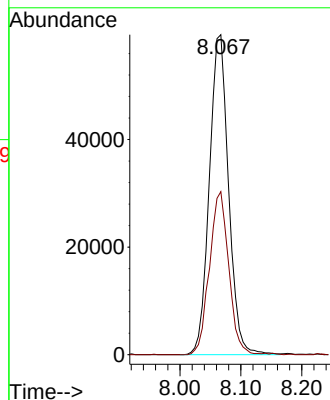
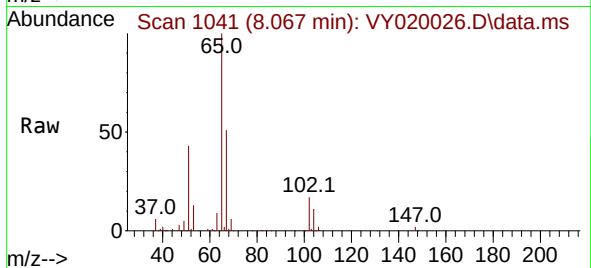
ClientSampleId :

Tgt Ion: 65 Resp: 130358

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

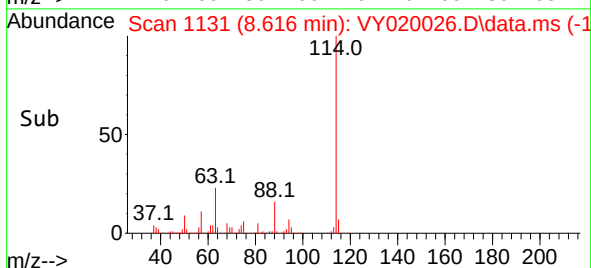
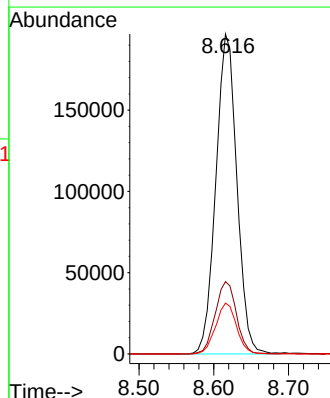
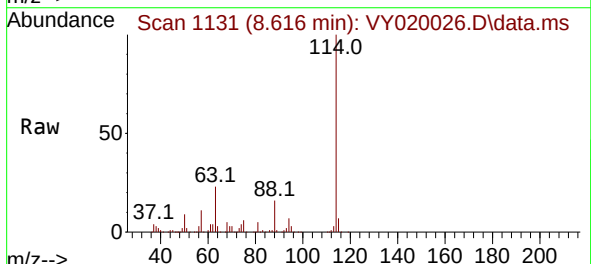
Tgt Ion: 114 Resp: 385462

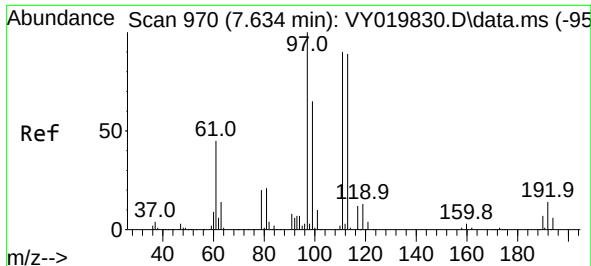
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 15.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.741 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

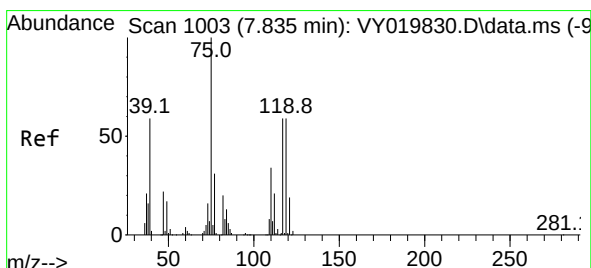
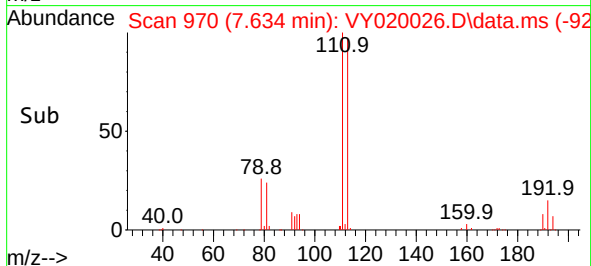
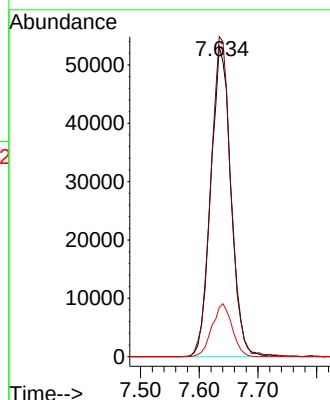
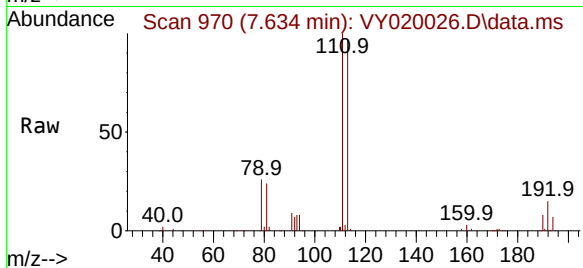
Tgt Ion:113 Resp: 126523

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

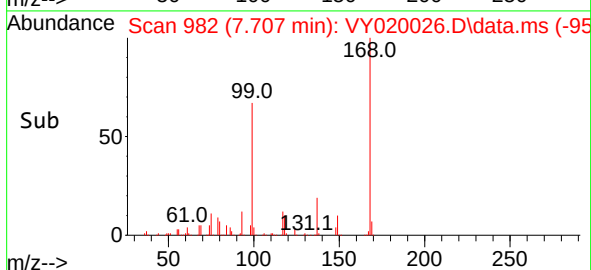
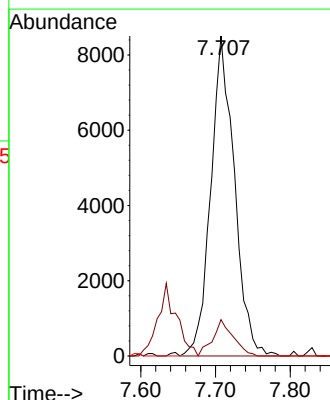
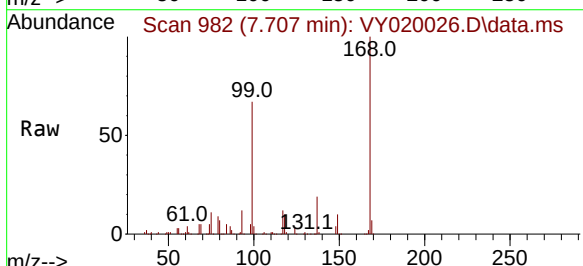
Tgt Ion: 75 Resp: 18702

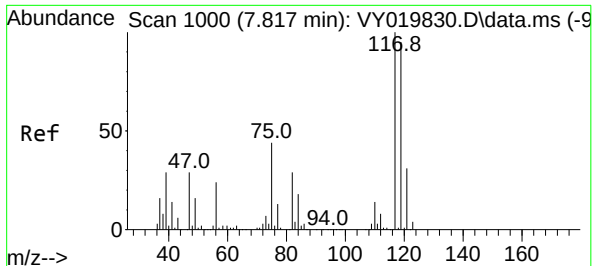
Ion Ratio Lower Upper

75 100

110 9.8 19.0 57.0#

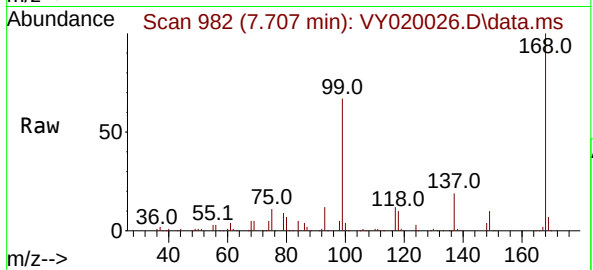
77 0.0 25.3 37.9#



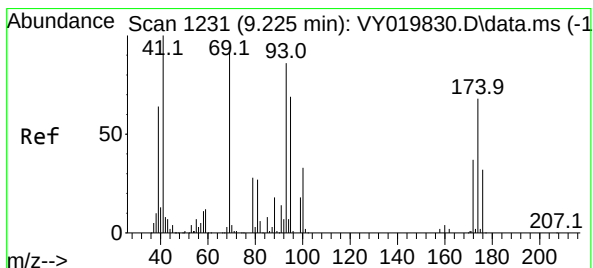
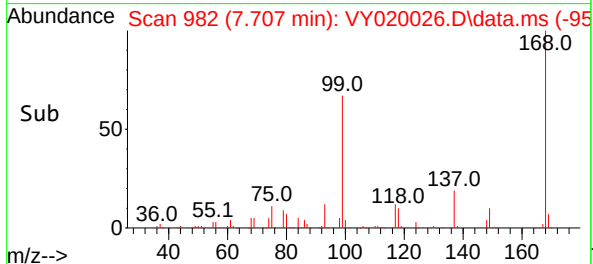
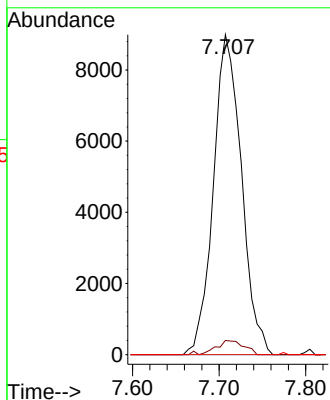


#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

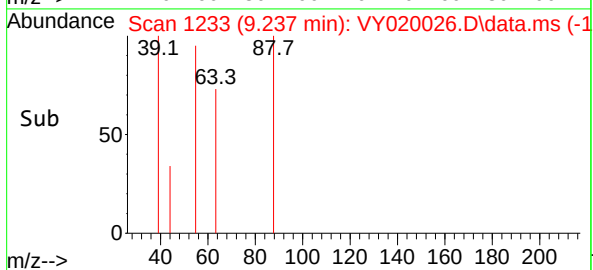
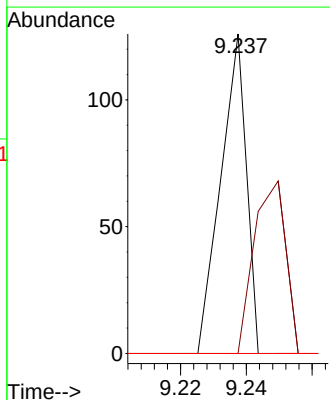
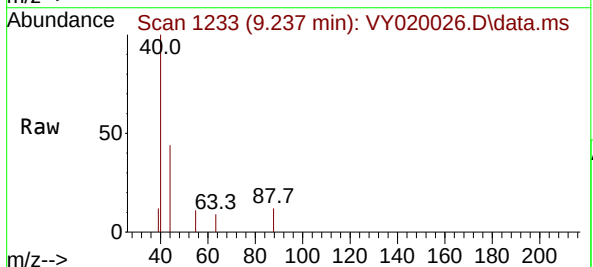


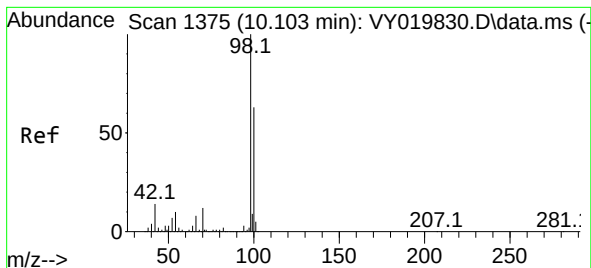
Tgt Ion:117 Resp: 20230
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.006 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 66.2 0.0 0.0#
58 0.0 49.3 73.9#

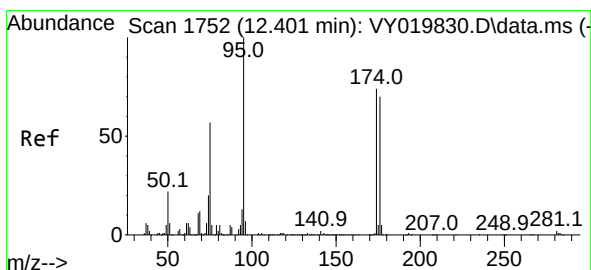
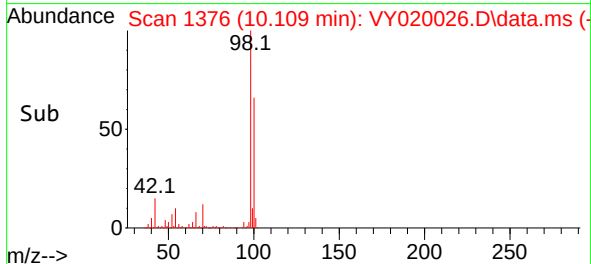
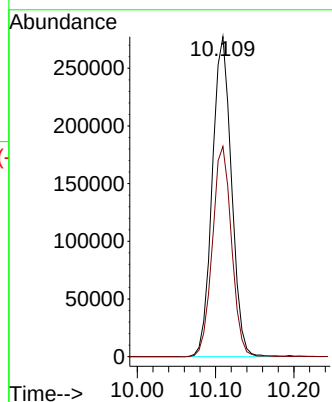
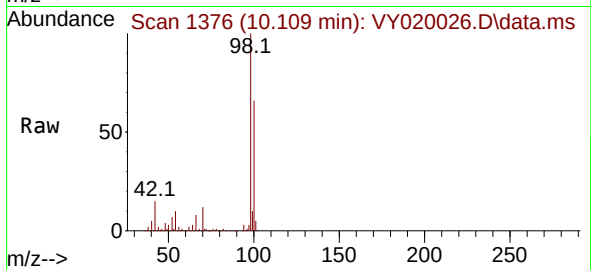




#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

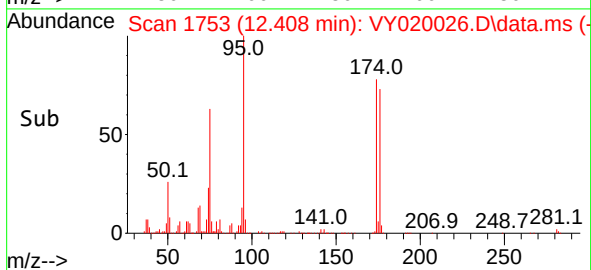
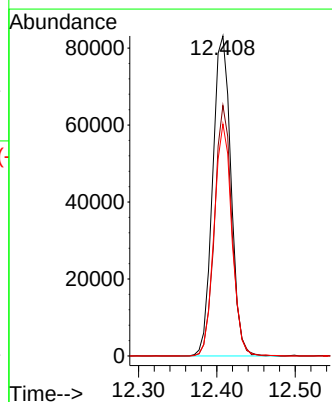
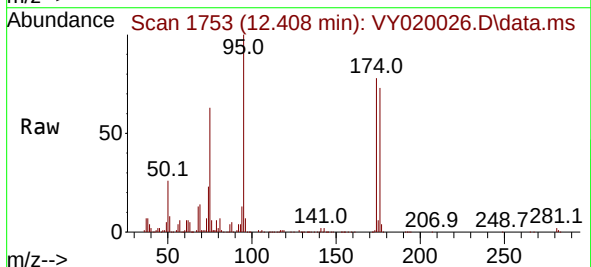
Instrument :
MSVOA_Y
ClientSampleId :

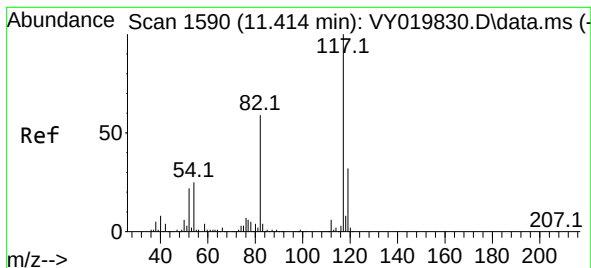
Tgt Ion: 98 Resp: 472262
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.753 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 95 Resp: 134923
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 70.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

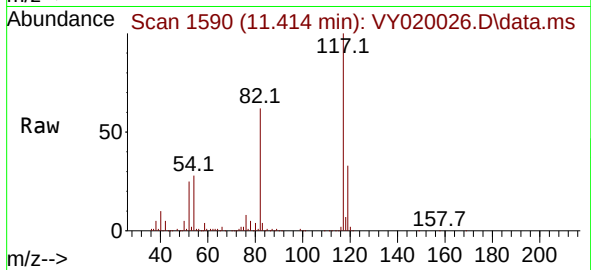
Lab File: VY020026.D

Acq: 25 Oct 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :



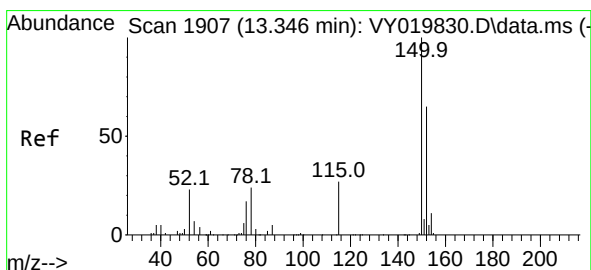
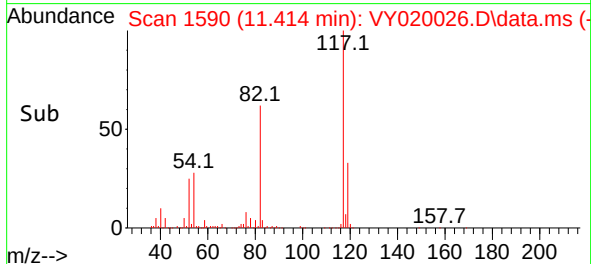
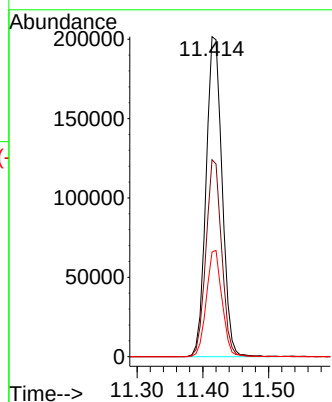
Tgt Ion:117 Resp: 341816

Ion Ratio Lower Upper

117 100

82 61.6 42.4 63.6

119 32.7 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: VY020026.D

Acq: 25 Oct 2024 15:09

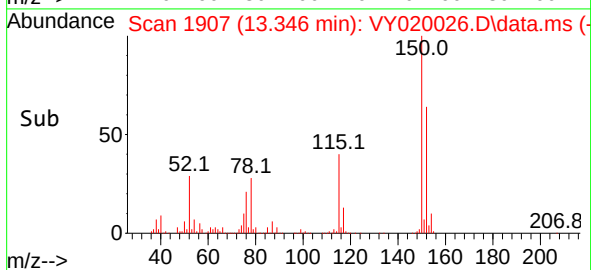
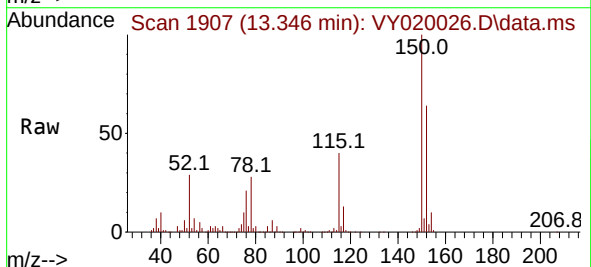
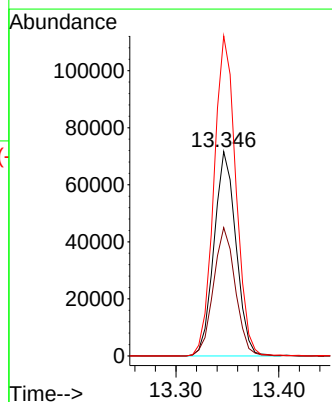
Tgt Ion:152 Resp: 106260

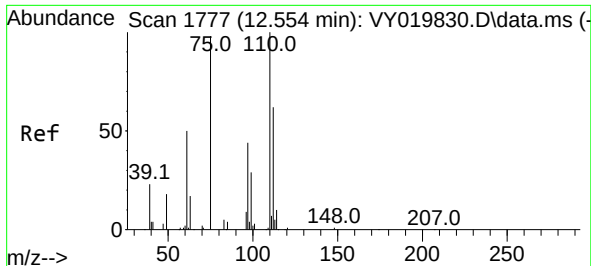
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.3 0.0 345.6

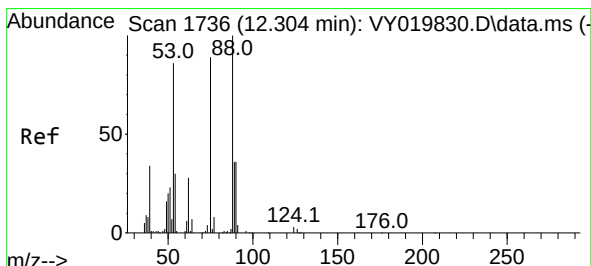
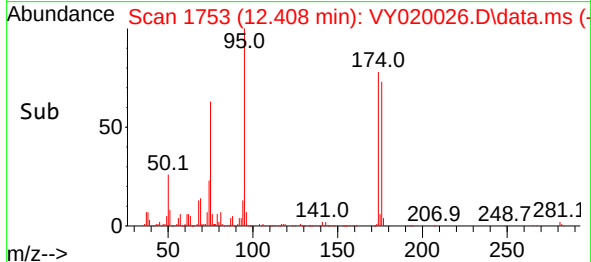
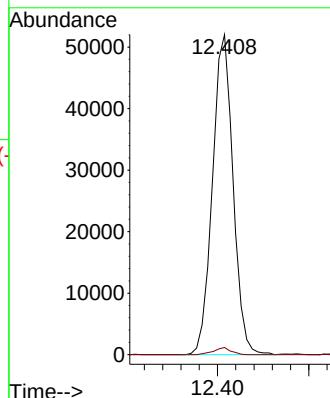
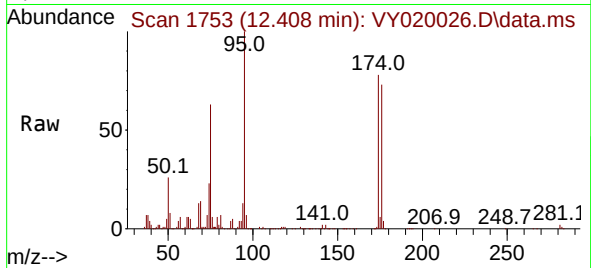




#76
1,2,3-Trichloropropane
Concen: 39.018 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81221
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.492 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020026.D
Acq: 25 Oct 2024 15:09

Tgt Ion: 75 Resp: 81221
Ion Ratio Lower Upper
75 100
53 0.8 66.8 100.2#
89 0.2 35.8 53.6#

