

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019673.D
 Acq On : 24 Sep 2024 11:15
 Operator : SY/MD
 Sample : VY0924SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:22:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

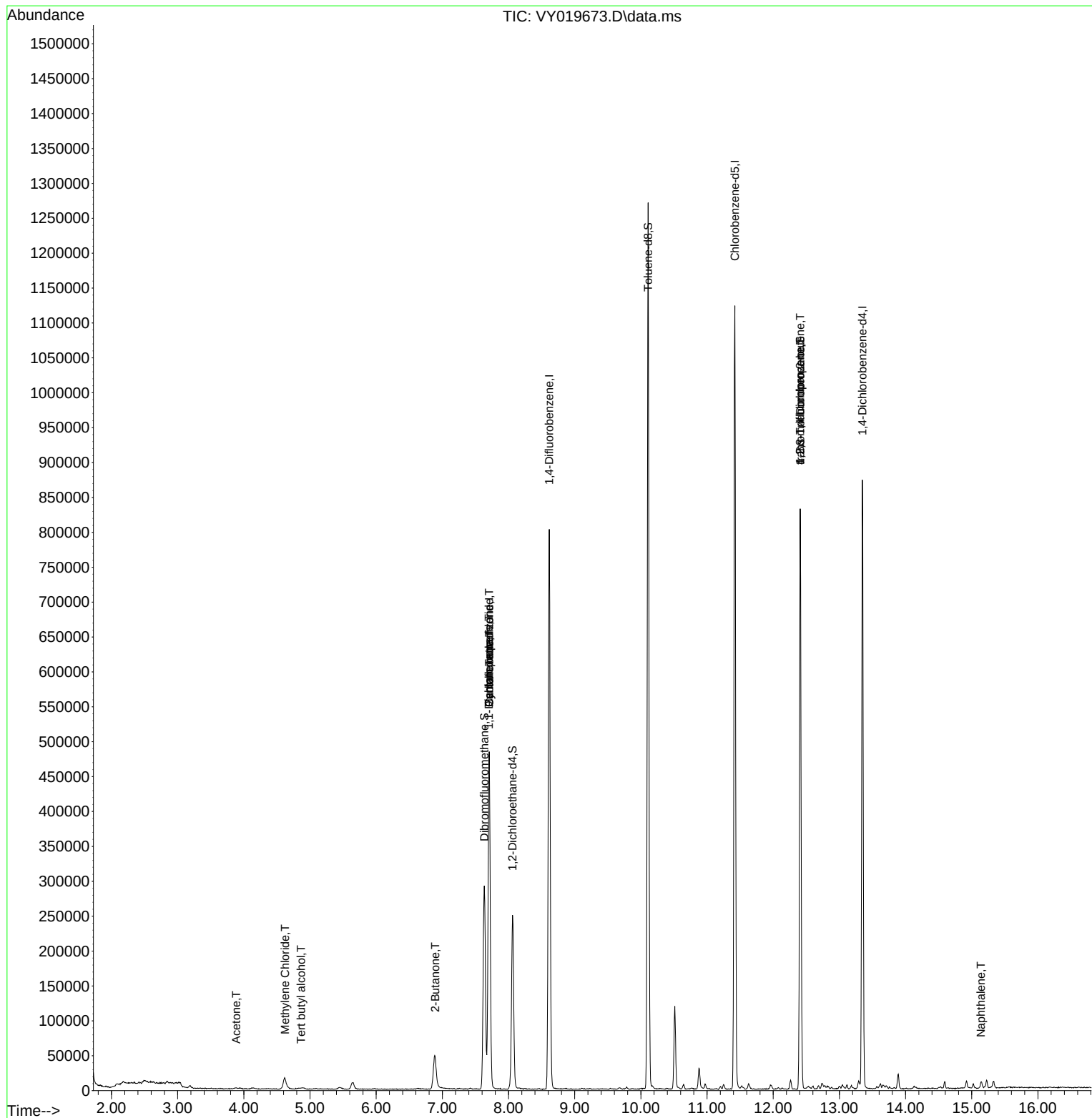
Internal Standards						
1) Pentafluorobenzene	7.707	168	362600	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	681351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	592600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193108	57.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.634	113	211357	54.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.109	98	802567	56.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.407	95	247325	45.016	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	129	Below Cal	#	43
11) Tert butyl alcohol	4.866	59	1081	3.987	ug/l #	84
13) Acrolein	3.659	56	148	Below Cal	#	73
16) Acetone	3.885	43	2168	2.710	ug/l #	86
20) Methylene Chloride	4.622	84	11128	3.051	ug/l	89
25) 2-Butanone	6.890	43	3608	3.171	ug/l #	70
31) Cyclohexane	7.707	56	8941	1.488	ug/l #	21
36) 1,1-Dichloropropene	7.701	75	30471	5.797	ug/l #	48
38) Carbon Tetrachloride	7.707	117	38270	6.456	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	133418	67.075	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	133418	128.764	ug/l #	16
95) Naphthalene	15.139	128	7648	1.061	ug/l	98

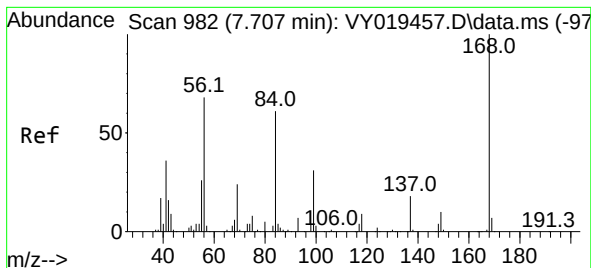
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
Data File : VY019673.D
Acq On : 24 Sep 2024 11:15
Operator : SY/MD
Sample : VY0924SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 25 01:22:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019673.D

Acq: 24 Sep 2024 11:15

Instrument :

MSVOA_Y

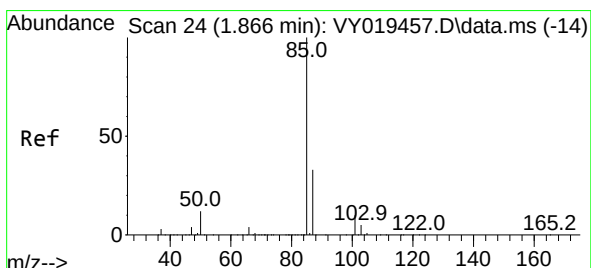
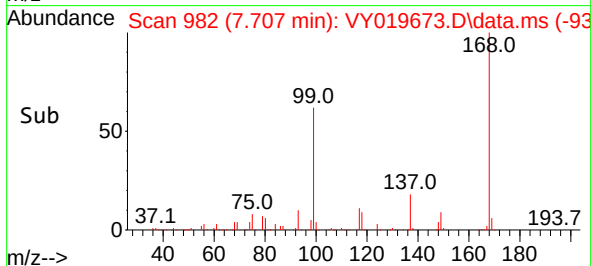
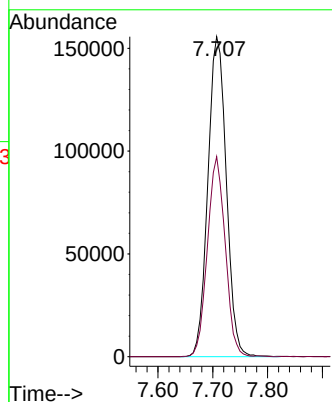
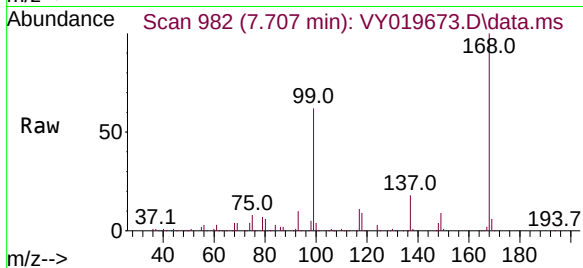
ClientSampleId :

Tgt Ion:168 Resp: 362600

Ion Ratio Lower Upper

168 100

99 62.5 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.861 min Scan# 23

Delta R.T. -0.005 min

Lab File: VY019673.D

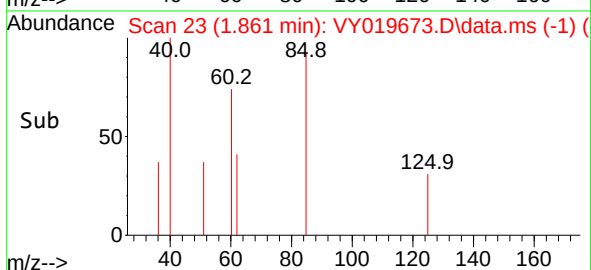
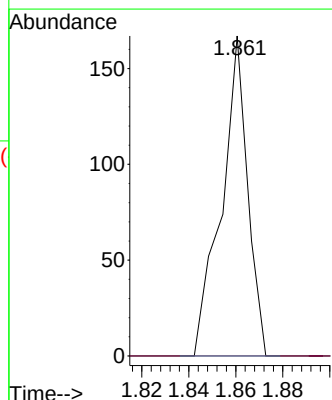
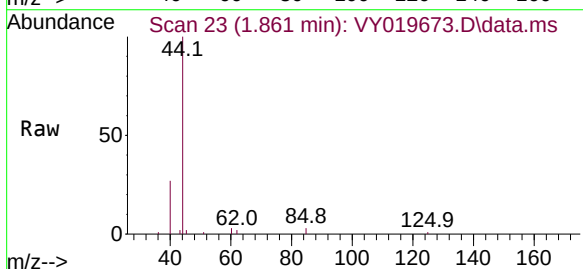
Acq: 24 Sep 2024 11:15

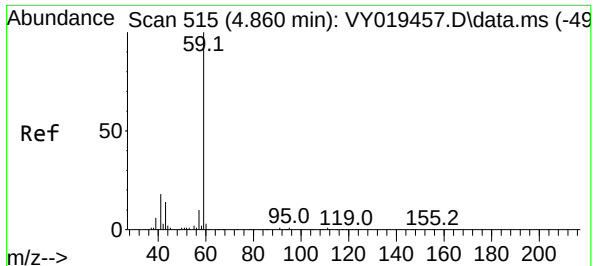
Tgt Ion: 85 Resp: 129

Ion Ratio Lower Upper

85 100

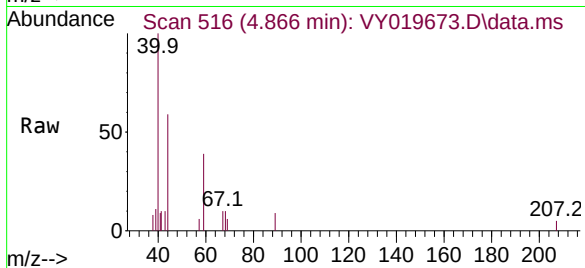
87 0.0 16.0 48.0#



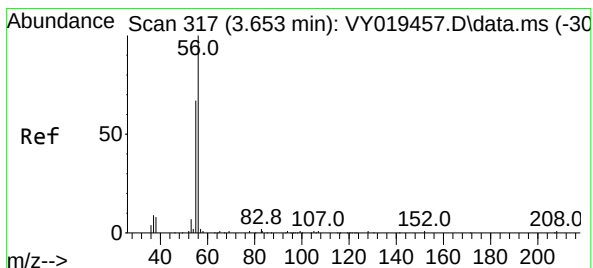
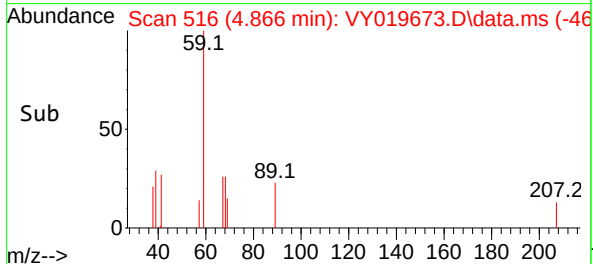
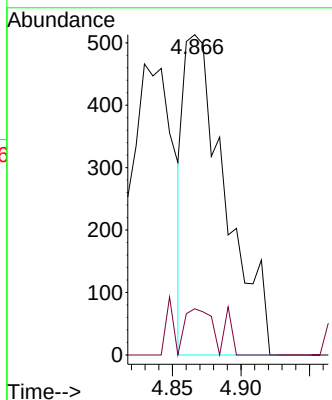


#11
Tert butyl alcohol
Concen: 3.987 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

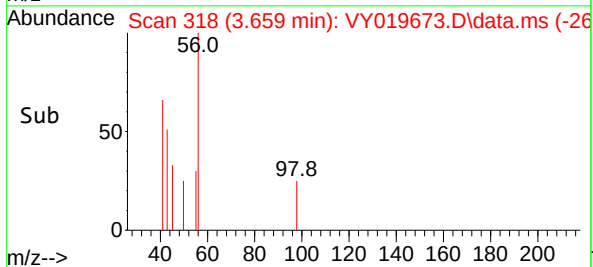
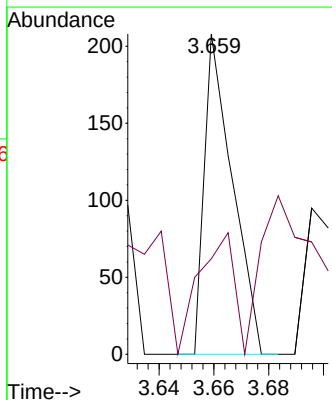
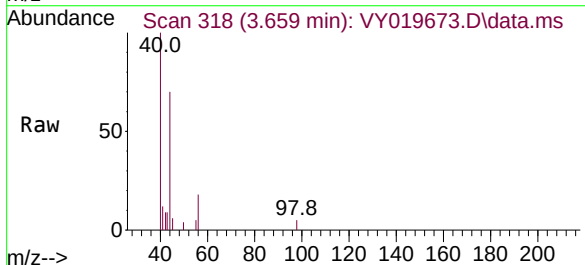


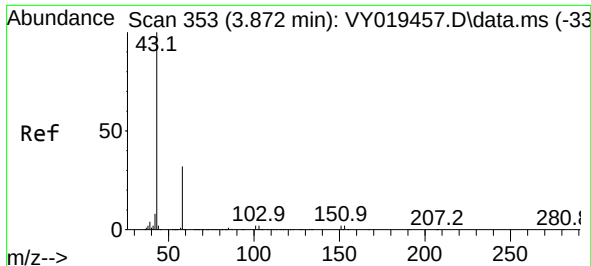
Tgt Ion: 59 Resp: 1081
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 47.3 55.7 83.5#

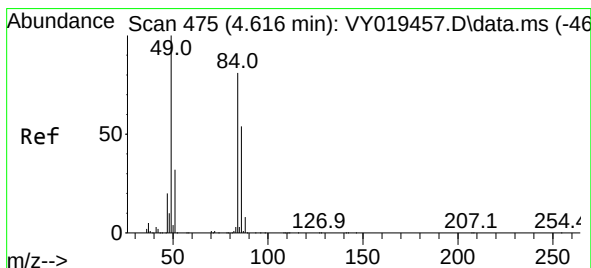
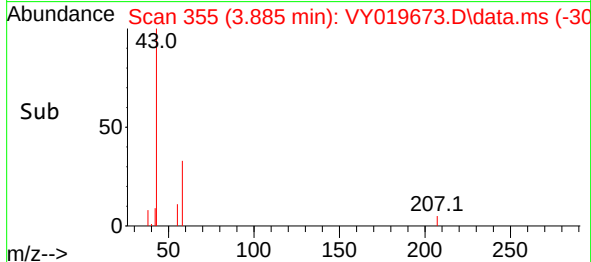
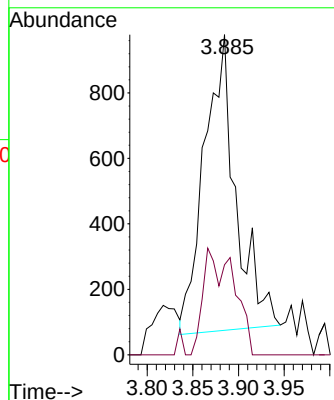
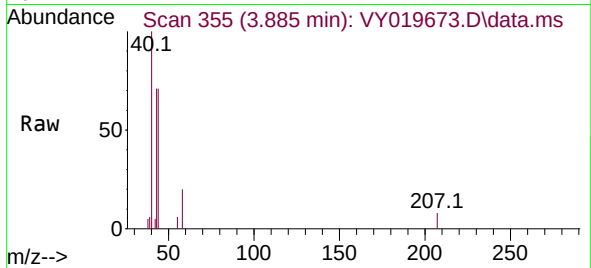




#16
Acetone
Concen: 2.710 ug/l
RT: 3.885 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

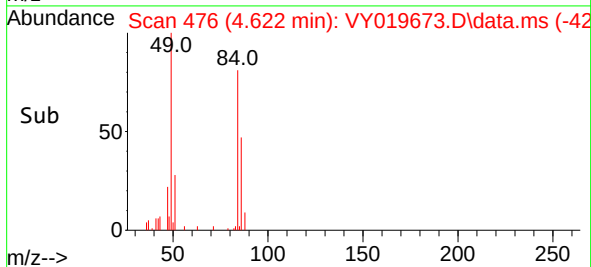
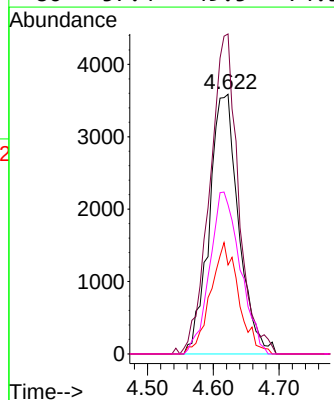
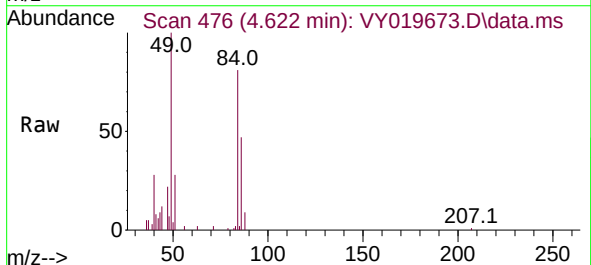
Instrument :
MSVOA_Y
ClientSampleId :

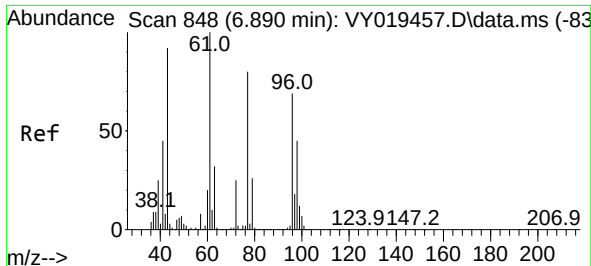
Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#



#20
Methylene Chloride
Concen: 3.051 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

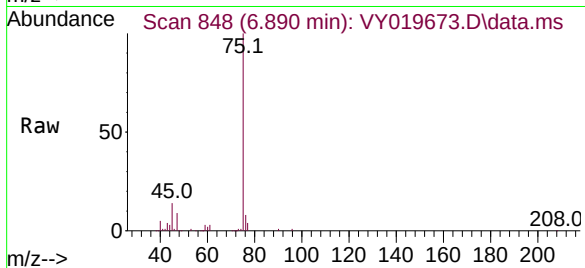
Tgt Ion: 84 Resp: 11128
Ion Ratio Lower Upper
84 100
49 123.2 84.4 126.6
51 34.3 26.0 39.0
86 57.4 49.5 74.3



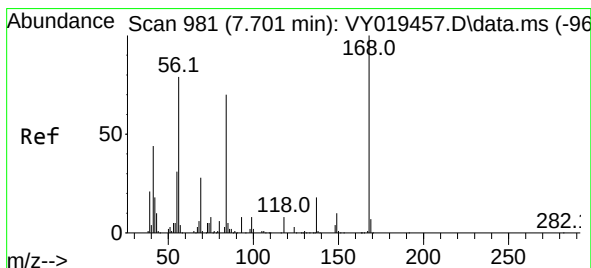
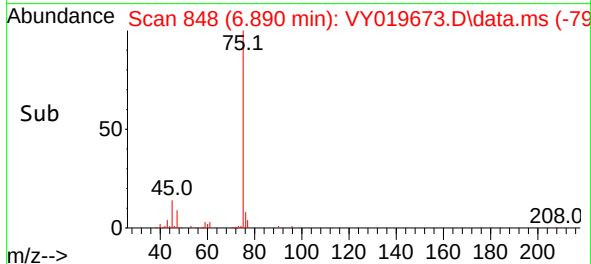
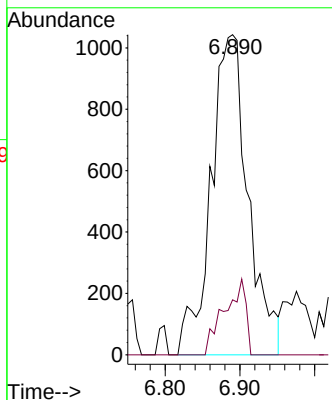


#25
2-Butanone
Concen: 3.171 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

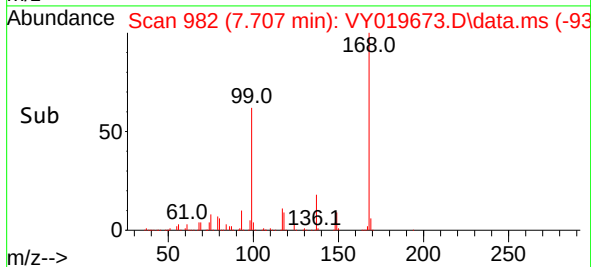
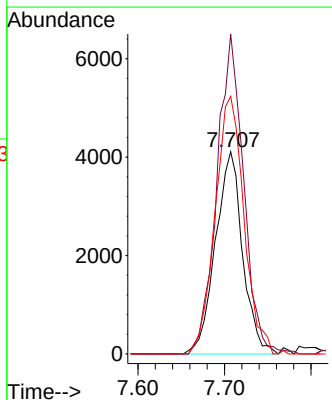
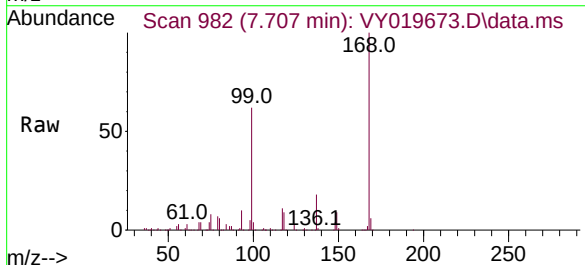


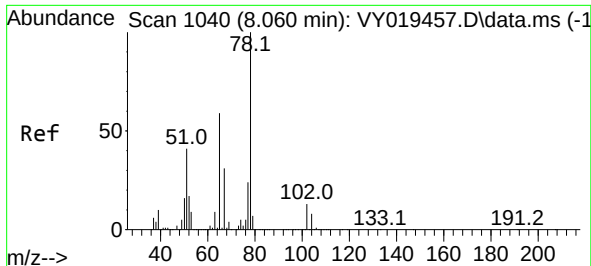
Tgt Ion: 43 Resp: 3608
Ion Ratio Lower Upper
43 100
72 17.2 27.3 40.9#



#31
Cyclohexane
Concen: 1.488 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Tgt Ion: 56 Resp: 8941
Ion Ratio Lower Upper
56 100
69 158.2 28.7 43.1#
84 127.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.514 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019673.D

Acq: 24 Sep 2024 11:15

Instrument :

MSVOA_Y

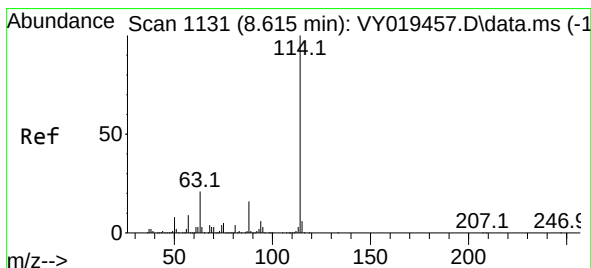
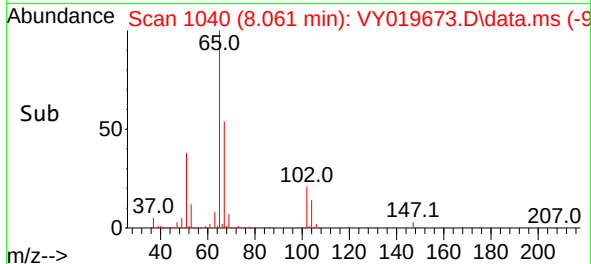
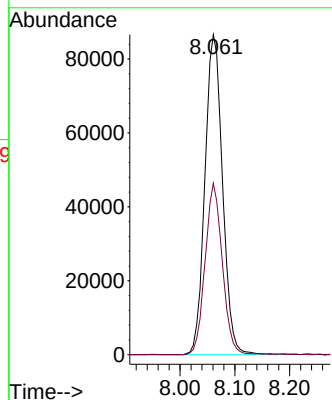
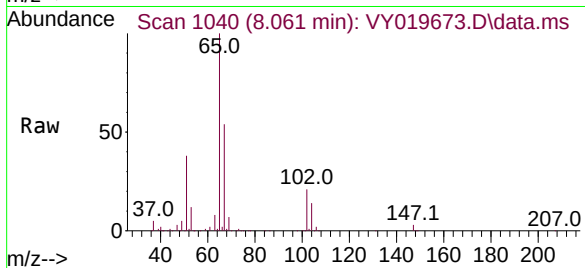
ClientSampleId :

Tgt Ion: 65 Resp: 193108

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019673.D

Acq: 24 Sep 2024 11:15

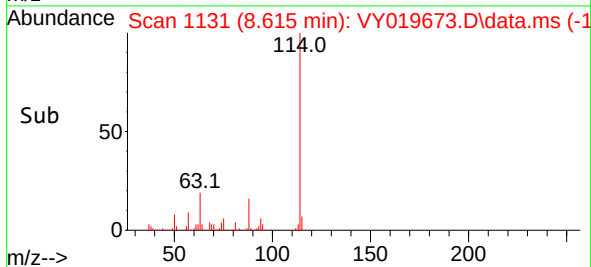
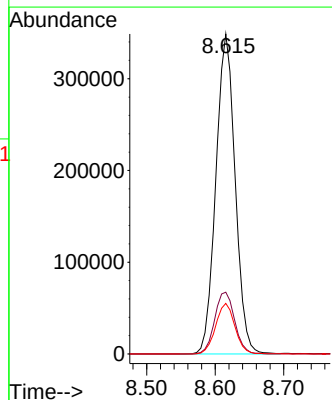
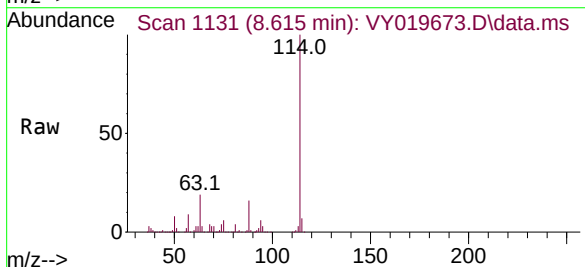
Tgt Ion: 114 Resp: 681351

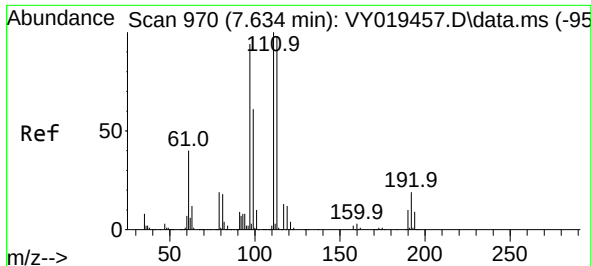
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

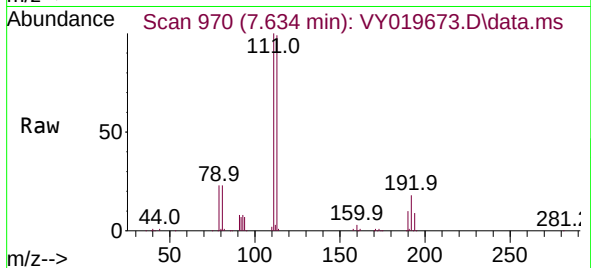
88 15.8 0.0 27.2



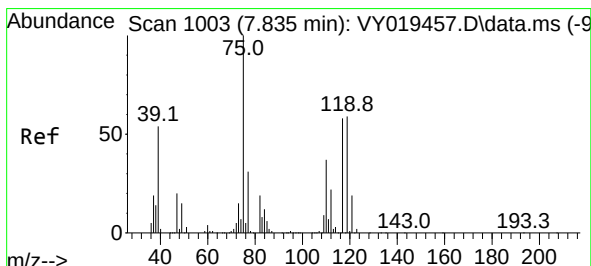
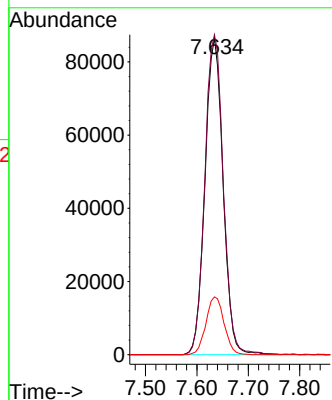
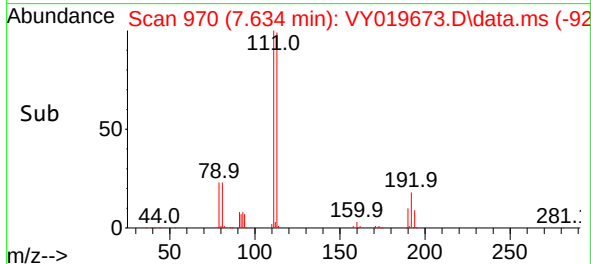


#35
Dibromofluoromethane
Concen: 54.711 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

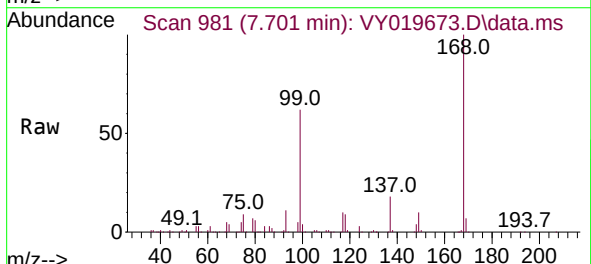
Instrument :
MSVOA_Y
ClientSampleId :



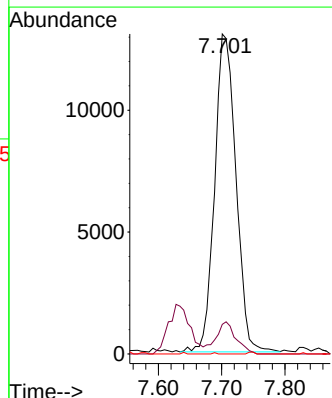
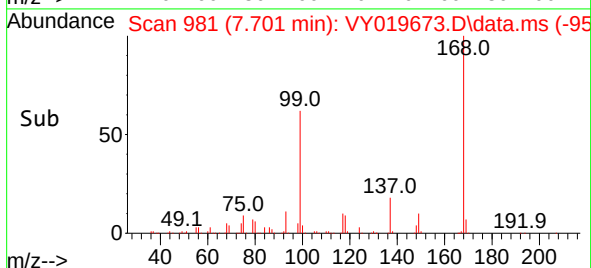
Tgt Ion:113 Resp: 211357
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.3 15.9 23.9

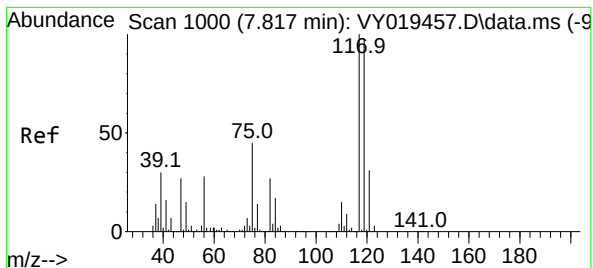


#36
1,1-Dichloropropene
Concen: 5.797 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15



Tgt Ion: 75 Resp: 30471
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.1 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.456 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY019673.D

Acq: 24 Sep 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

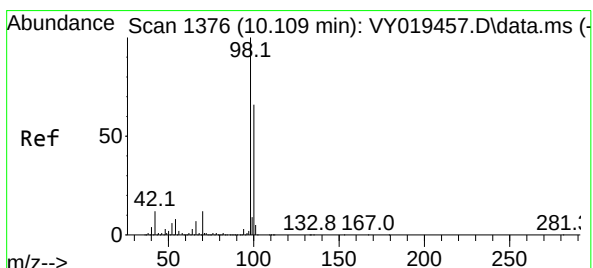
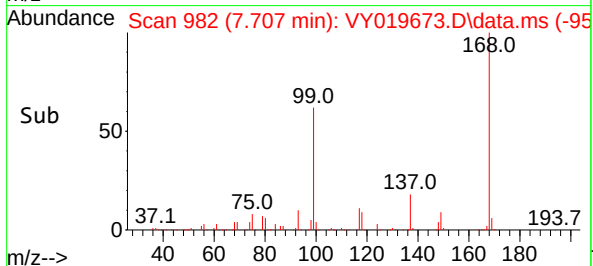
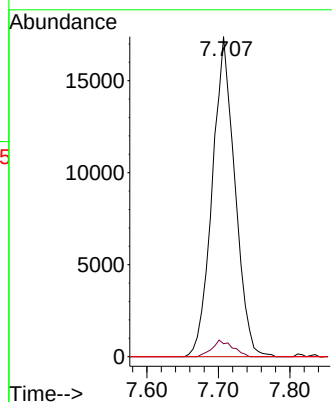
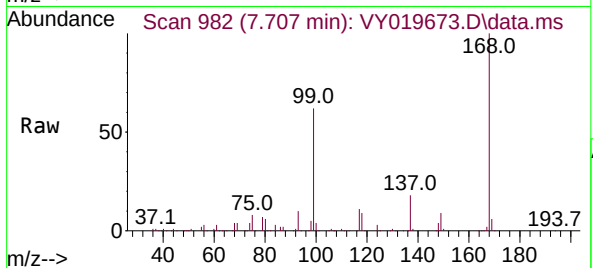
Tgt Ion:117 Resp: 38270

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.167 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019673.D

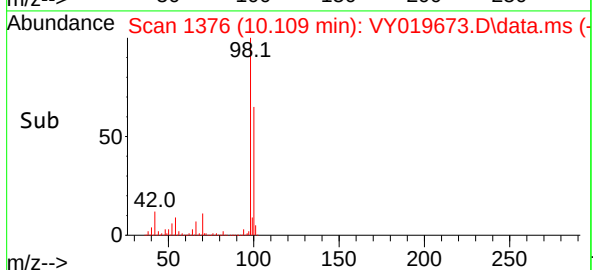
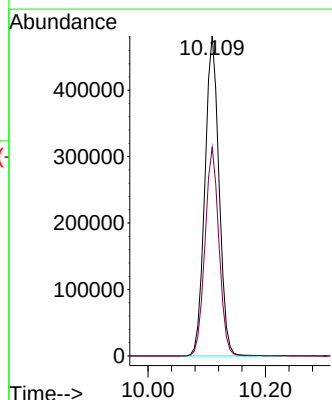
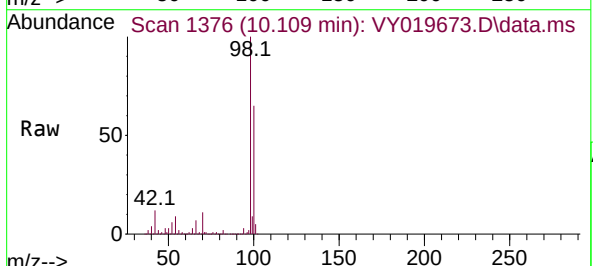
Acq: 24 Sep 2024 11:15

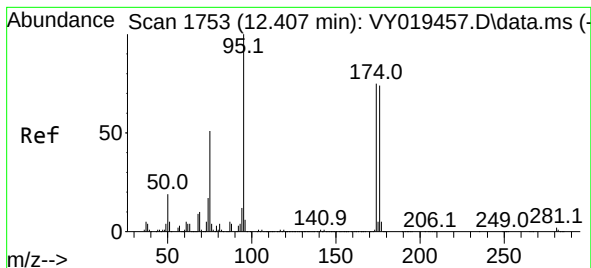
Tgt Ion: 98 Resp: 802567

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

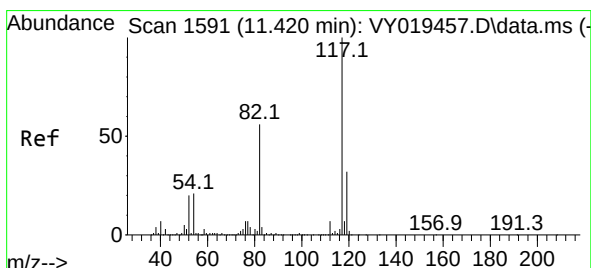
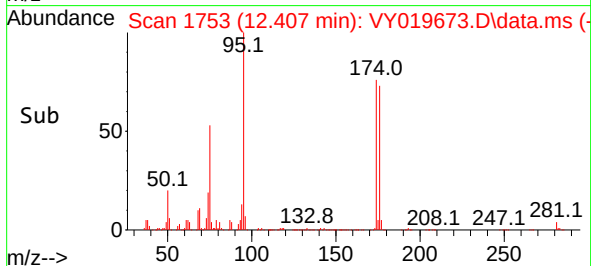
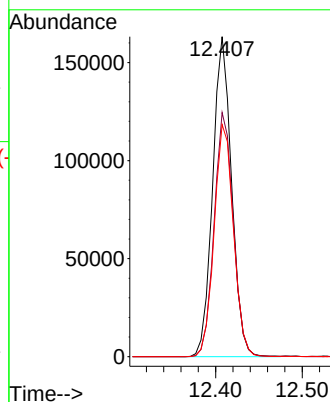
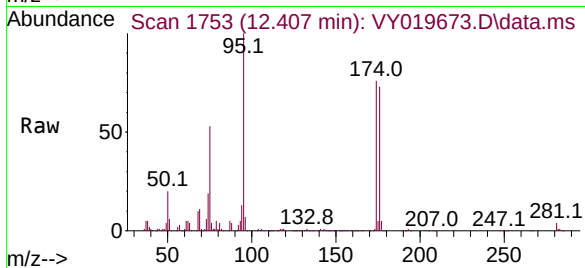




#62
4-Bromofluorobenzene
Concen: 45.016 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

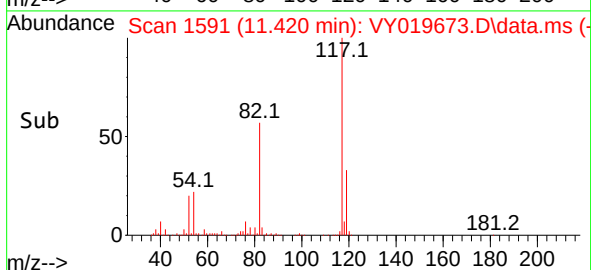
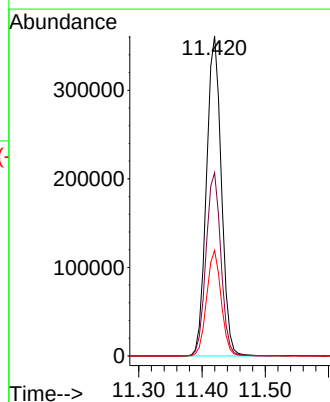
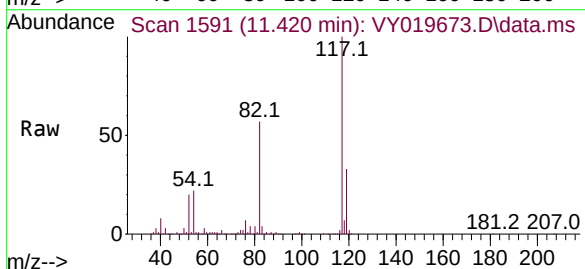
Instrument :
MSVOA_Y
ClientSampleId :

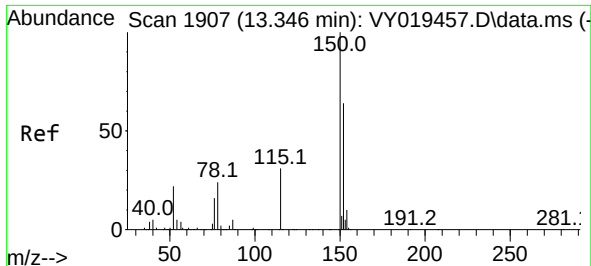
Tgt Ion: 95 Resp: 247325
Ion Ratio Lower Upper
95 100
174 77.2 0.0 175.6
176 74.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Tgt Ion: 117 Resp: 592600
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 33.0 25.9 38.9

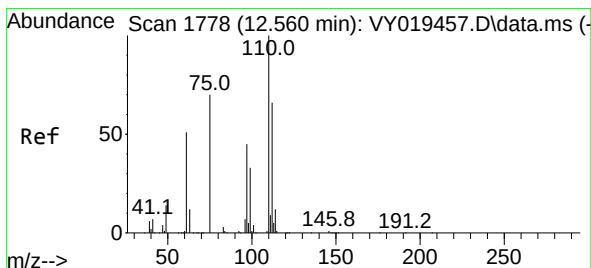
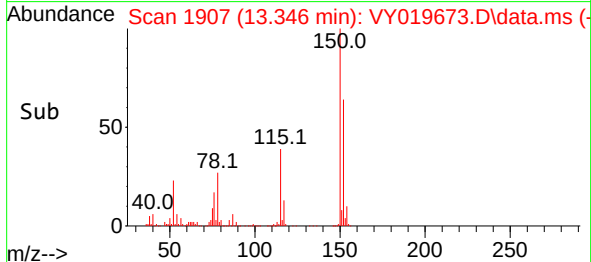
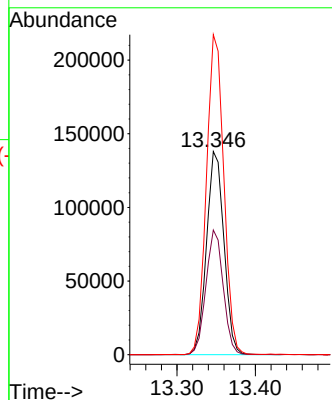
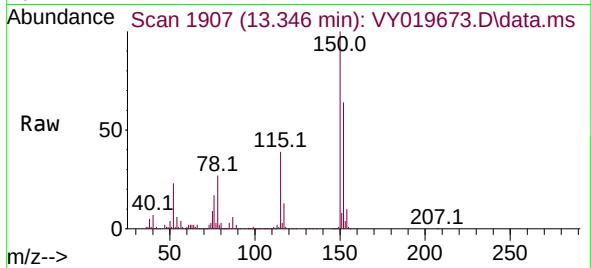




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019673.D
 Acq: 24 Sep 2024 11:15

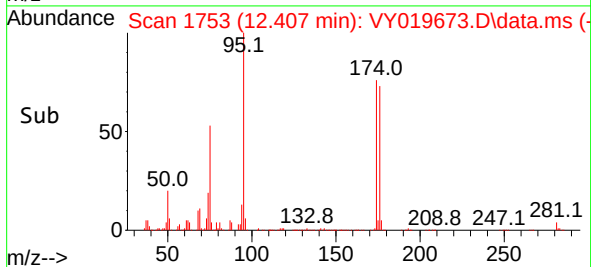
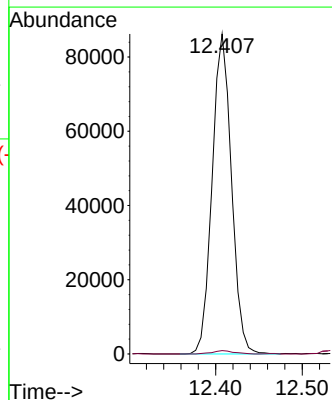
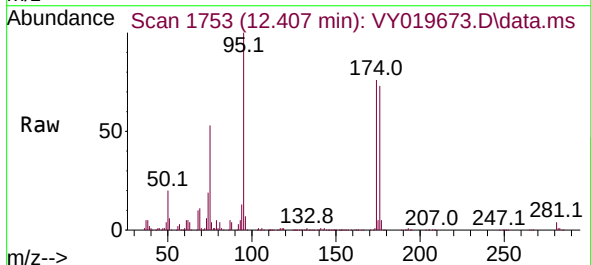
Instrument :
 MSVOA_Y
 ClientSampleId :

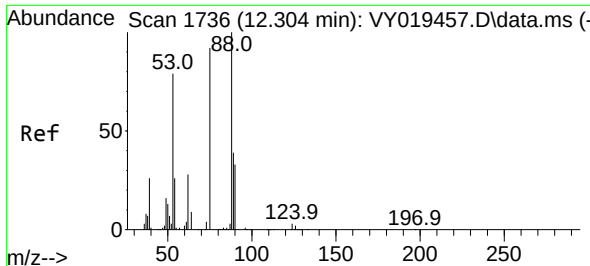
Tgt Ion:152 Resp: 212217
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 157.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 67.075 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019673.D
 Acq: 24 Sep 2024 11:15

Tgt Ion: 75 Resp: 133418
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

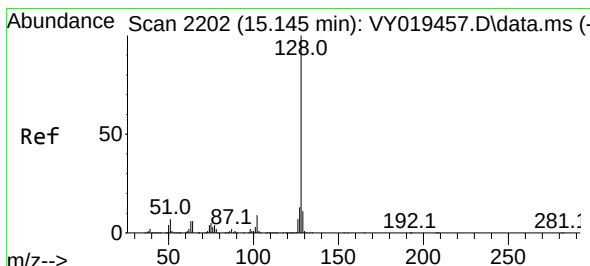
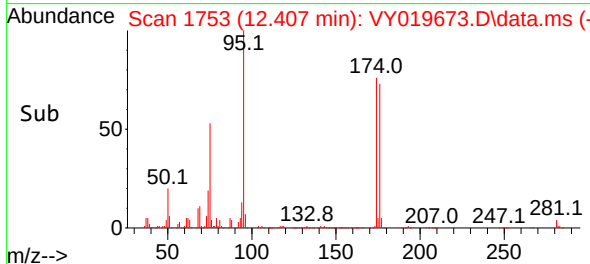
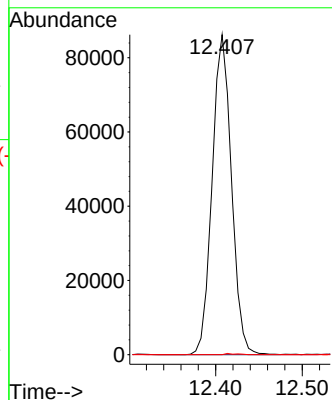
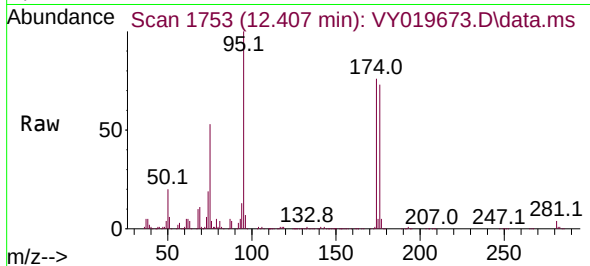




#81
trans-1,4-Dichloro-2-butene
Concen: 128.764 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 133418
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 1.061 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019673.D
Acq: 24 Sep 2024 11:15

Tgt Ion:128 Resp: 7648
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.8 8.6 13.0

