

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019737.D
 Acq On : 01 Oct 2024 11:51
 Operator : SY/MD
 Sample : VY1001SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 17:08:14 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)

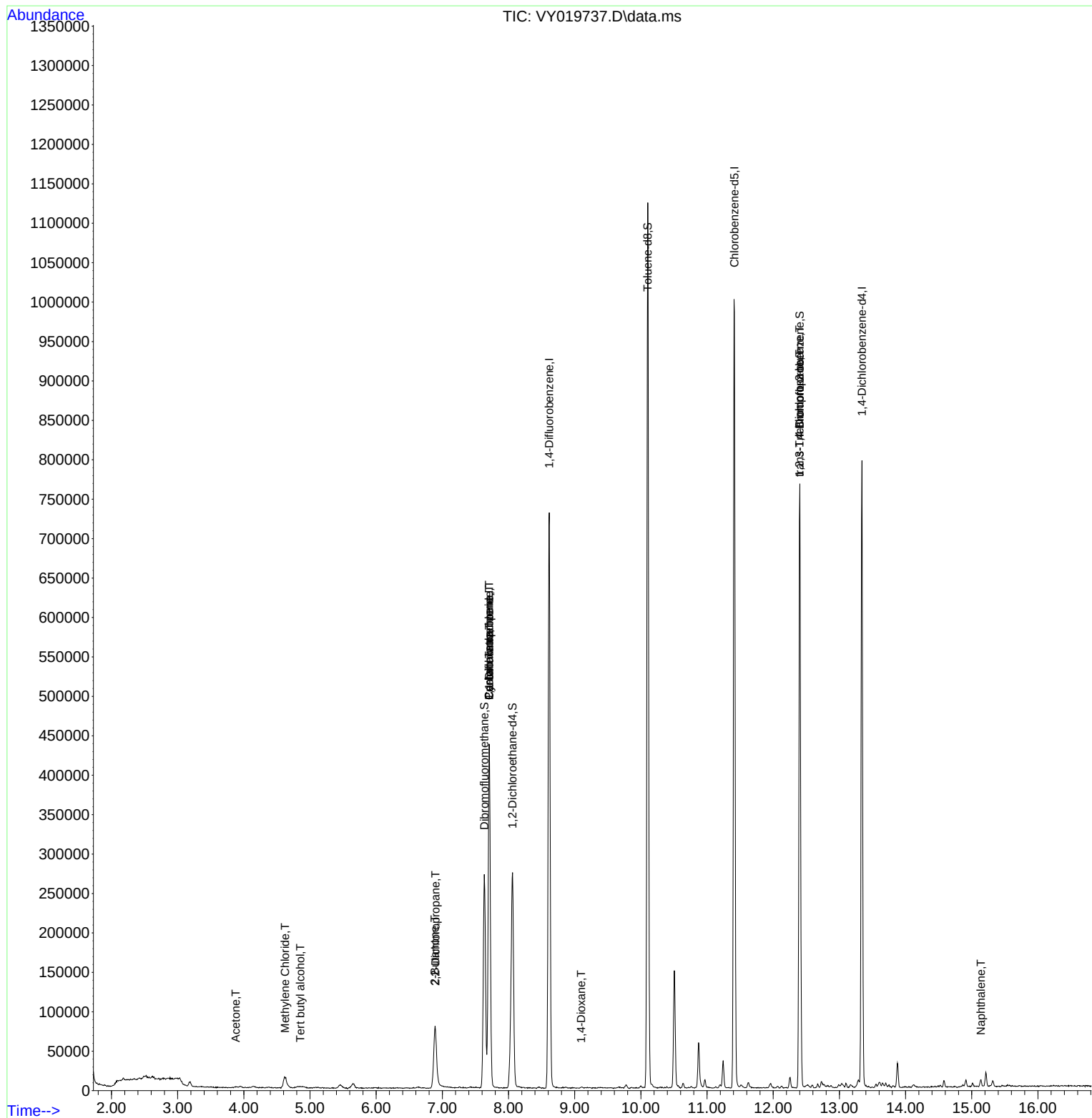
Internal Standards						
1) Pentafluorobenzene	7.707	168	322882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	609632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	192270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	185044	61.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.634	113	192820	55.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.103	98	725364	56.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.480%	
62) 4-Bromofluorobenzene	12.401	95	234070	47.615	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	186	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	2152	8.913	ug/l	98
13) Acrolein	3.665	56	142	Below Cal	#	1
16) Acetone	3.879	43	1518	2.131	ug/l	# 66
20) Methylene Chloride	4.622	84	9989	3.075	ug/l	93
25) 2-Butanone	6.884	43	4784	4.722	ug/l	# 67
26) 2,2-Dichloropropane	6.896	77	6366	1.192	ug/l	# 51
31) Cyclohexane	7.707	56	8302	1.552	ug/l	# 22
36) 1,1-Dichloropropene	7.707	75	27211	5.786	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	34183	6.445	ug/l	# 16
49) 1,4-Dioxane	9.097	88	31	1.360	ug/l	# 20
76) 1,2,3-Trichloropropane	12.395	75	124796	69.249	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.395	75	124796	132.938	ug/l	# 16
95) Naphthalene	15.139	128	6674	1.021	ug/l	99

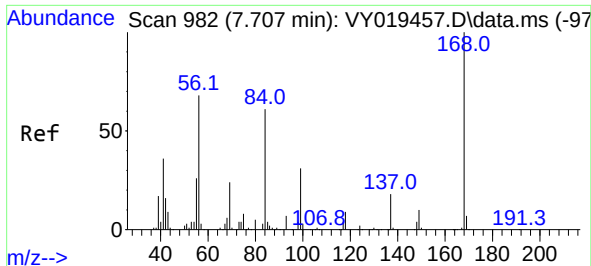
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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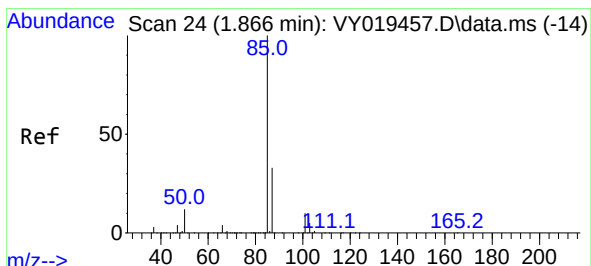
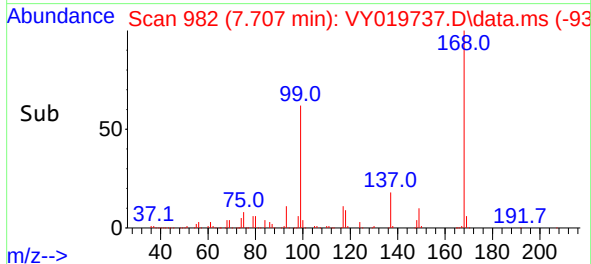
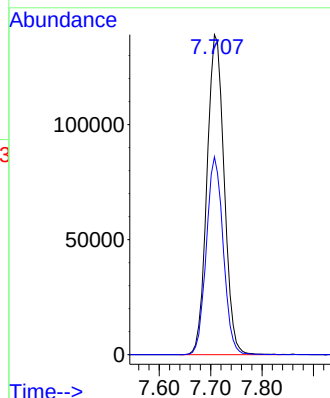
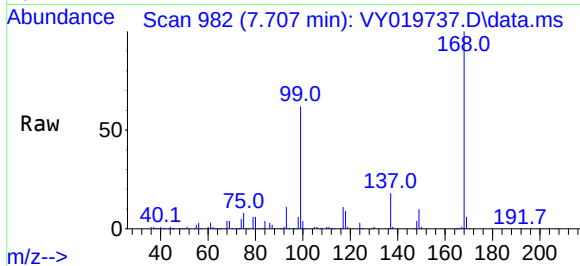




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

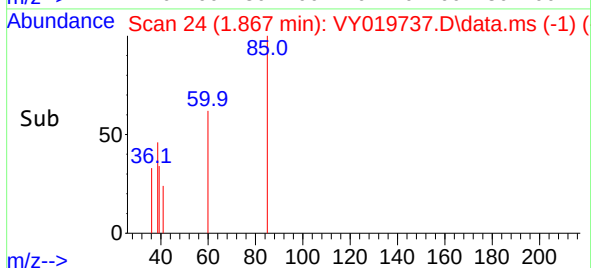
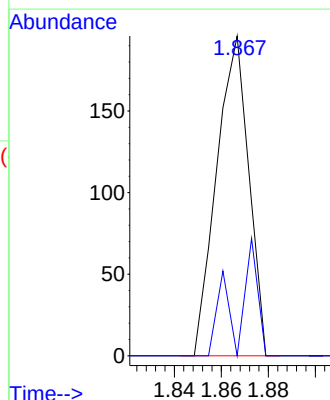
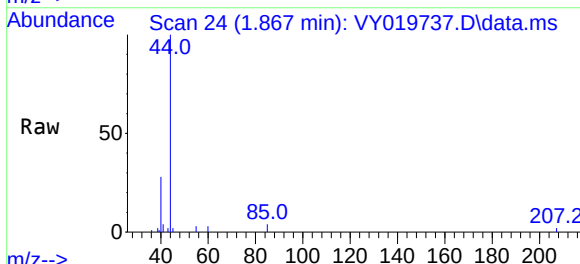
Instrument :
MSVOA_Y
ClientSampleId :

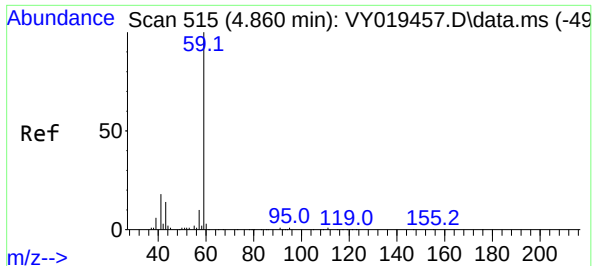
Tgt Ion:168 Resp: 322882
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

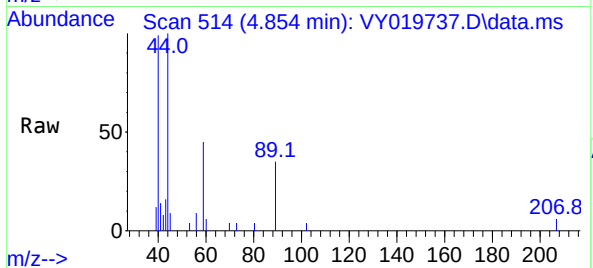
Tgt Ion: 85 Resp: 186
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



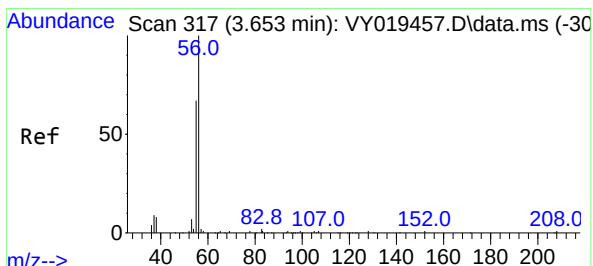
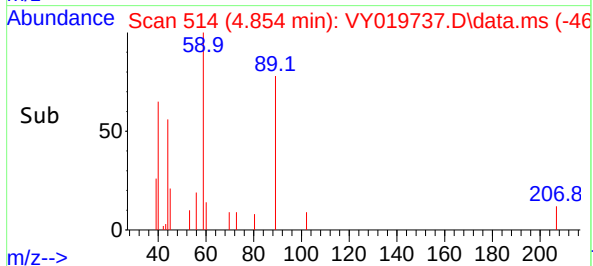
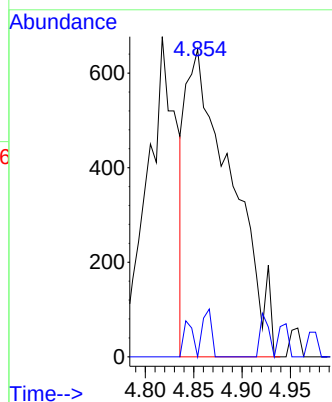


#11
Tert butyl alcohol
Concen: 8.913 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

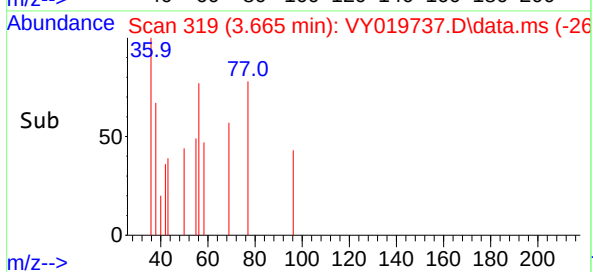
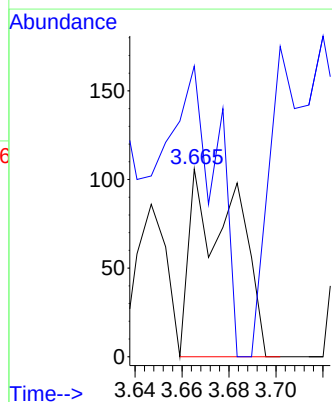
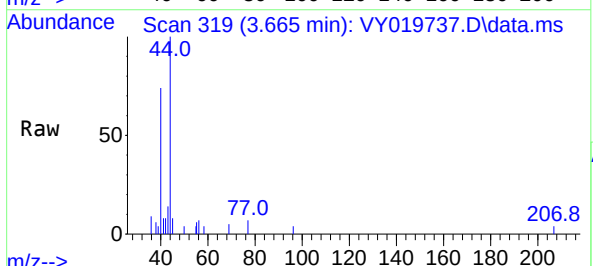


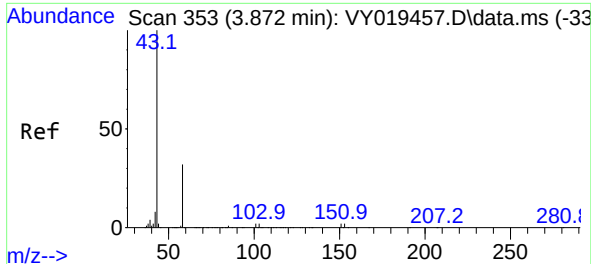
Tgt Ion: 59 Resp: 2152
Ion Ratio Lower Upper
59 100
57 3.1 3.0 4.6



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 166.2 55.7 83.5#





#16

Acetone

Concen: 2.131 ug/l

RT: 3.879 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

Instrument :

MSVOA_Y

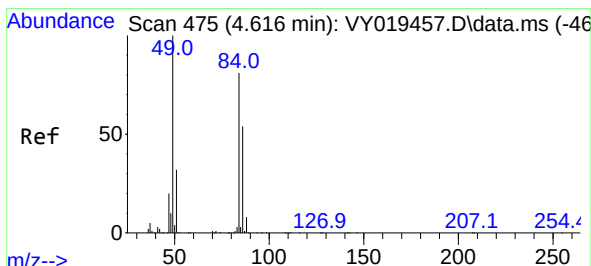
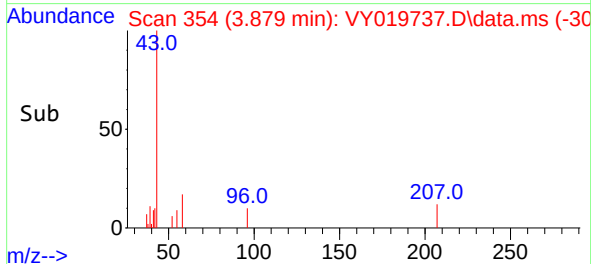
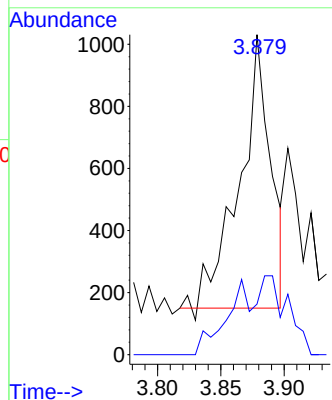
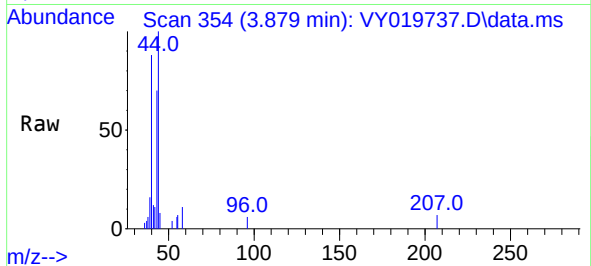
ClientSampleId :

Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 18.5 31.7 47.5#



#20

Methylene Chloride

Concen: 3.075 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

Tgt Ion: 84 Resp: 9989

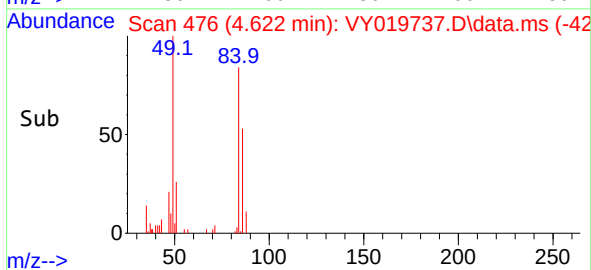
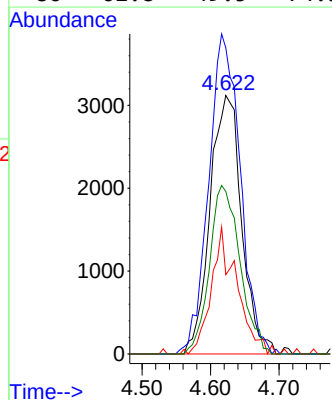
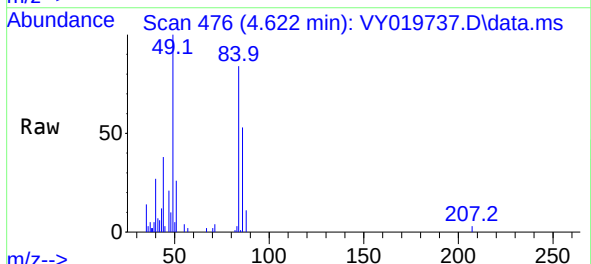
Ion Ratio Lower Upper

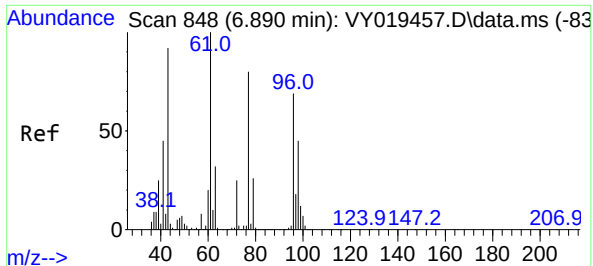
84 100

49 118.4 84.4 126.6

51 30.7 26.0 39.0

86 62.8 49.5 74.3

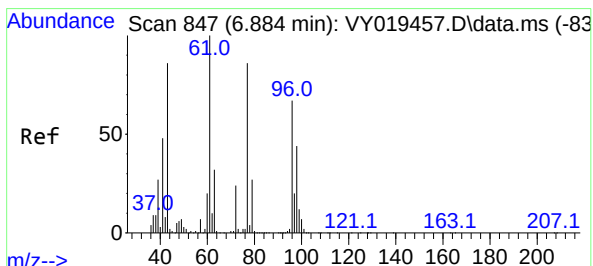
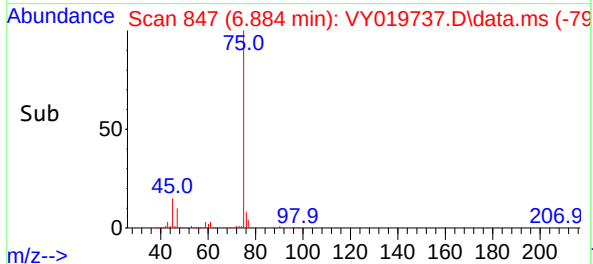
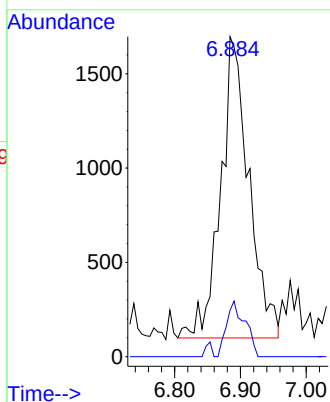
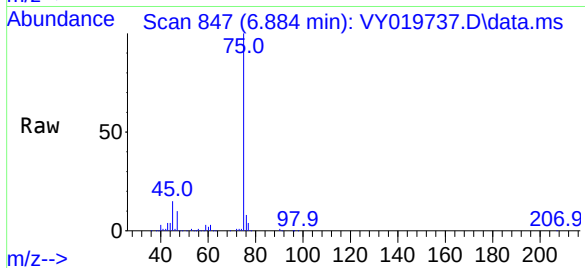




#25
2-Butanone
Concen: 4.722 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

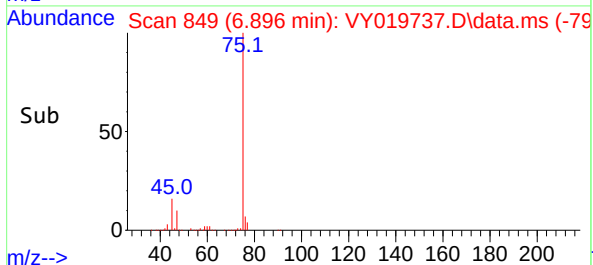
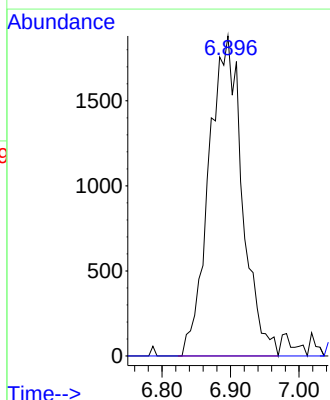
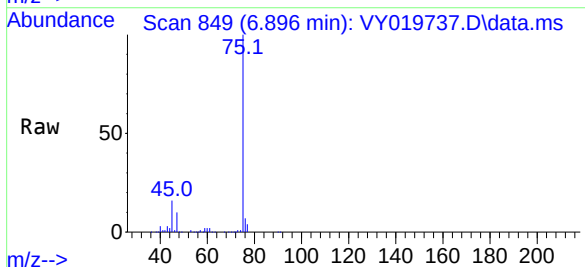
Instrument :
MSVOA_Y
ClientSampleId :

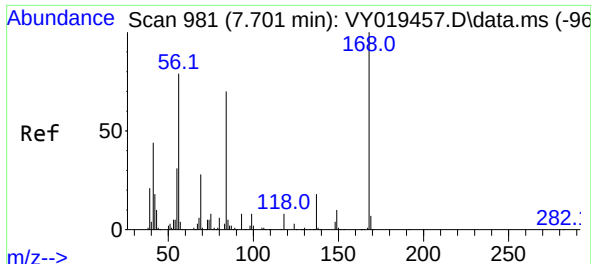
Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
72 15.4 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.192 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

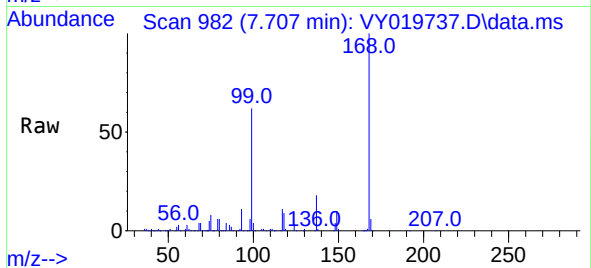
Tgt Ion: 77 Resp: 6366
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



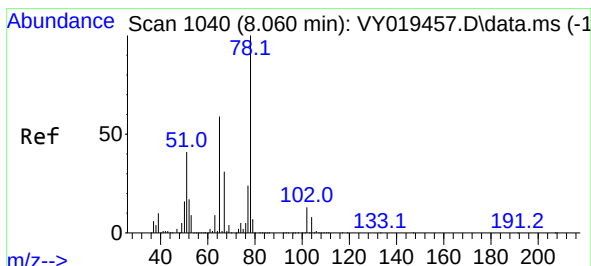
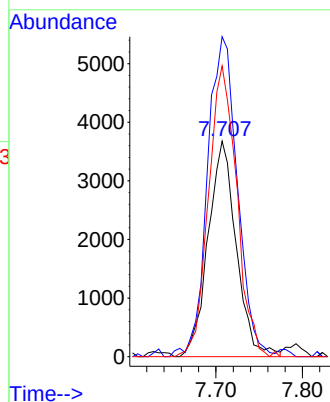
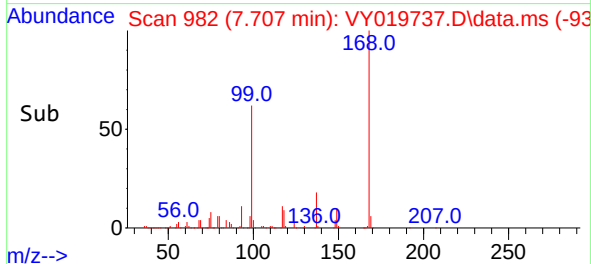


#31
Cyclohexane
Concen: 1.552 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

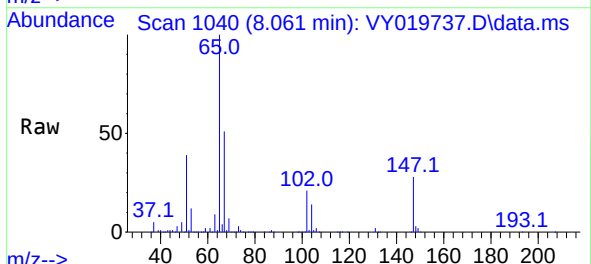
Instrument :
MSVOA_Y
ClientSampleId :



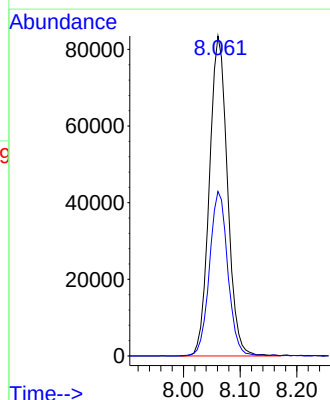
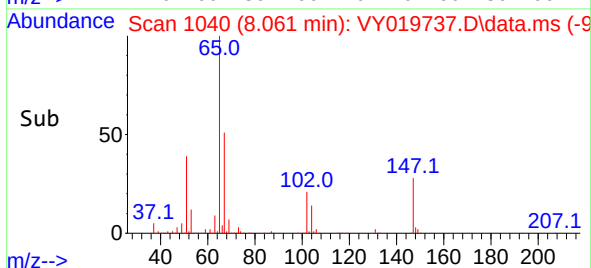
Tgt Ion: 56 Resp: 8302
Ion Ratio Lower Upper
56 100
69 145.3 28.7 43.1#
84 134.9 77.7 116.5#

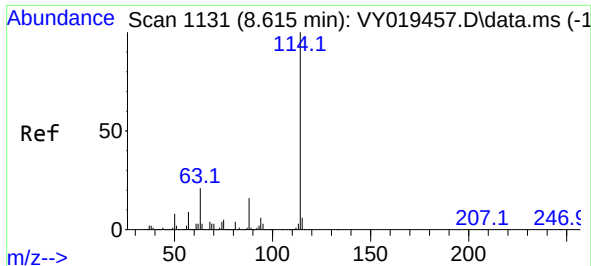


#33
1,2-Dichloroethane-d4
Concen: 61.891 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51



Tgt Ion: 65 Resp: 185044
Ion Ratio Lower Upper
65 100
67 52.0 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: VY019737.D

Acq: 01 Oct 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

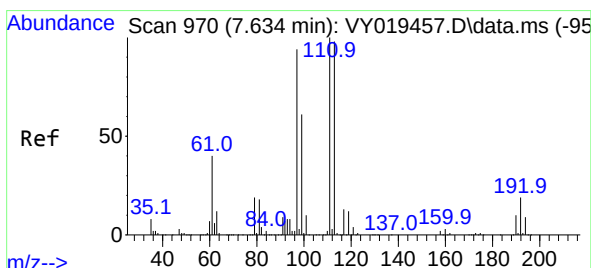
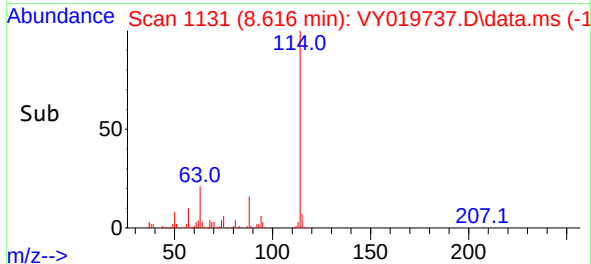
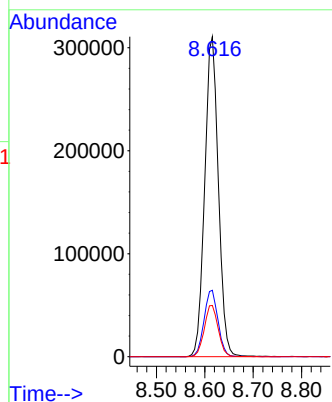
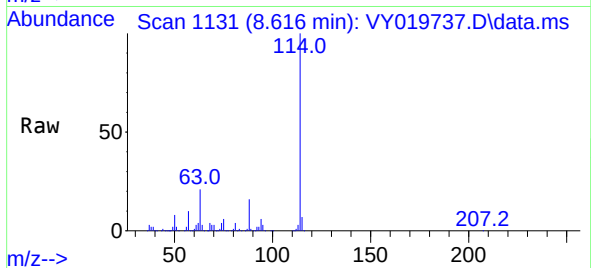
Tgt Ion:114 Resp: 609632

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.785 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

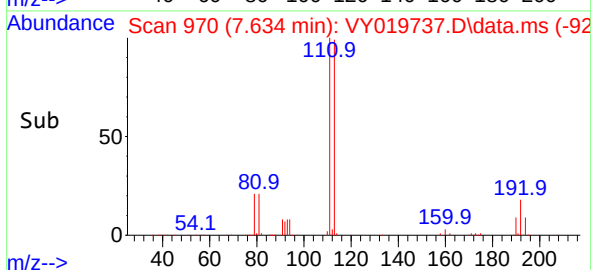
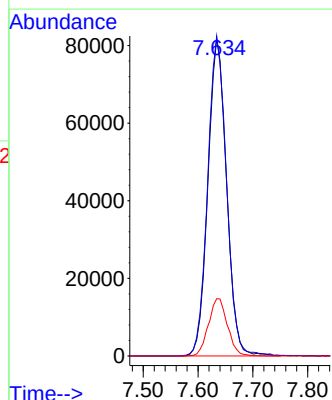
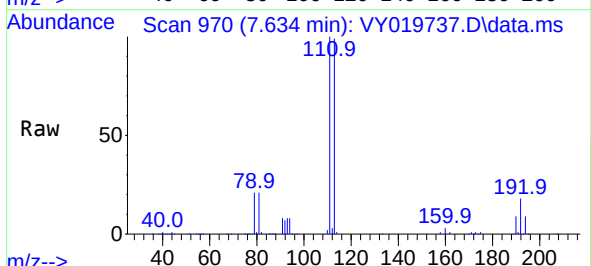
Tgt Ion:113 Resp: 192820

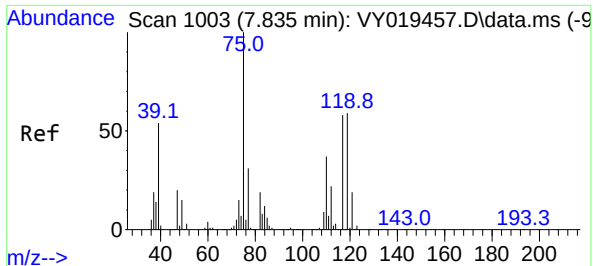
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

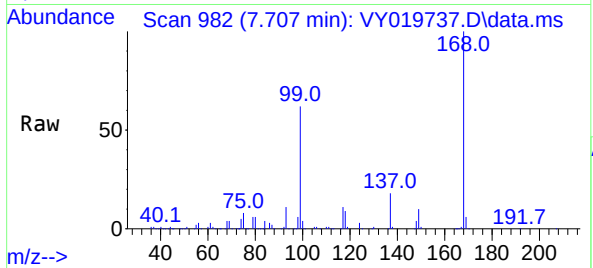
192 18.4 15.9 23.9



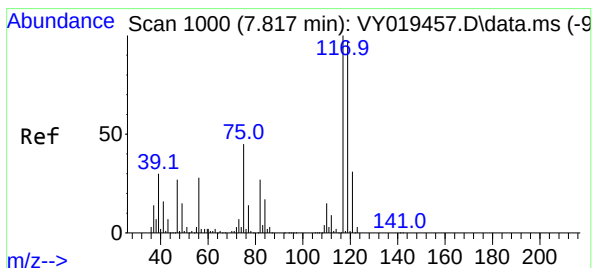
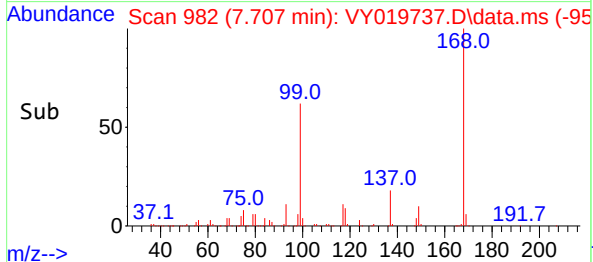
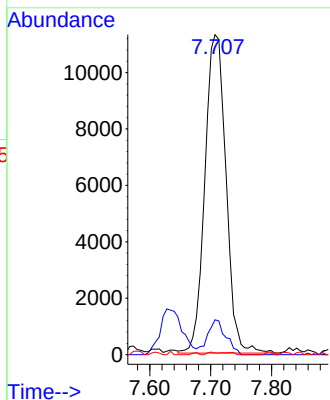


#36
1,1-Dichloropropene
Concen: 5.786 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

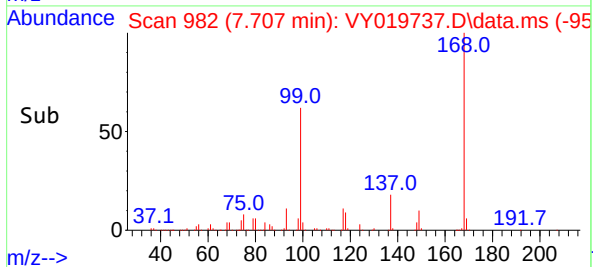
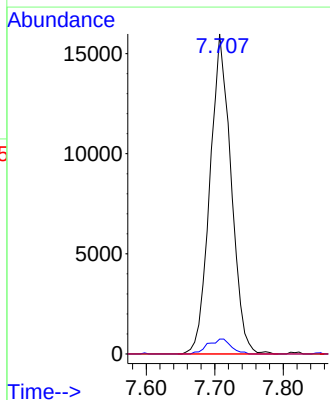
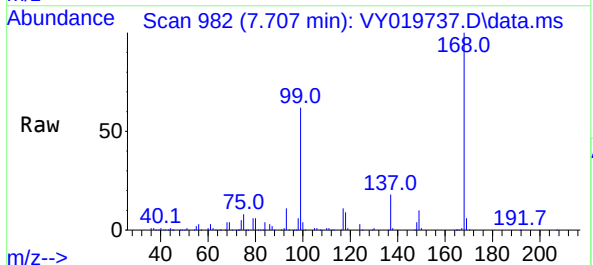


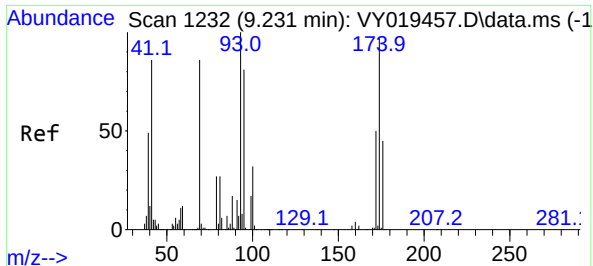
Tgt Ion: 75 Resp: 27211
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.4 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.109 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 117 Resp: 34183
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#

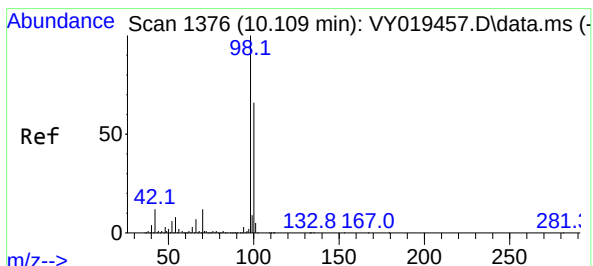
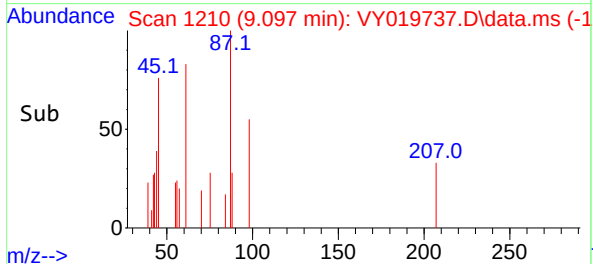
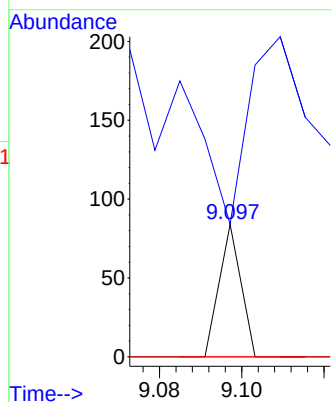
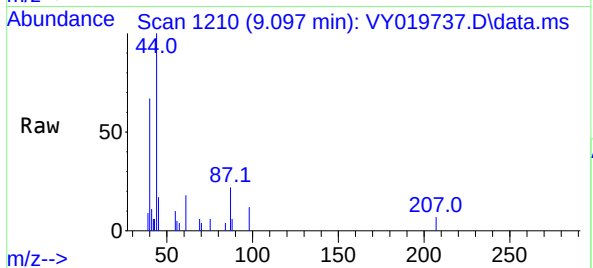




#49
1,4-Dioxane
Concen: 1.360 ug/l
RT: 9.097 min Scan# 11
Delta R.T. -0.134 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

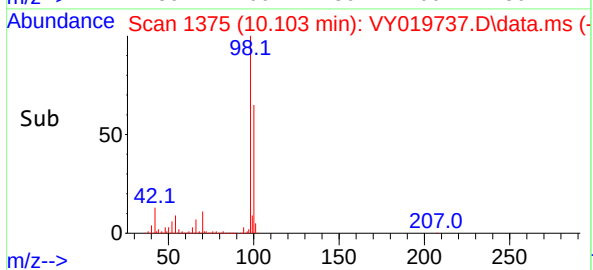
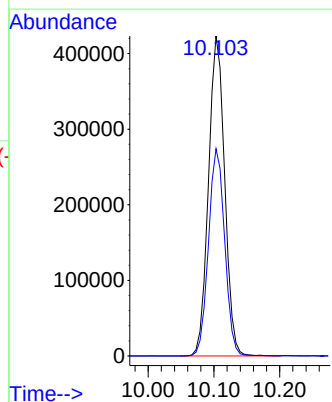
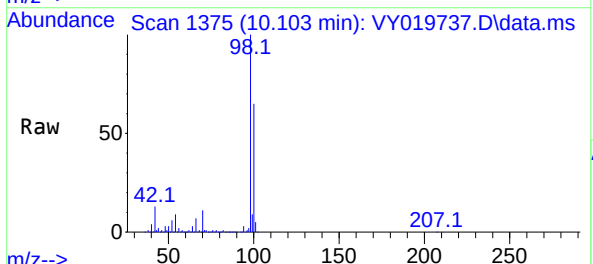
Instrument :
MSVOA_Y
ClientSampleId :

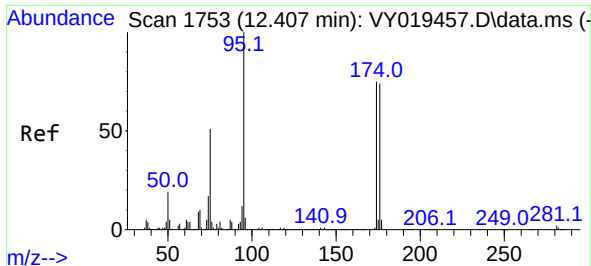
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 400.0 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 56.736 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 98 Resp: 725364
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

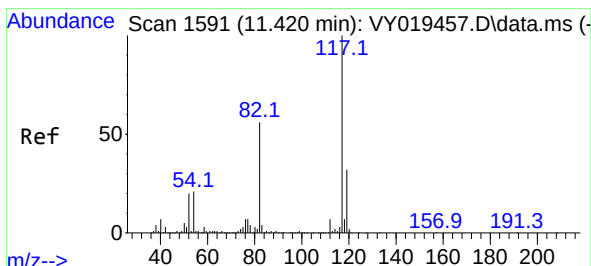
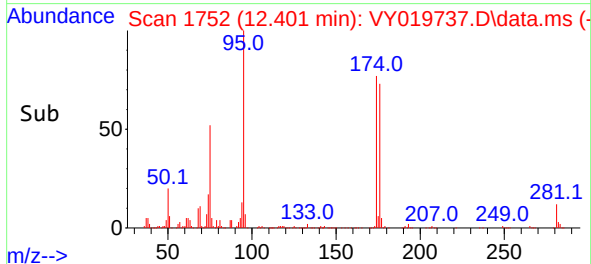
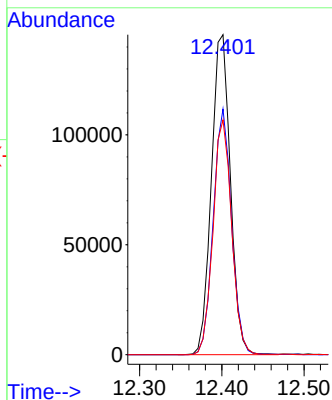
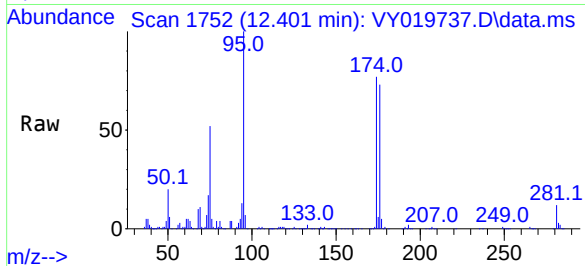




#62
4-Bromofluorobenzene
Concen: 47.615 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

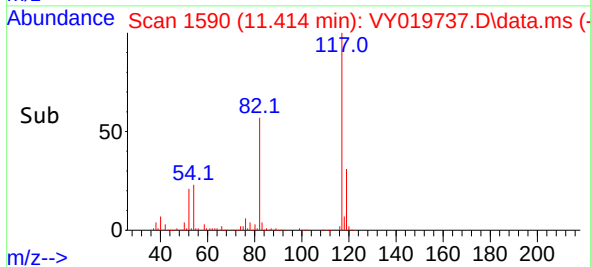
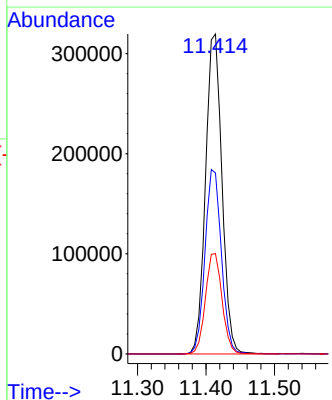
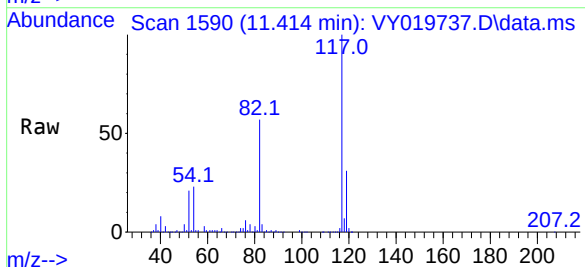
Instrument :
MSVOA_Y
ClientSampleId :

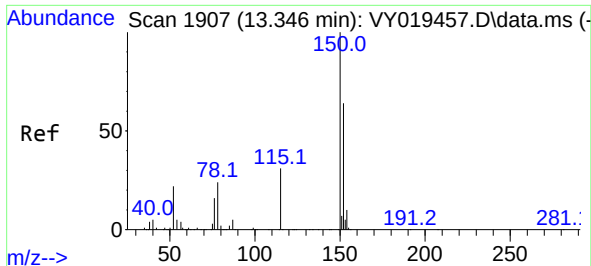
Tgt Ion: 95 Resp: 234070
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 71.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 117 Resp: 533201
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 31.4 25.9 38.9

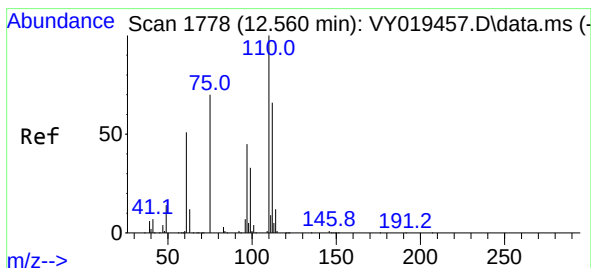
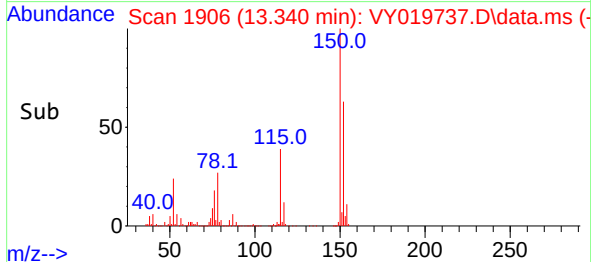
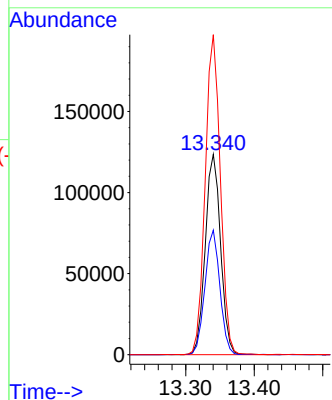
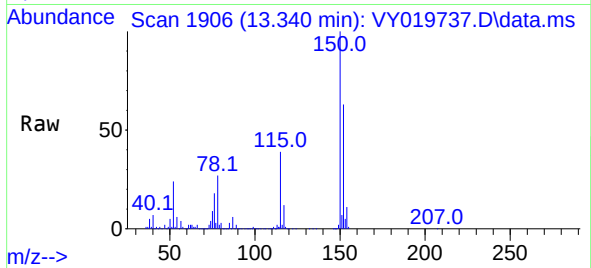




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

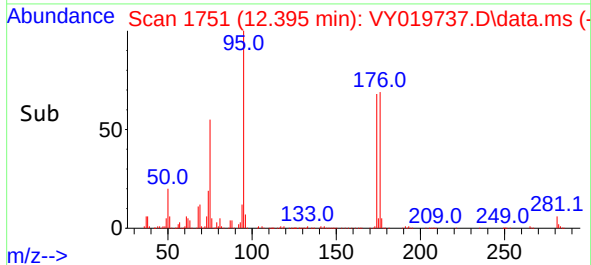
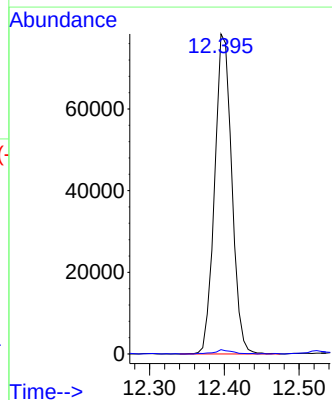
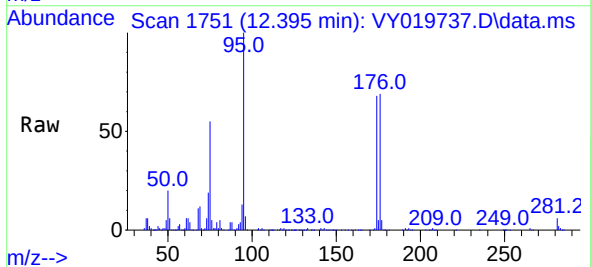
Instrument :
MSVOA_Y
ClientSampleId :

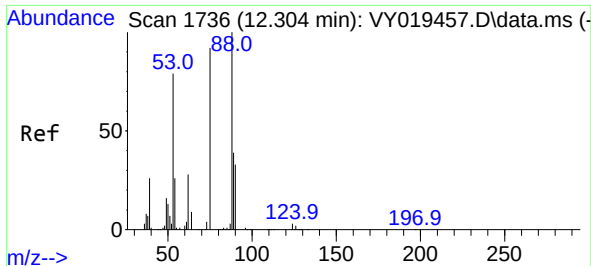
Tgt Ion:152 Resp: 192270
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 158.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 69.249 ug/l
RT: 12.395 min Scan# 1751
Delta R.T. -0.164 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 75 Resp: 124796
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

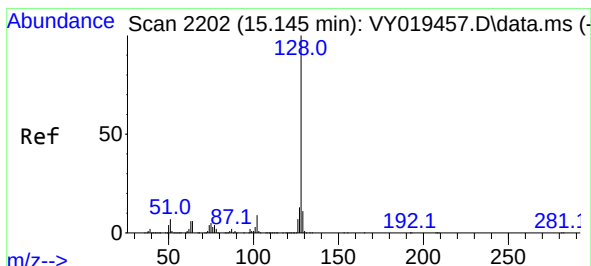
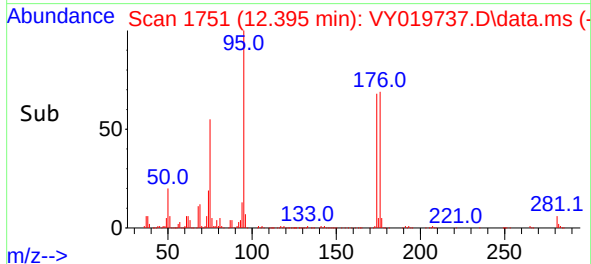
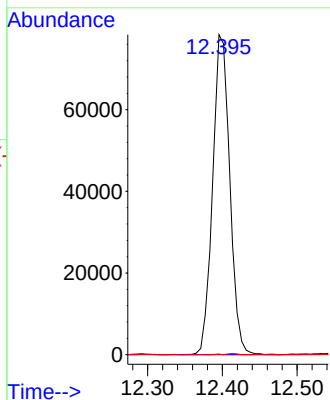
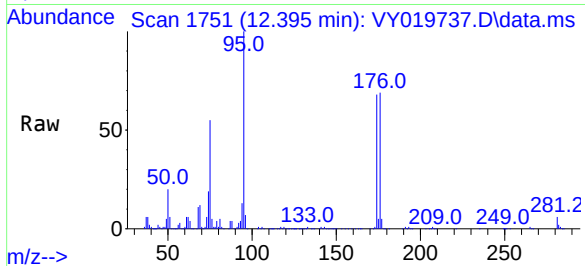




#81
trans-1,4-Dichloro-2-butene
Concen: 132.938 ug/l
RT: 12.395 min Scan# 11
Delta R.T. 0.092 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 124796
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 1.021 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion:128 Resp: 6674
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.6 8.6 13.0

