

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019695.D
 Acq On : 25 Sep 2024 15:14
 Operator : SY/MD
 Sample : P4172-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:01:08 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)

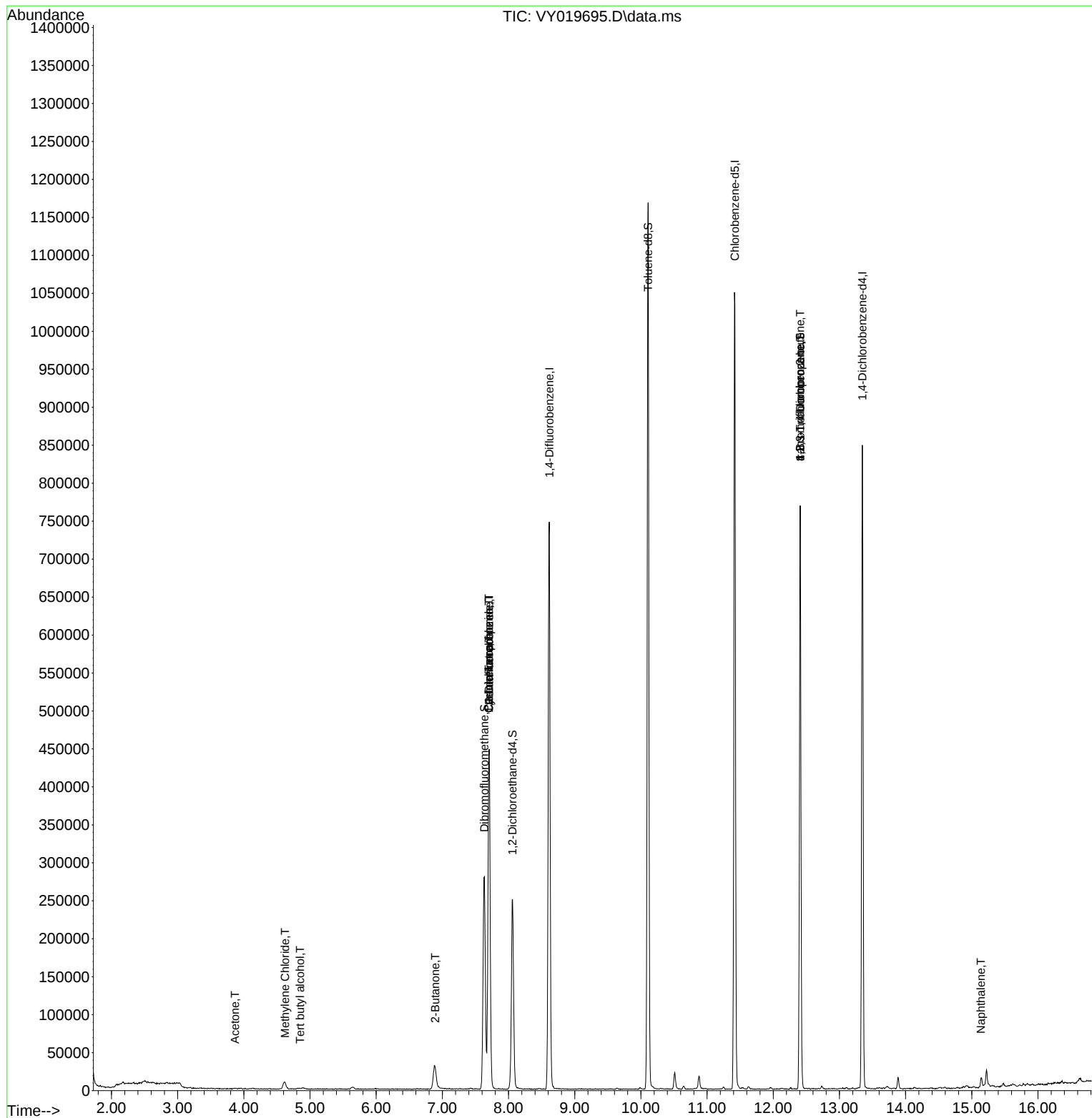
Internal Standards						
1) Pentafluorobenzene	7.707	168	334913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	639684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	559239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	196556	63.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.760%	
35) Dibromofluoromethane	7.634	113	203360	56.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.140%	
50) Toluene-d8	10.109	98	747870	55.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.500%	
62) 4-Bromofluorobenzene	12.407	95	240843	46.691	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.380%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	110	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	541	2.160	ug/l	100
13) Acrolein	3.622	56	26	Below Cal	#	1
16) Acetone	3.866	43	1824	2.469	ug/l	98
20) Methylene Chloride	4.622	84	6752	2.004	ug/l	# 90
25) 2-Butanone	6.890	43	2125	2.022	ug/l	# 62
31) Cyclohexane	7.701	56	7808	1.407	ug/l	# 13
36) 1,1-Dichloropropene	7.701	75	28524	5.780	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	36545	6.567	ug/l	# 15
76) 1,2,3-Trichloropropane	12.407	75	127885	67.147	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	127885	128.903	ug/l	# 16
95) Naphthalene	15.139	128	10711	1.551	ug/l	98

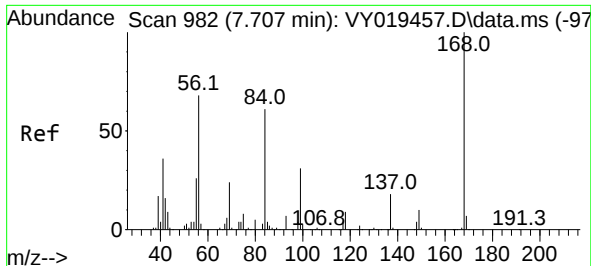
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

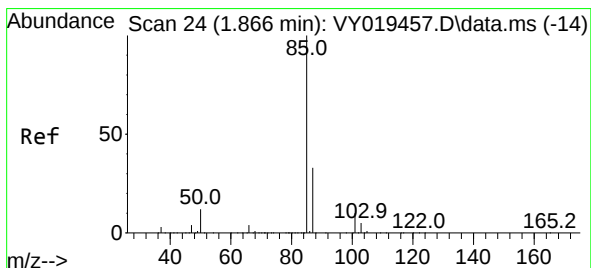
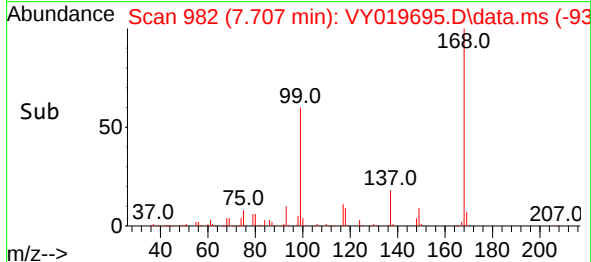
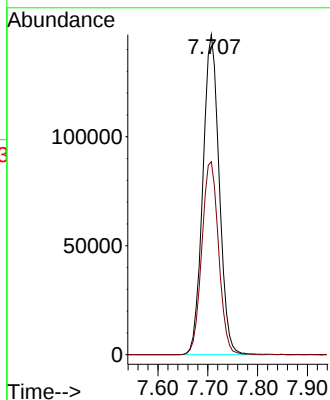
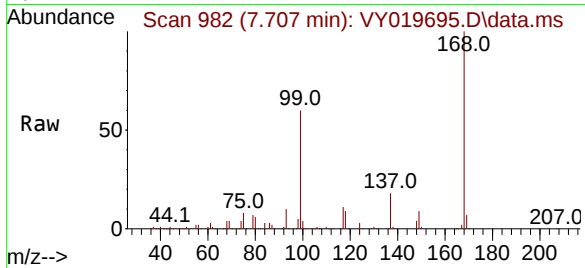




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

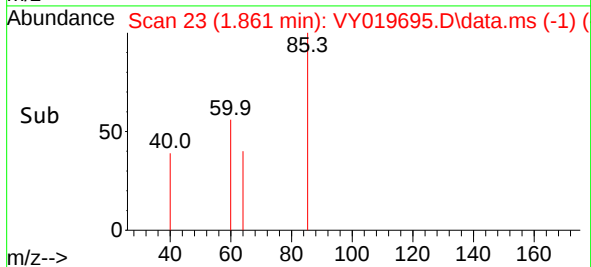
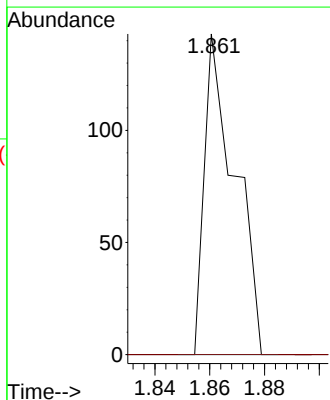
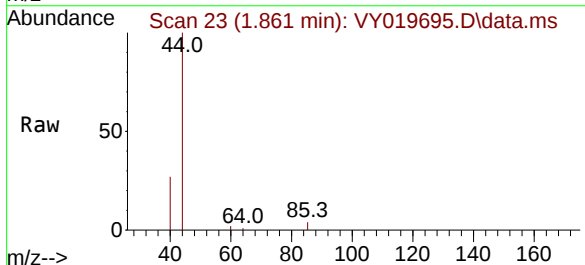
Instrument :
MSVOA_Y
ClientSampleId :

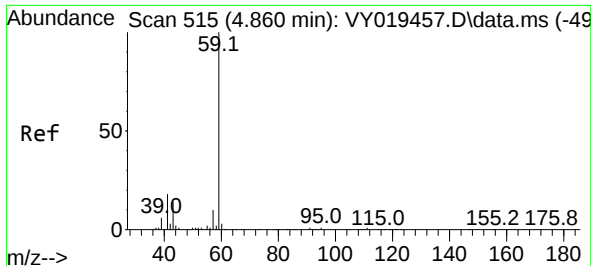
Tgt Ion:168 Resp: 334913
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Tgt Ion: 85 Resp: 110
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 2.160 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019695.D

Acq: 25 Sep 2024 15:14

Instrument :

MSVOA_Y

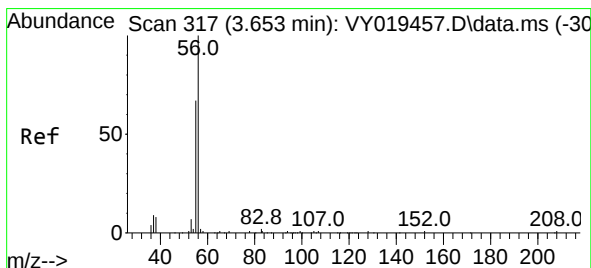
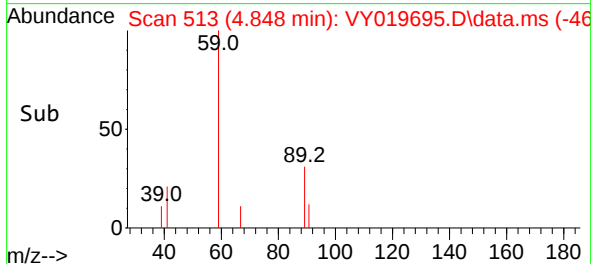
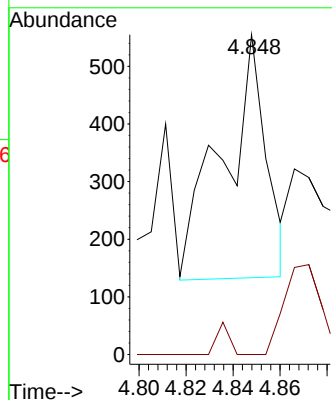
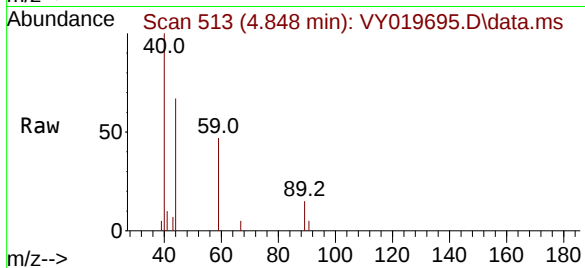
ClientSampleId :

Tgt Ion: 59 Resp: 541

Ion Ratio Lower Upper

59 100

57 3.7 3.0 4.6



#13

Acrolein

Concen: Below Cal

RT: 3.622 min Scan# 312

Delta R.T. -0.031 min

Lab File: VY019695.D

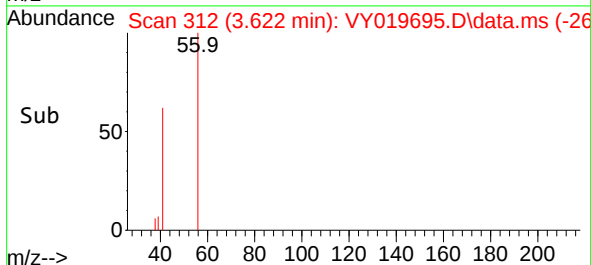
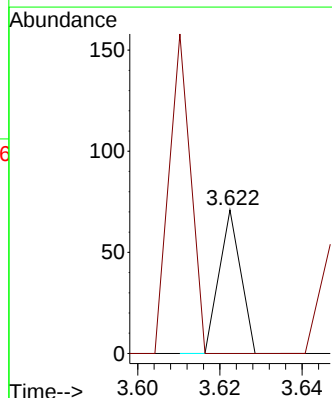
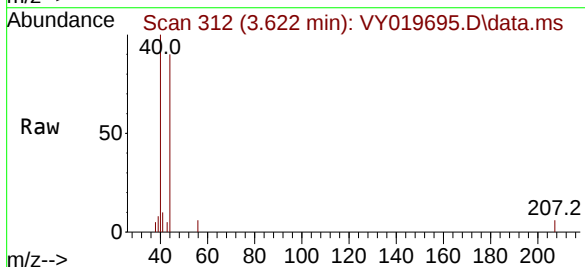
Acq: 25 Sep 2024 15:14

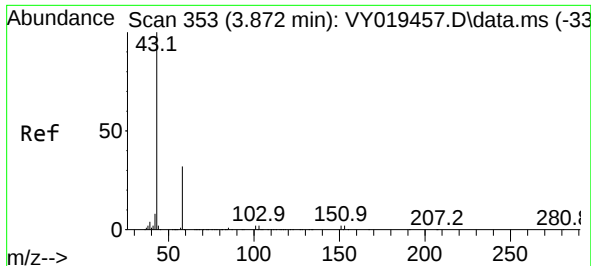
Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 223.1 55.7 83.5#

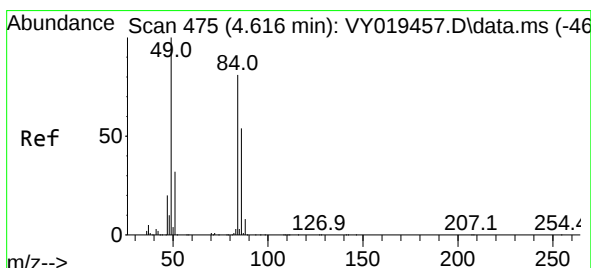
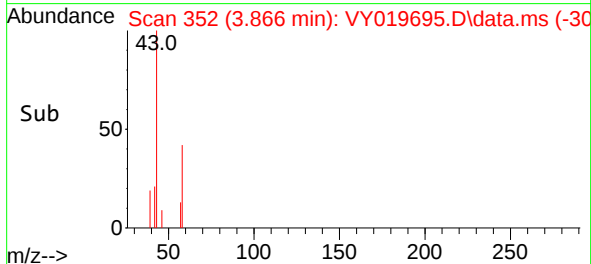
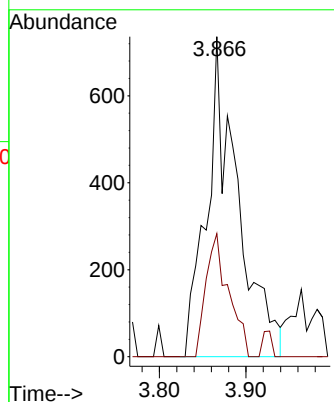
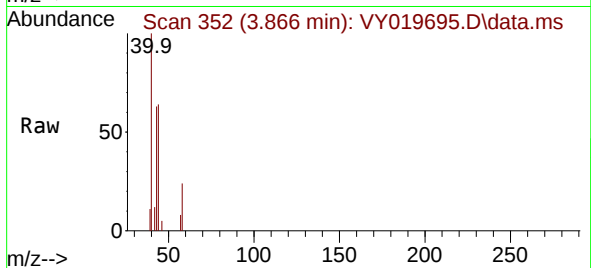




#16
Acetone
Concen: 2.469 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

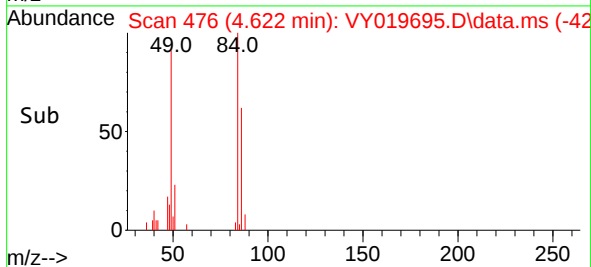
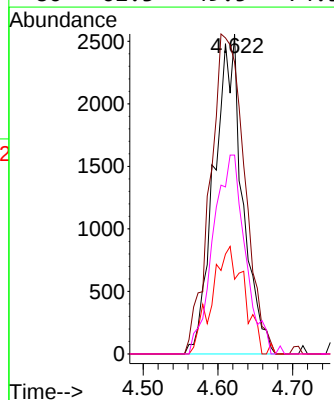
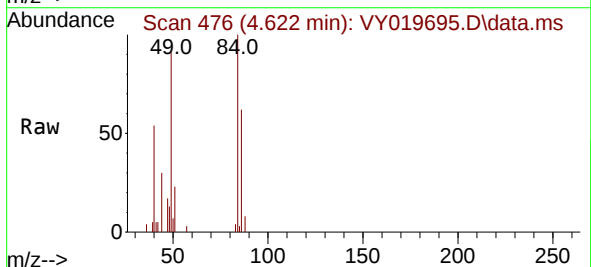
Instrument :
MSVOA_Y
ClientSampleId :

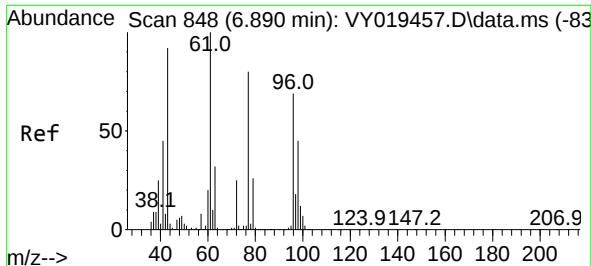
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 38.5 31.7 47.5



#20
Methylene Chloride
Concen: 2.004 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

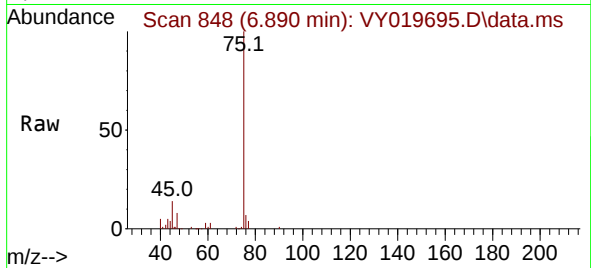
Tgt Ion: 84 Resp: 6752
Ion Ratio Lower Upper
84 100
49 91.3 84.4 126.6
51 23.4 26.0 39.0#
86 62.3 49.5 74.3



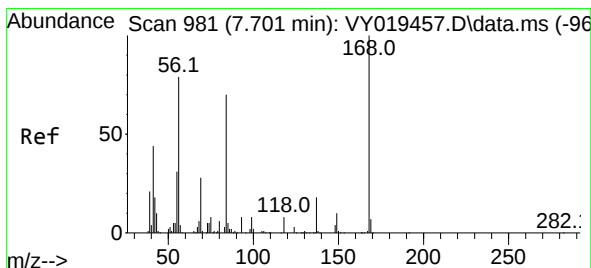
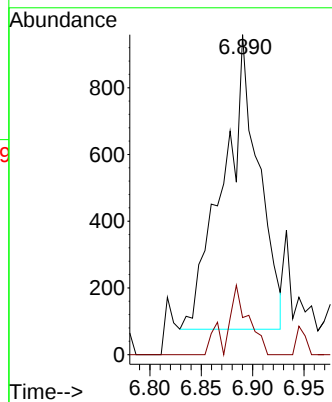
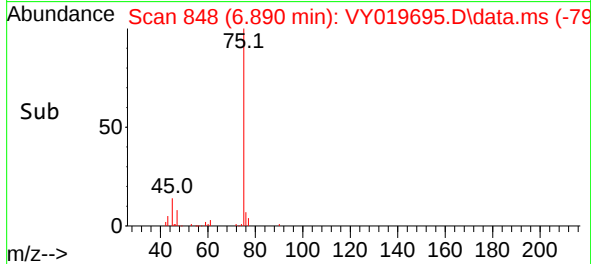


#25
2-Butanone
Concen: 2.022 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

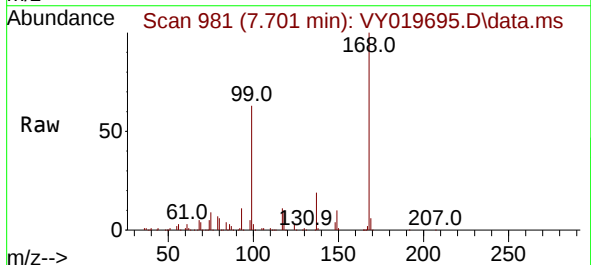
Instrument :
MSVOA_Y
ClientSampleId :



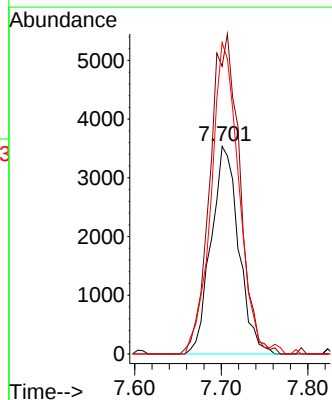
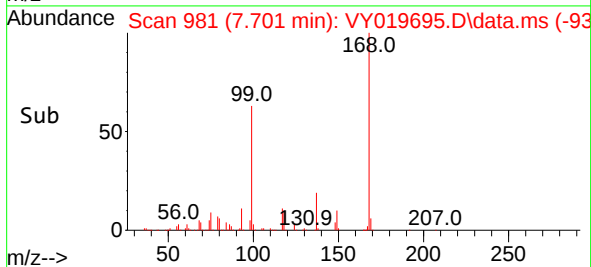
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
72 12.6 27.3 40.9#

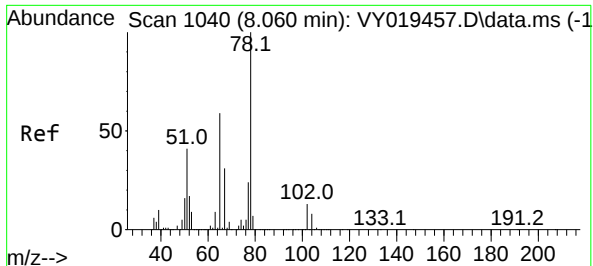


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14



Tgt Ion: 56 Resp: 7808
Ion Ratio Lower Upper
56 100
69 138.6 28.7 43.1#
84 150.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.380 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019695.D

Acq: 25 Sep 2024 15:14

Instrument :

MSVOA_Y

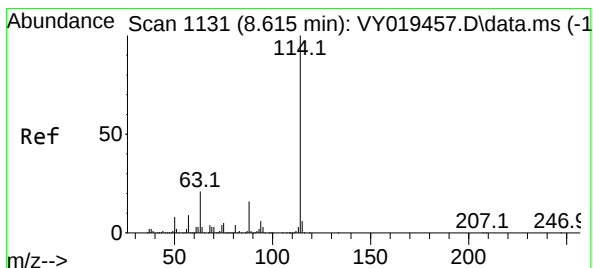
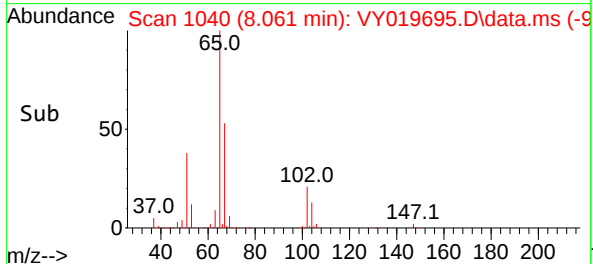
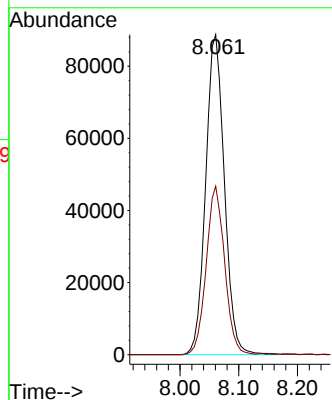
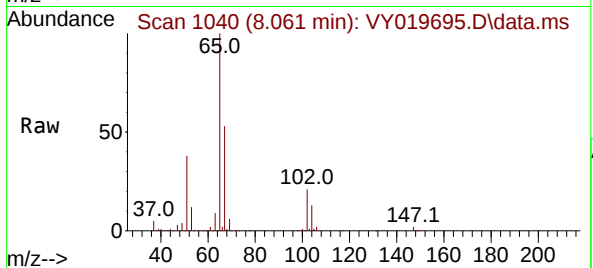
ClientSampleId :

Tgt Ion: 65 Resp: 196556

Ion Ratio Lower Upper

65 100

67 51.8 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: VY019695.D

Acq: 25 Sep 2024 15:14

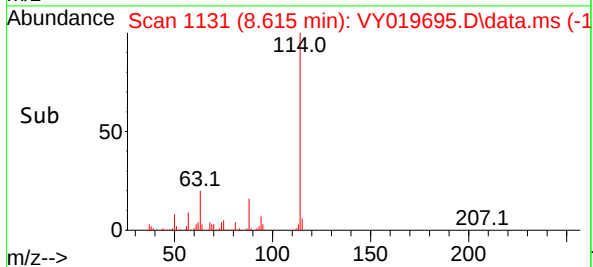
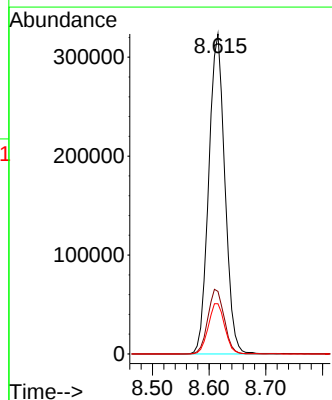
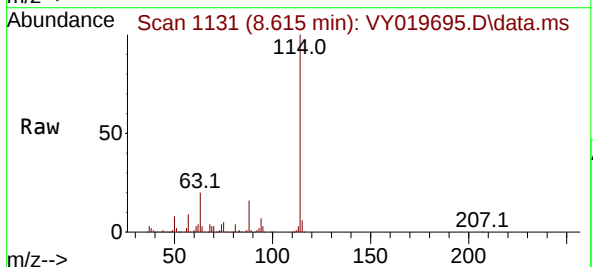
Tgt Ion: 114 Resp: 639684

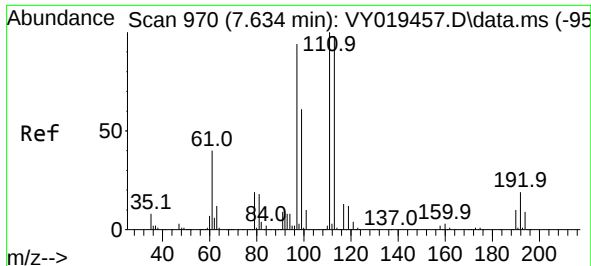
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

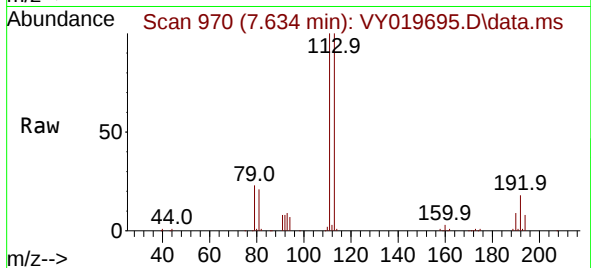
88 15.7 0.0 27.2



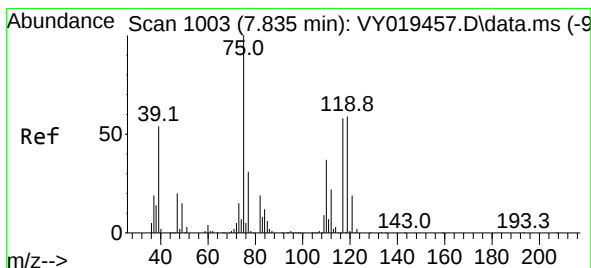
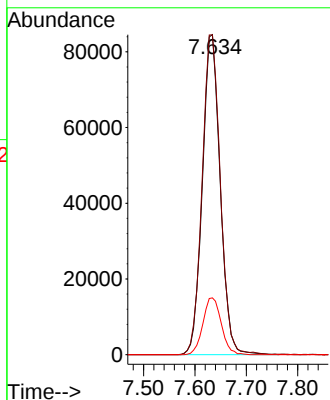
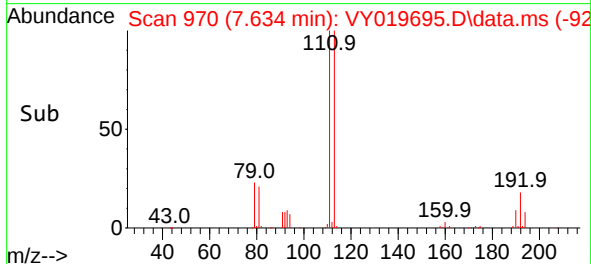


#35
Dibromofluoromethane
Concen: 56.070 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

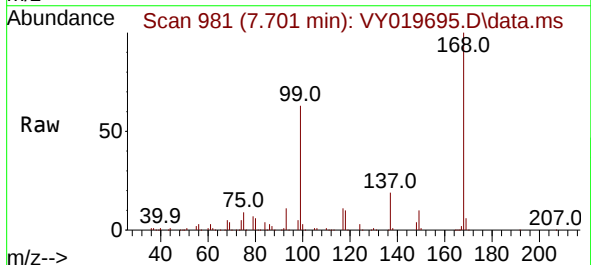
Instrument :
MSVOA_Y
ClientSampleId :



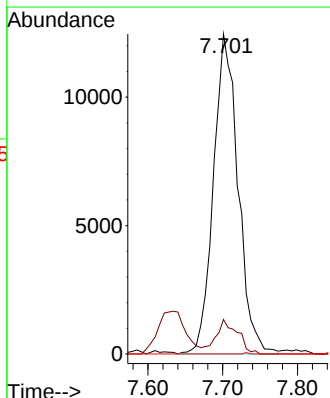
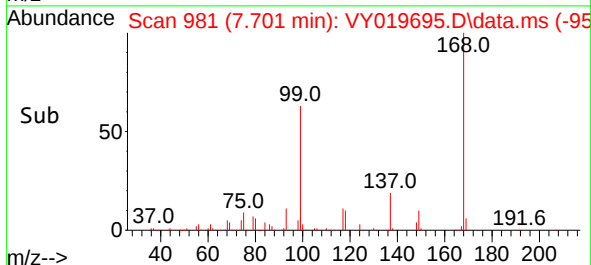
Tgt Ion:113 Resp: 203360
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.3 15.9 23.9

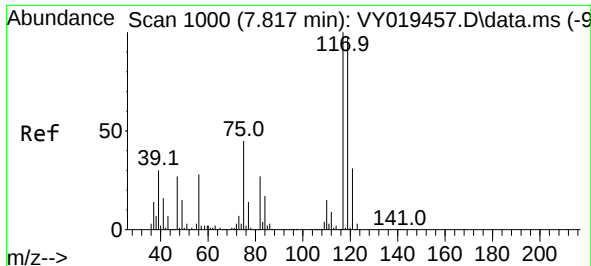


#36
1,1-Dichloropropene
Concen: 5.780 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14



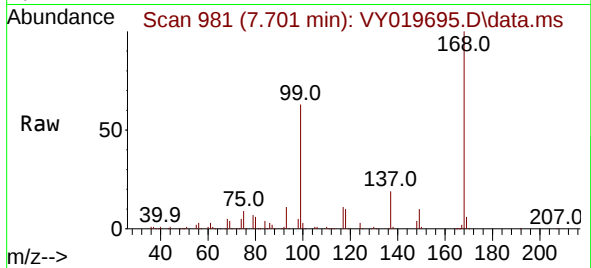
Tgt Ion: 75 Resp: 28524
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



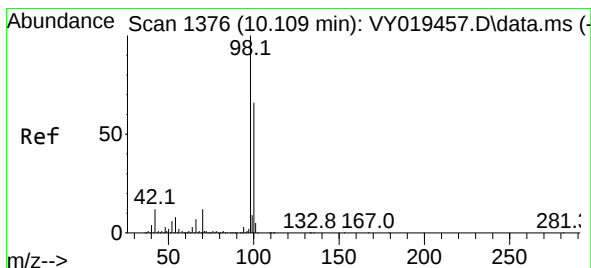
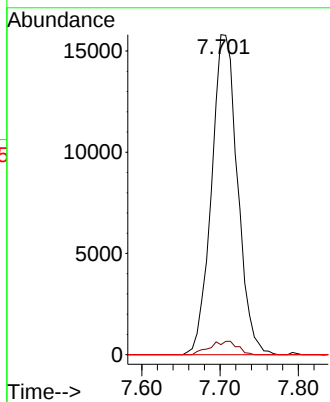
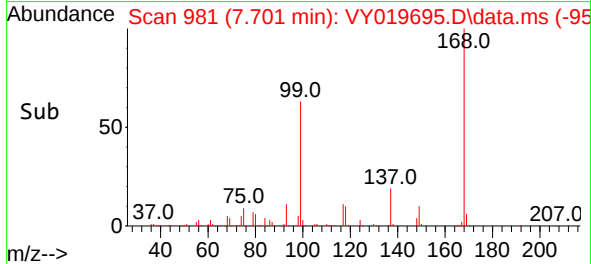


#38
Carbon Tetrachloride
Concen: 6.567 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

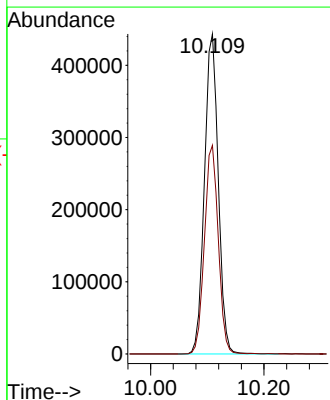
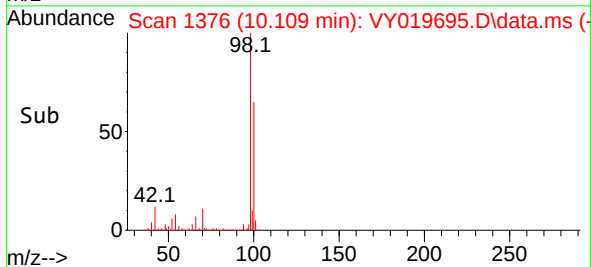
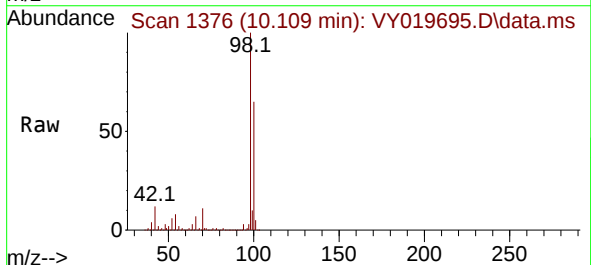


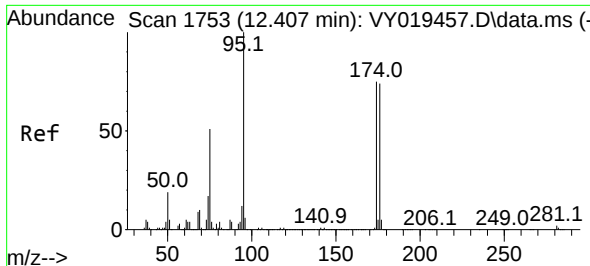
Tgt Ion:117 Resp: 36545
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 55.749 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Tgt Ion: 98 Resp: 747870
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

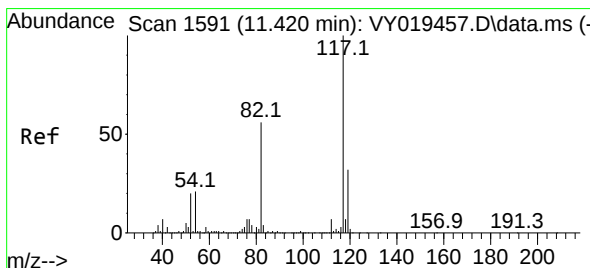
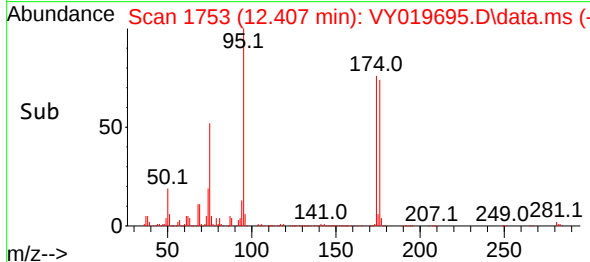
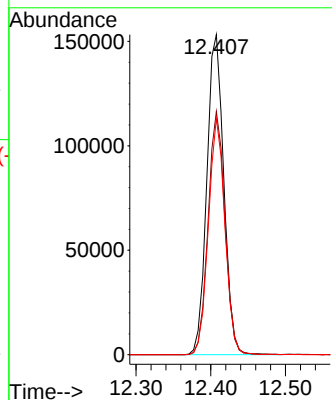
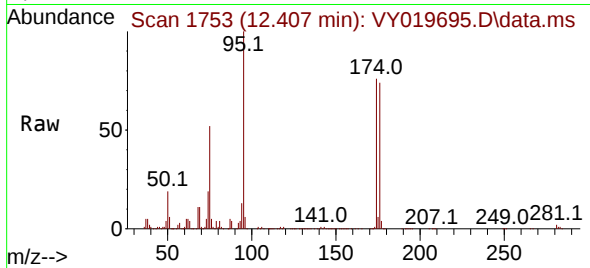




#62
4-Bromofluorobenzene
Concen: 46.691 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

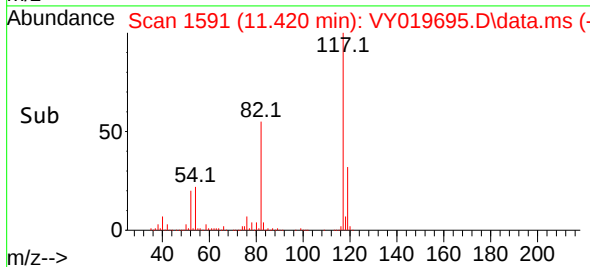
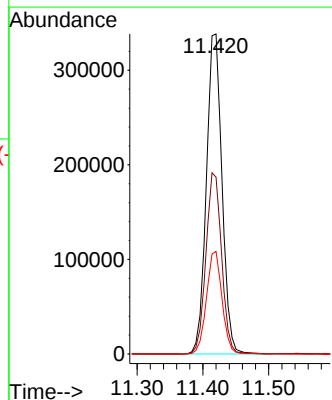
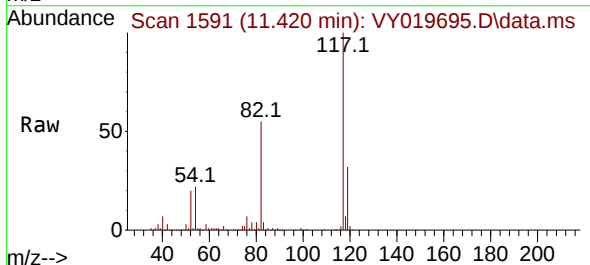
Instrument :
MSVOA_Y
ClientSampleId :

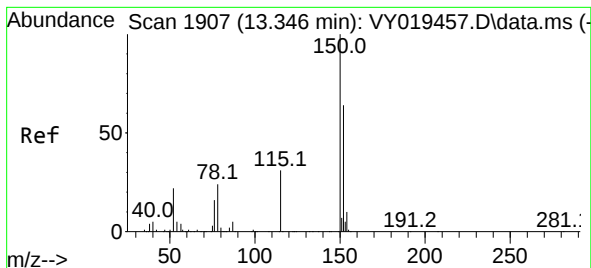
Tgt Ion: 95 Resp: 240843
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 71.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Tgt Ion: 117 Resp: 559239
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.0 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: VY019695.D

Acq: 25 Sep 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

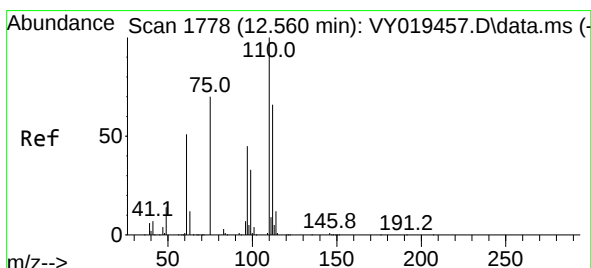
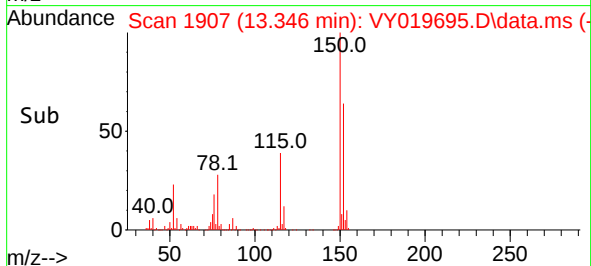
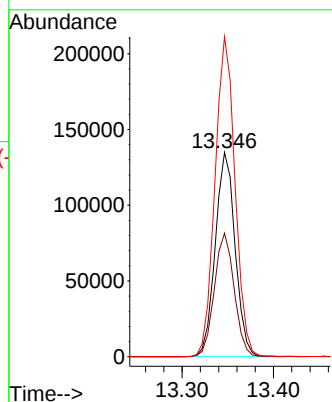
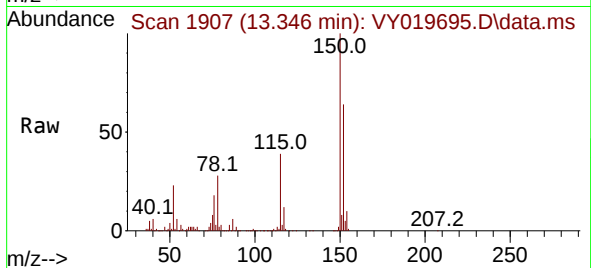
Tgt Ion:152 Resp: 203198

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 158.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.147 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019695.D

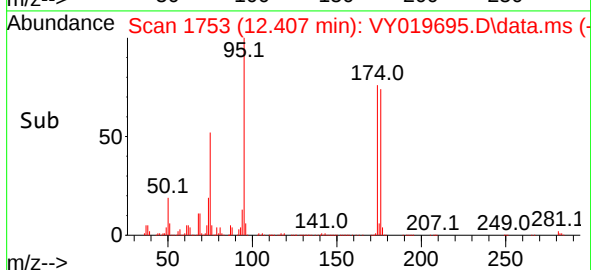
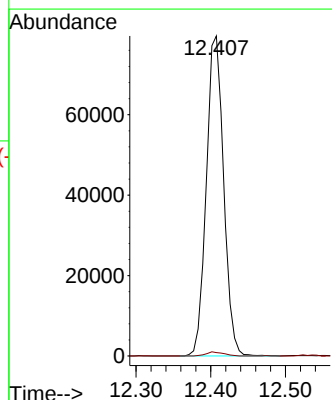
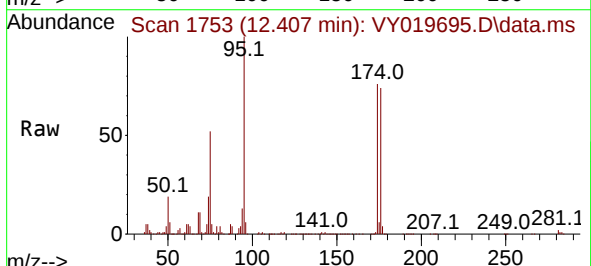
Acq: 25 Sep 2024 15:14

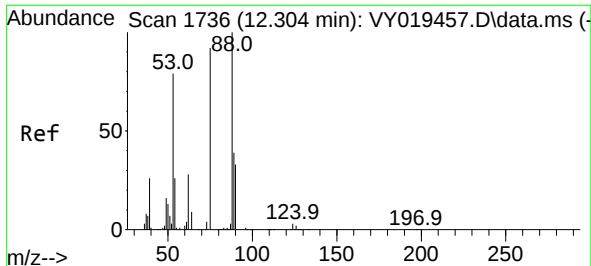
Tgt Ion: 75 Resp: 127885

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

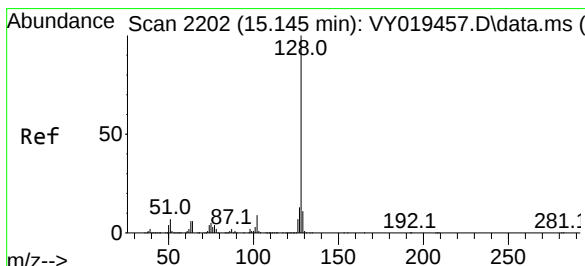
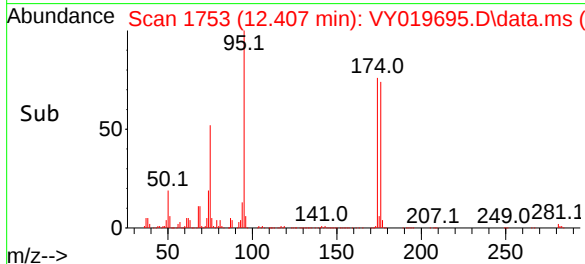
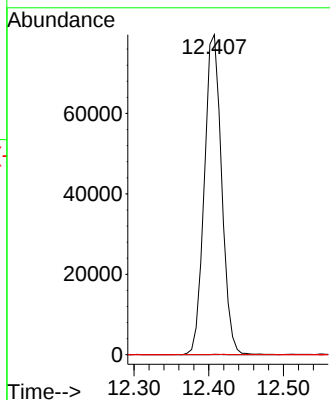
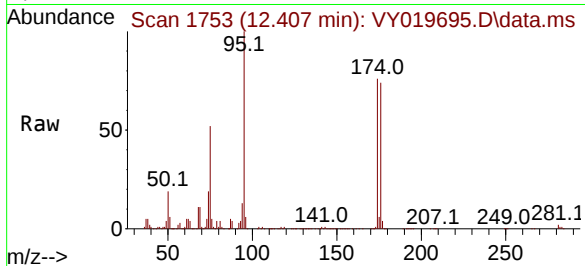




#81
trans-1,4-Dichloro-2-butene
Concen: 128.903 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 127885
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.551 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019695.D
Acq: 25 Sep 2024 15:14

Tgt Ion:128 Resp: 10711
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.9 8.6 13.0

