

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019500.D
 Acq On : 11 Sep 2024 10:08
 Operator : SY/MD
 Sample : VY0911SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:30:40 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)

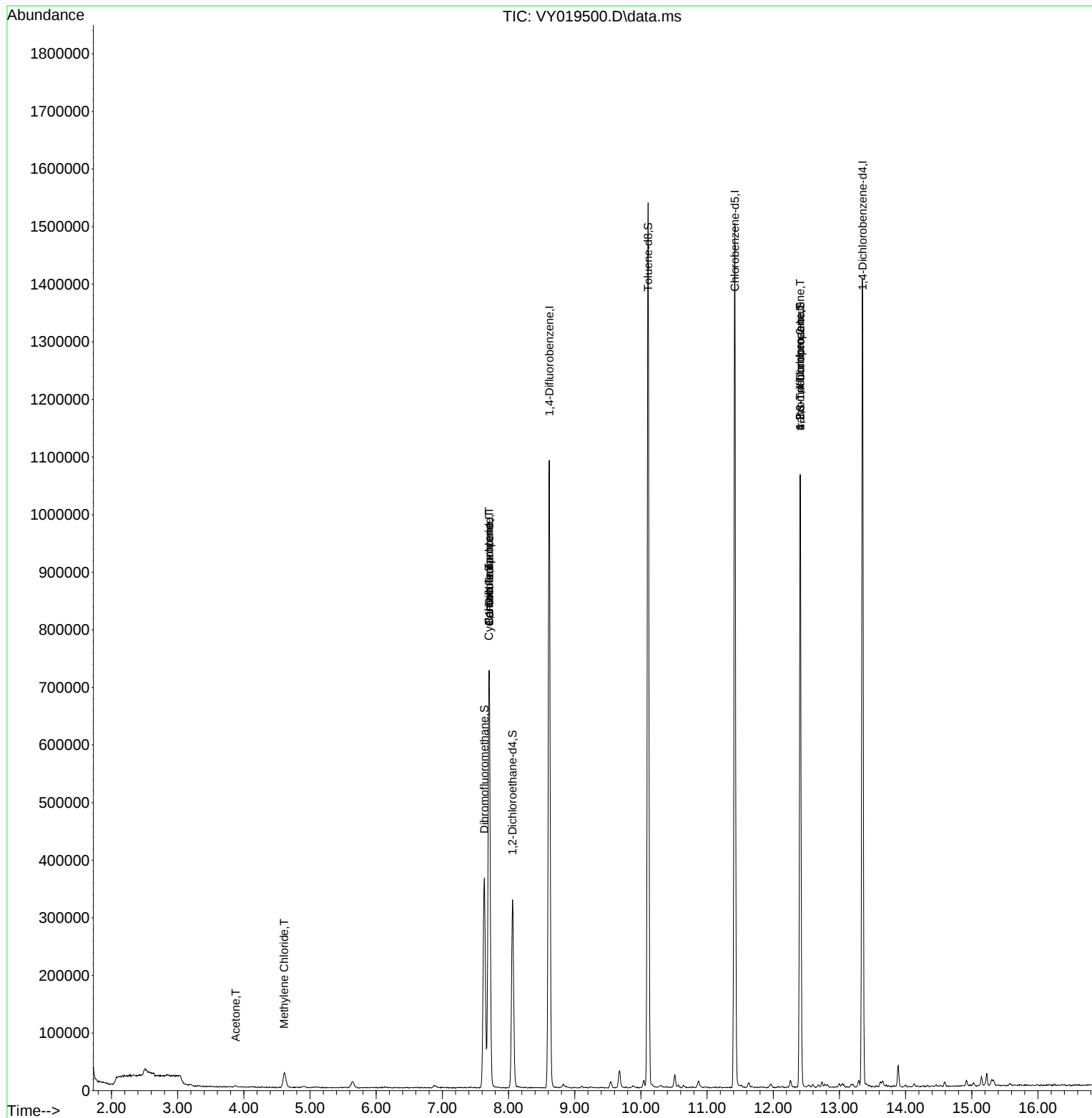
Internal Standards						
1) Pentafluorobenzene	7.707	168	547645	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	922208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	764317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	340487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	257959	50.869	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.740%		
35) Dibromofluoromethane	7.634	113	262860	50.272	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.540%		
50) Toluene-d8	10.109	98	980605	50.704	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.400%		
62) 4-Bromofluorobenzene	12.408	95	336854	45.298	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 90.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	566	Below Cal	#	43
13) Acrolein	3.653	56	251	Below Cal		94
16) Acetone	3.879	43	5320	4.404	ug/l #	72
20) Methylene Chloride	4.610	84	18861	3.423	ug/l	90
31) Cyclohexane	7.701	56	13428	1.480	ug/l #	7
36) 1,1-Dichloropropene	7.707	75	45863	6.446	ug/l #	49
38) Carbon Tetrachloride	7.707	117	58796	7.328	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	176116	55.185	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	176116	105.940	ug/l #	16

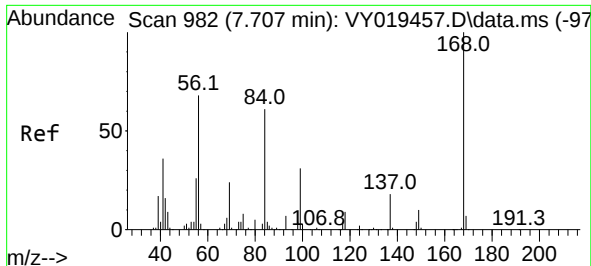
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
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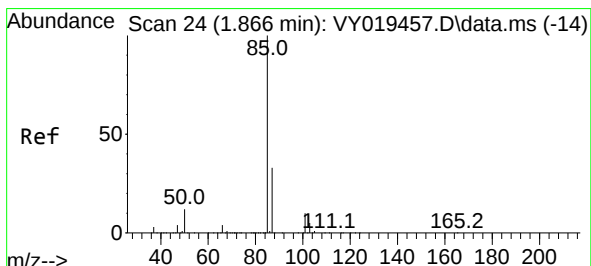
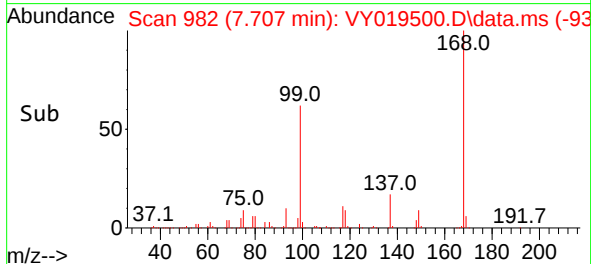
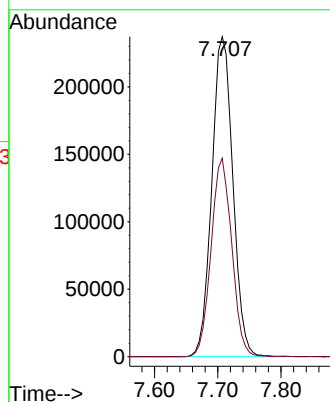
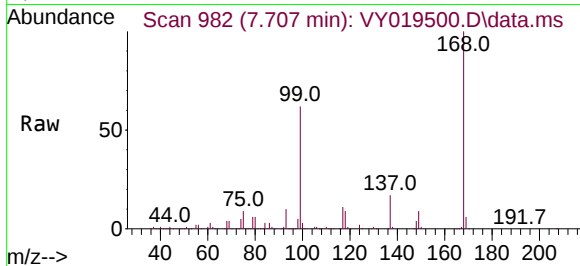




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

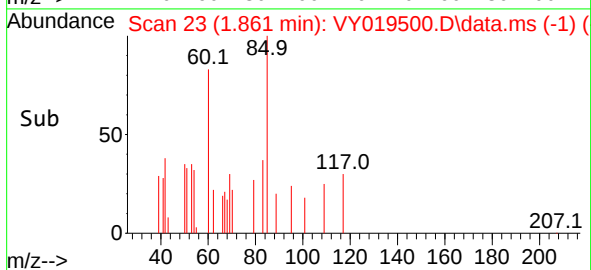
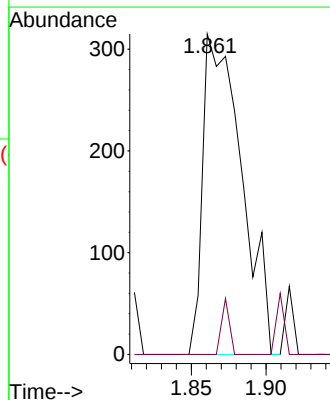
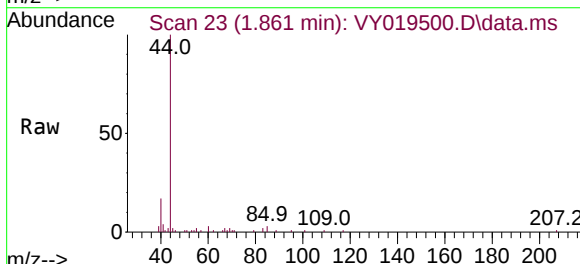
Instrument :
MSVOA_Y
ClientSampleId :

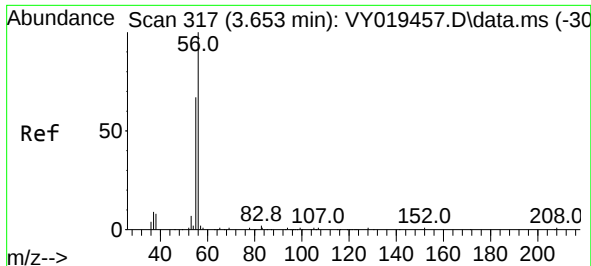
Tgt Ion:168 Resp: 547645
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Tgt Ion: 85 Resp: 566
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#13

Acrolein

Concen: Below Cal

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019500.D

Acq: 11 Sep 2024 10:08

Instrument :

MSVOA_Y

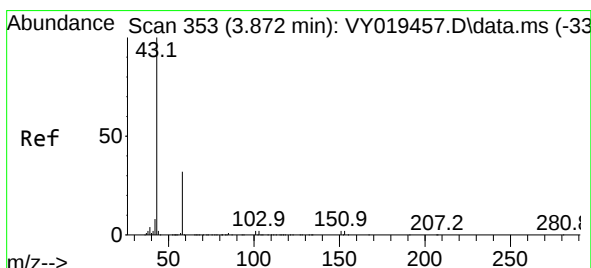
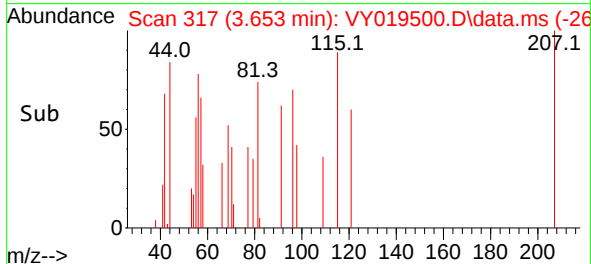
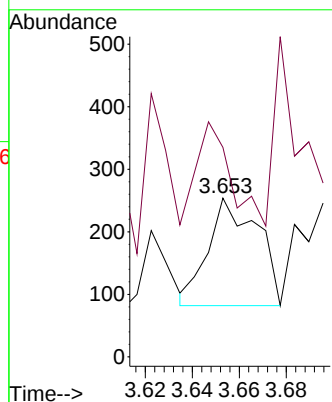
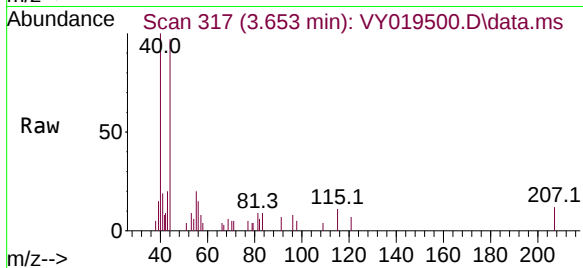
ClientSampleId :

Tgt Ion: 56 Resp: 251

Ion Ratio Lower Upper

56 100

55 74.1 55.7 83.5



#16

Acetone

Concen: 4.404 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019500.D

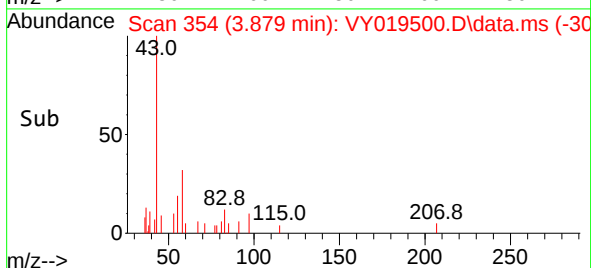
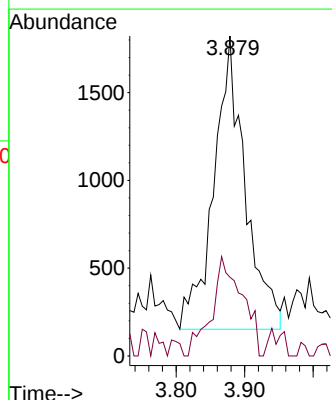
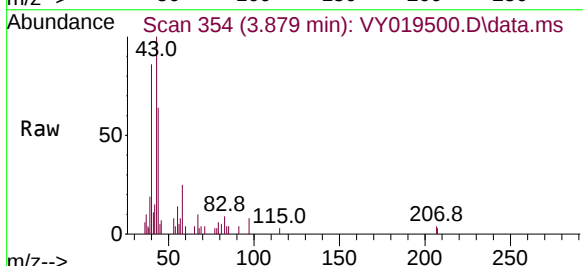
Acq: 11 Sep 2024 10:08

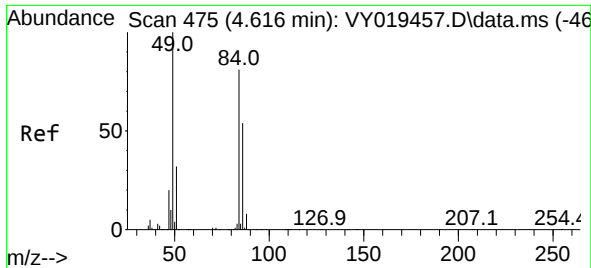
Tgt Ion: 43 Resp: 5320

Ion Ratio Lower Upper

43 100

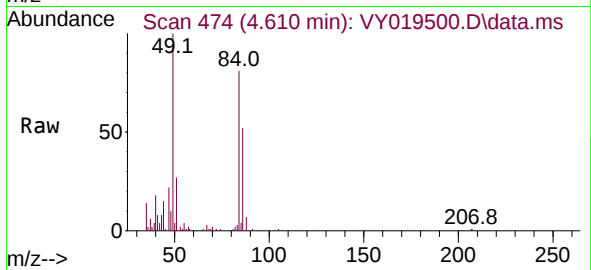
58 22.6 31.7 47.5#



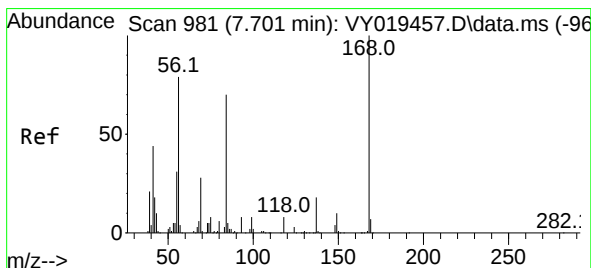
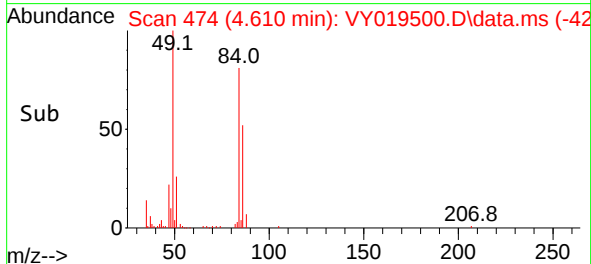
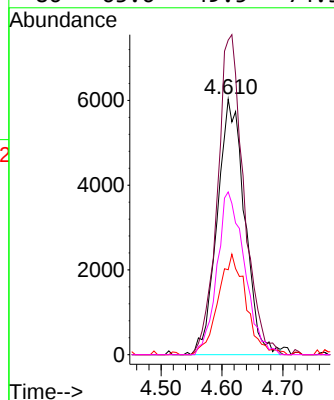


#20
Methylene Chloride
Concen: 3.423 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Instrument :
MSVOA_Y
ClientSampleId :

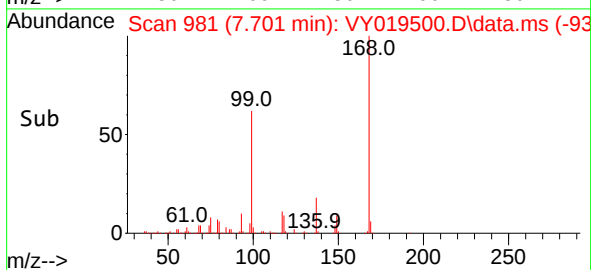
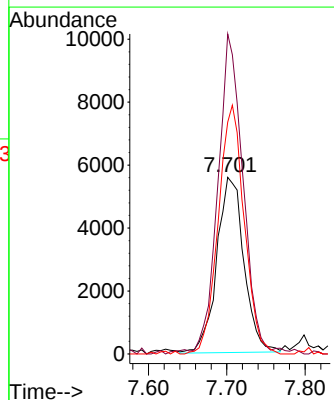
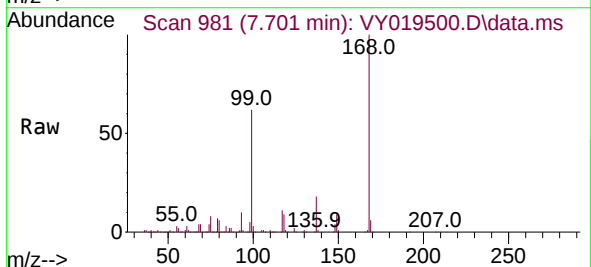


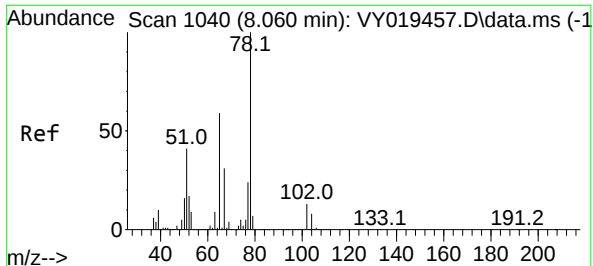
Tgt Ion:	84	Resp:	18861
Ion	Ratio	Lower	Upper
84	100		
49	123.1	84.4	126.6
51	33.3	26.0	39.0
86	63.6	49.5	74.3



#31
Cyclohexane
Concen: 1.480 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Tgt Ion:	56	Resp:	13428
Ion	Ratio	Lower	Upper
56	100		
69	181.4	28.7	43.1#
84	132.8	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 50.869 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019500.D

Acq: 11 Sep 2024 10:08

Instrument :

MSVOA_Y

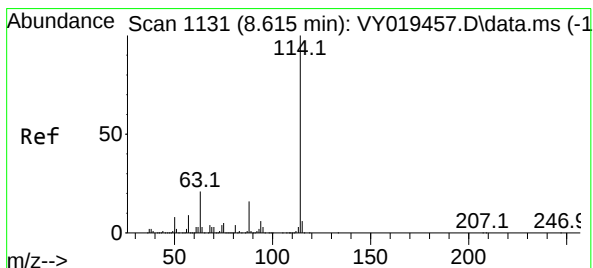
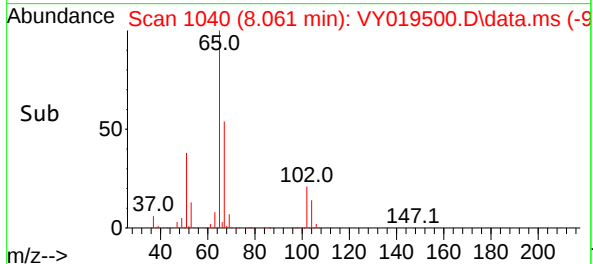
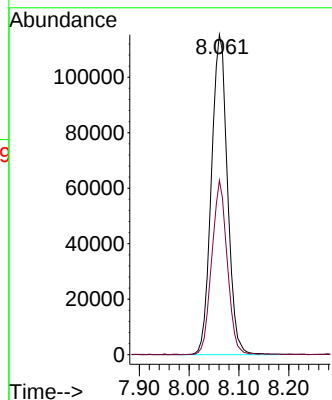
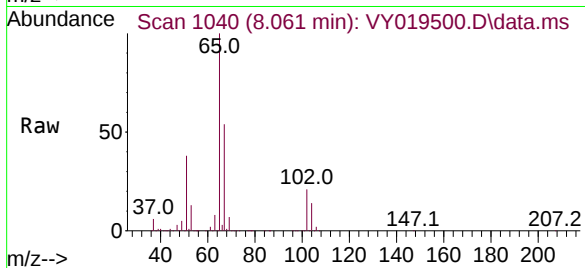
ClientSampleId :

Tgt Ion: 65 Resp: 257959

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019500.D

Acq: 11 Sep 2024 10:08

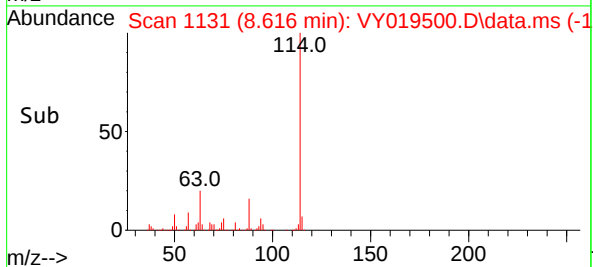
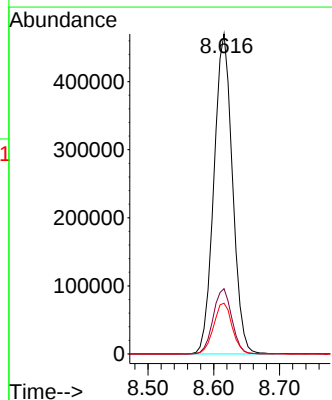
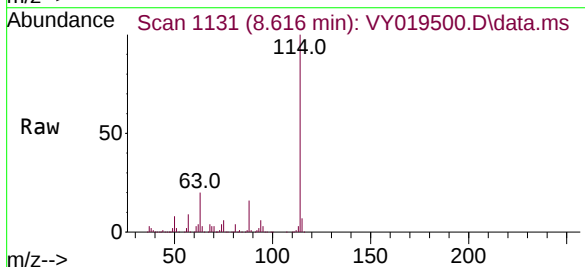
Tgt Ion: 114 Resp: 922208

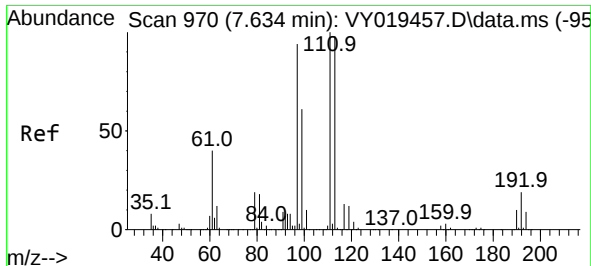
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.8 0.0 27.2

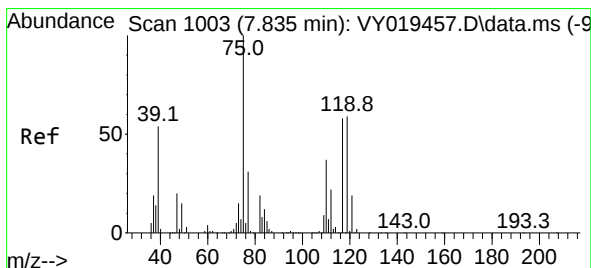
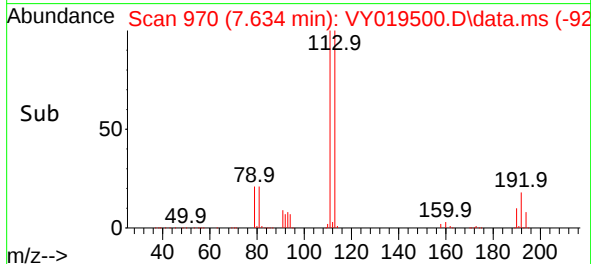
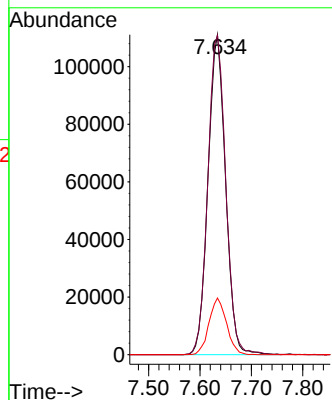
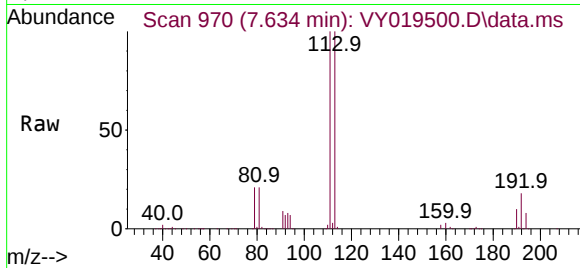




#35
Dibromofluoromethane
Concen: 50.272 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

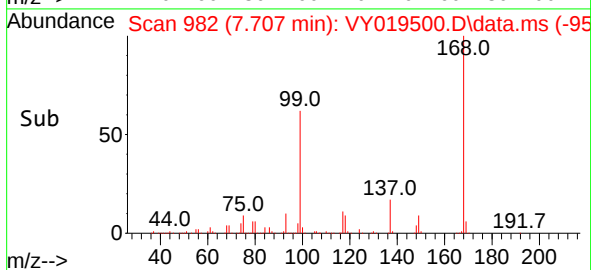
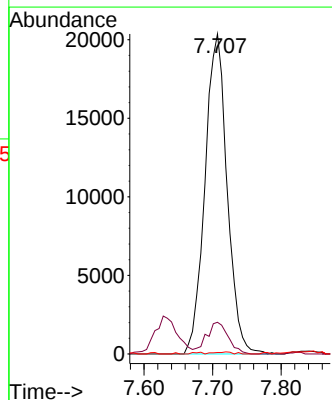
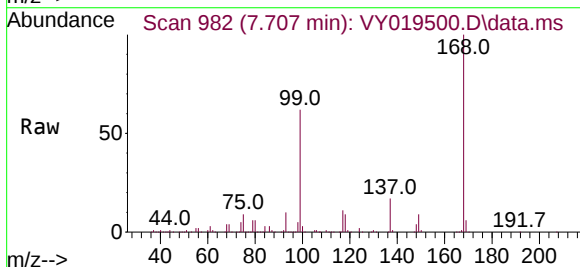
Instrument :
MSVOA_Y
ClientSampleId :

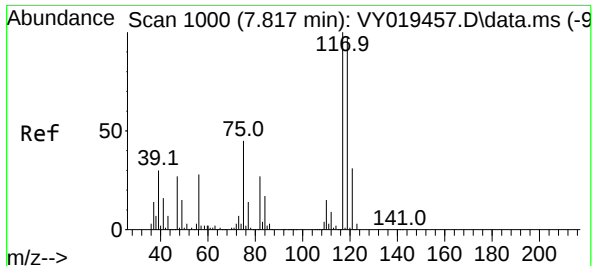
Tgt Ion:113 Resp: 262860
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.446 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

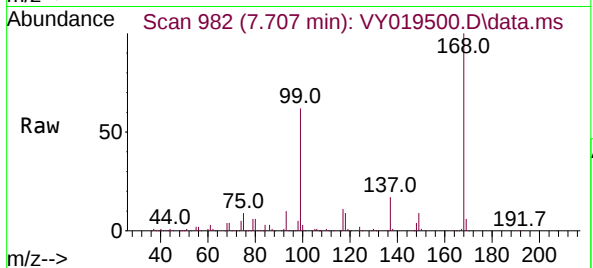
Tgt Ion: 75 Resp: 45863
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.5 25.3 37.9#



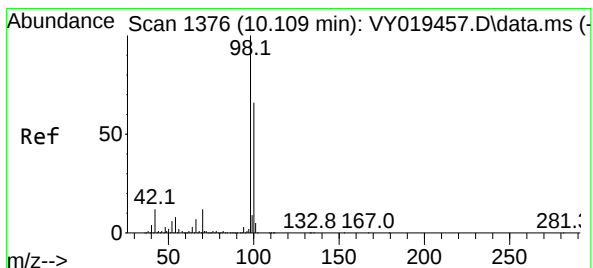
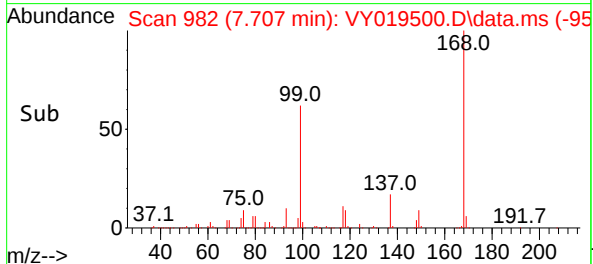
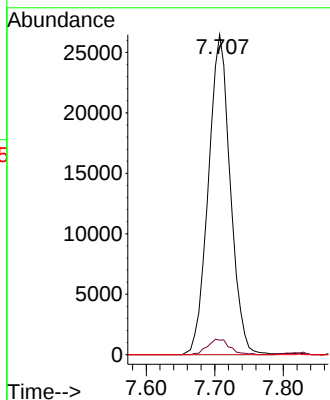


#38
Carbon Tetrachloride
Concen: 7.328 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Instrument :
MSVOA_Y
ClientSampleId :

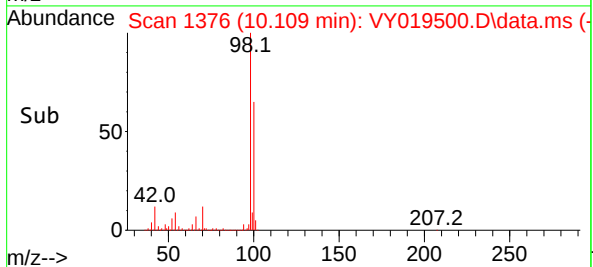
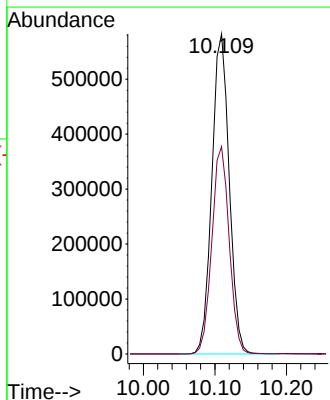
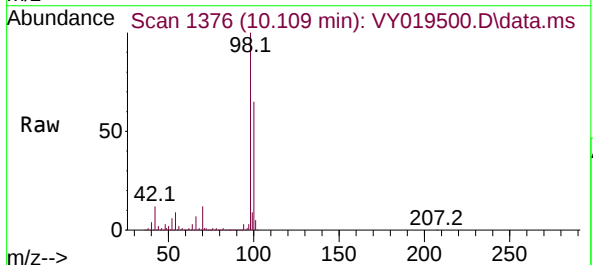


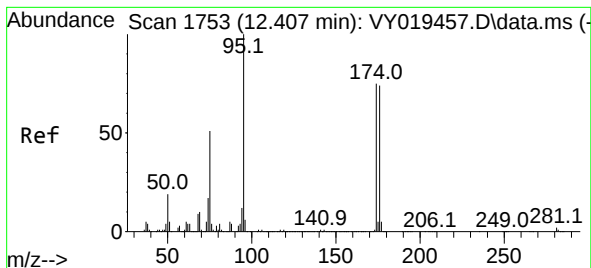
Tgt Ion:117 Resp: 58796
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.704 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Tgt Ion: 98 Resp: 980605
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

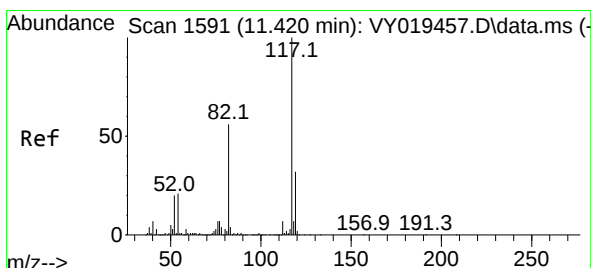
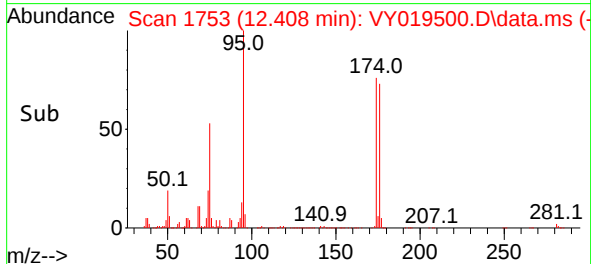
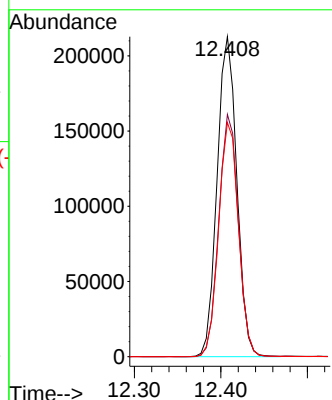
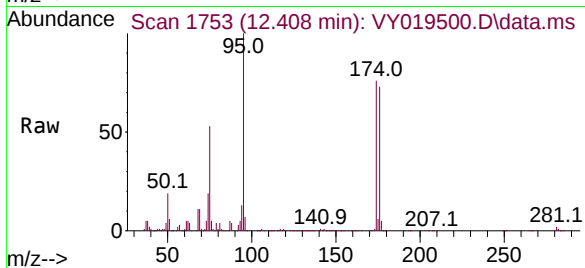




#62
4-Bromofluorobenzene
Concen: 45.298 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

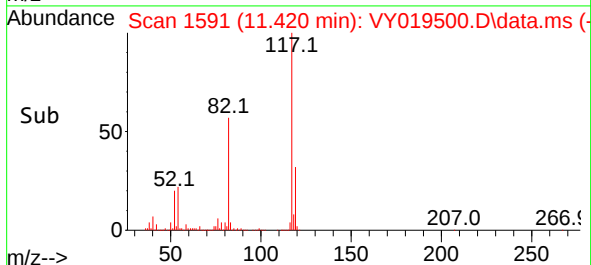
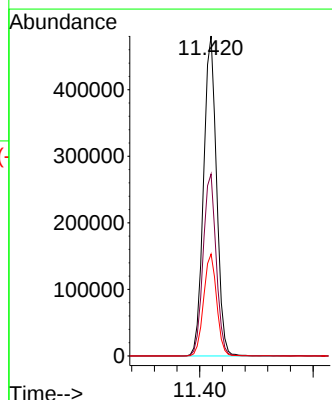
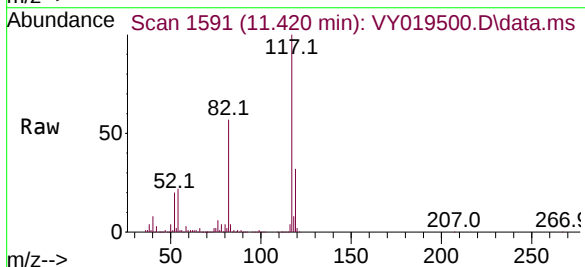
Instrument :
MSVOA_Y
ClientSampleId :

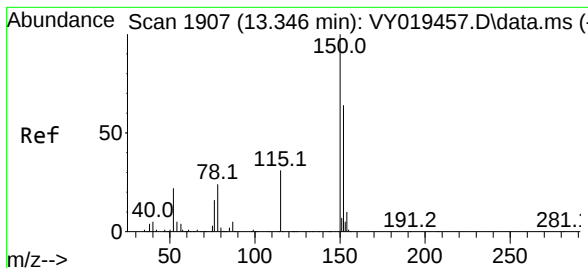
Tgt Ion: 95 Resp: 336854
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Tgt Ion: 117 Resp: 764317
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019500.D

Acq: 11 Sep 2024 10:08

Instrument :

MSVOA_Y

ClientSampleId :

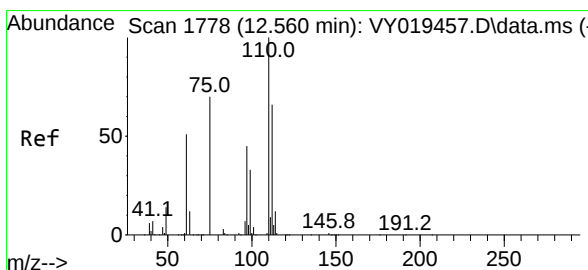
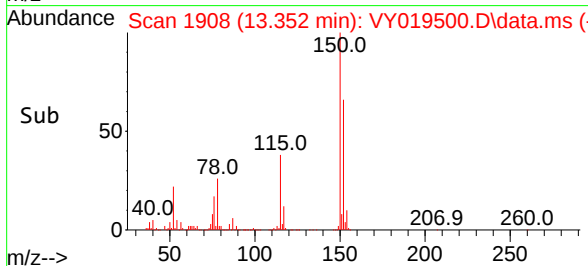
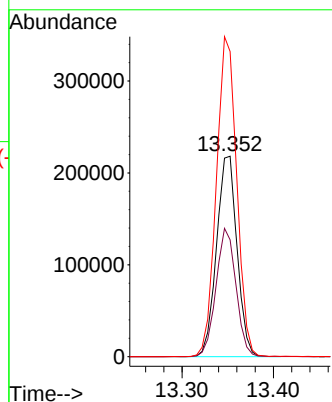
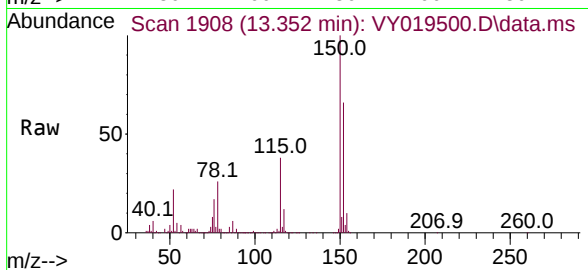
Tgt Ion:152 Resp: 340487

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 55.185 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019500.D

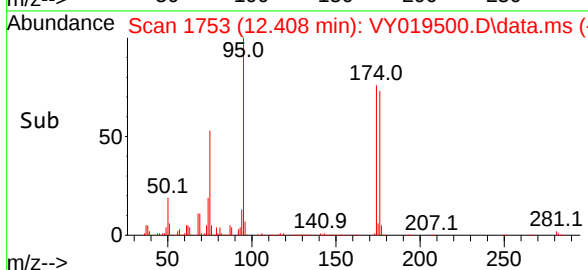
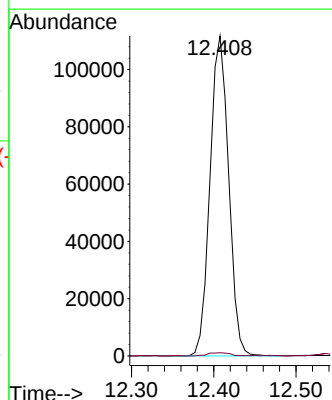
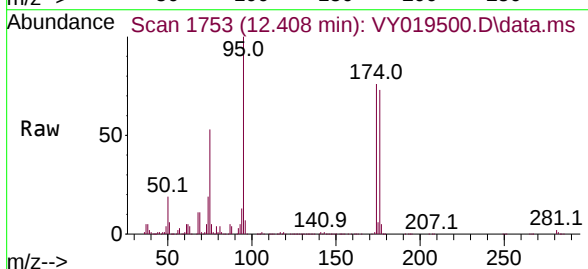
Acq: 11 Sep 2024 10:08

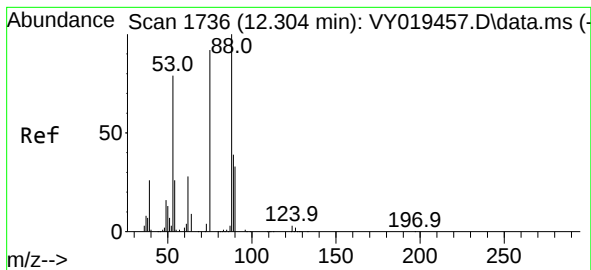
Tgt Ion: 75 Resp: 176116

Ion Ratio Lower Upper

75 100

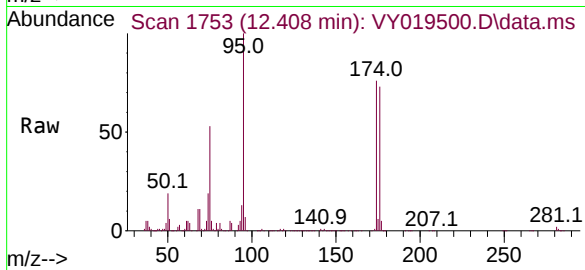
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.940 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019500.D
Acq: 11 Sep 2024 10:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 176116
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

