

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019506.D
 Acq On : 11 Sep 2024 14:09
 Operator : SY/MD
 Sample : P3907-09
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:31:59 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)

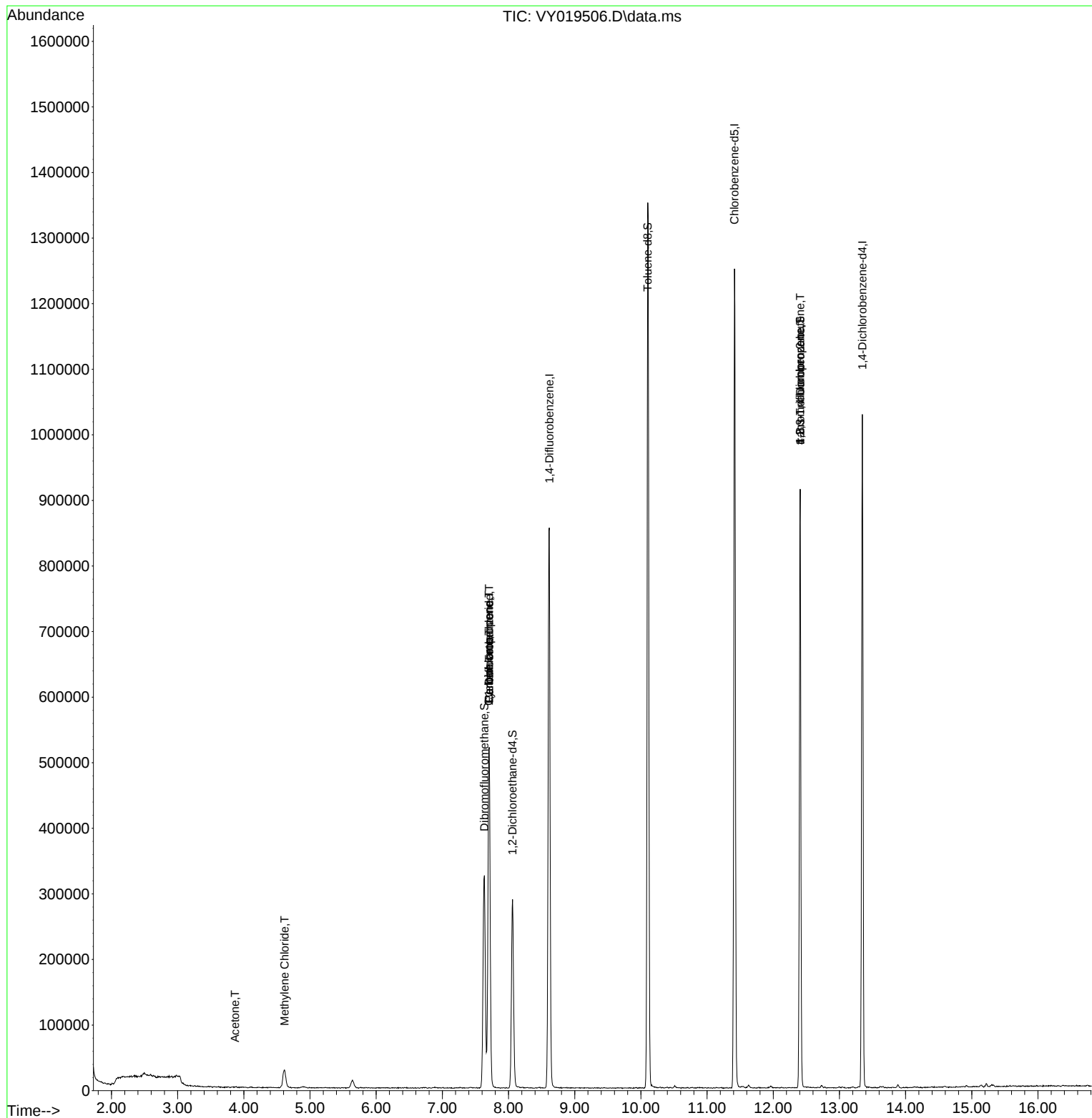
Internal Standards						
1) Pentafluorobenzene	7.707	168	388166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	744441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	662423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	243136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227521	63.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.600%	
35) Dibromofluoromethane	7.634	113	233891	55.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.820%	
50) Toluene-d8	10.103	98	880796	56.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.408	95	288985	48.141	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	192	Below Cal	#	43
13) Acrolein	3.659	56	100	Below Cal	#	1
16) Acetone	3.866	43	1370	1.600	ug/l	96
20) Methylene Chloride	4.616	84	21155	5.417	ug/l	91
31) Cyclohexane	7.701	56	9841	1.530	ug/l	# 1
36) 1,1-Dichloropropene	7.701	75	32590	5.674	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	42456	6.555	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	152594	66.960	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	152594	128.543	ug/l	# 16

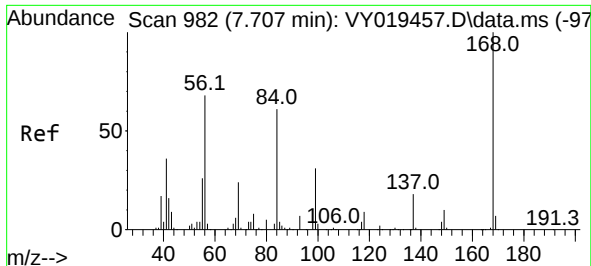
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

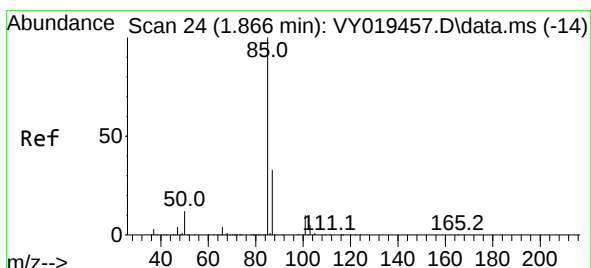
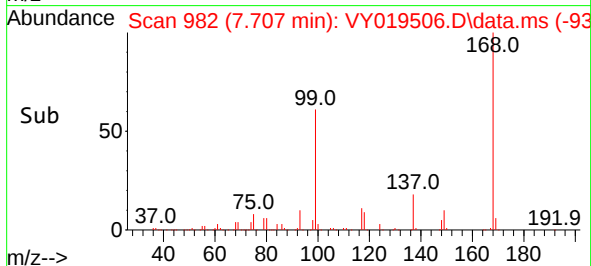
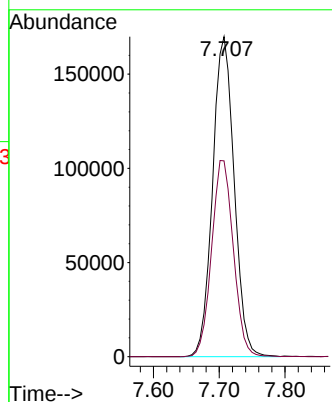
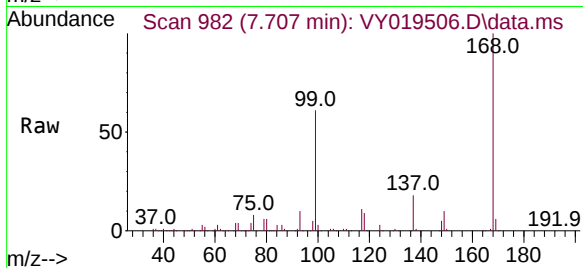




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

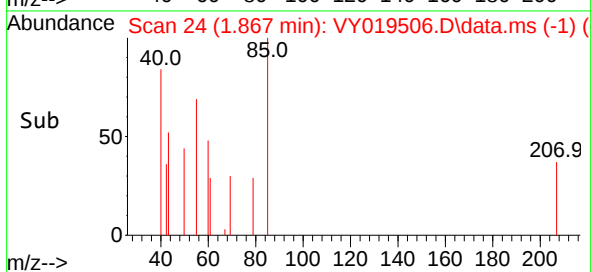
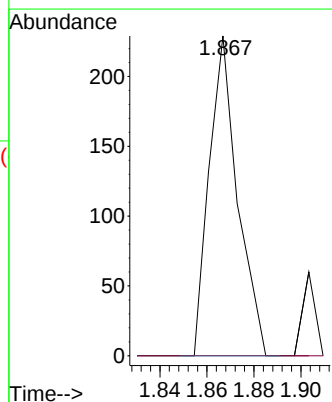
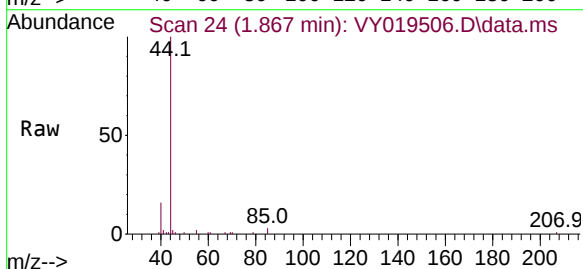
Instrument :
MSVOA_Y
ClientSampleId :

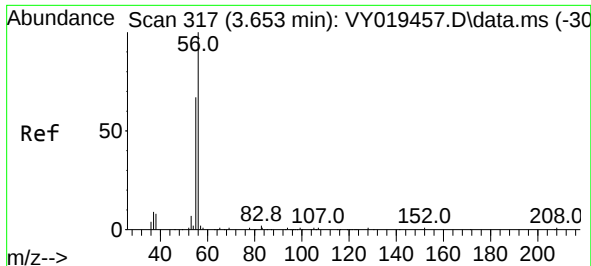
Tgt Ion:168 Resp: 388166
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

Tgt Ion: 85 Resp: 192
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019506.D

Acq: 11 Sep 2024 14:09

Instrument :

MSVOA_Y

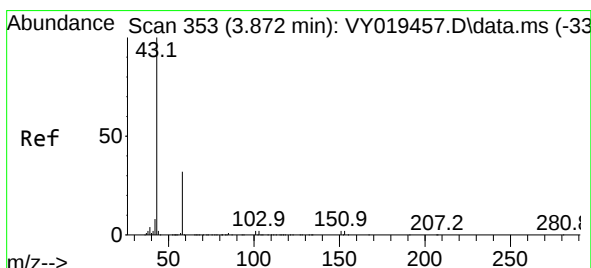
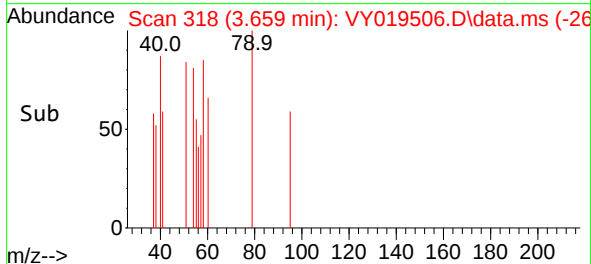
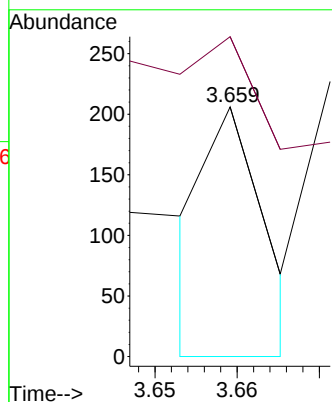
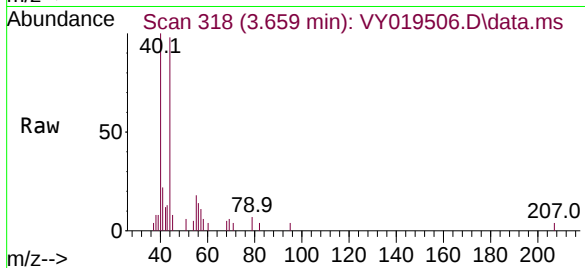
ClientSampleId :

Tgt Ion: 56 Resp: 100

Ion Ratio Lower Upper

56 100

55 233.0 55.7 83.5#



#16

Acetone

Concen: 1.600 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019506.D

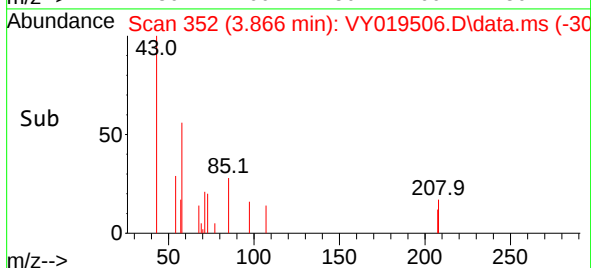
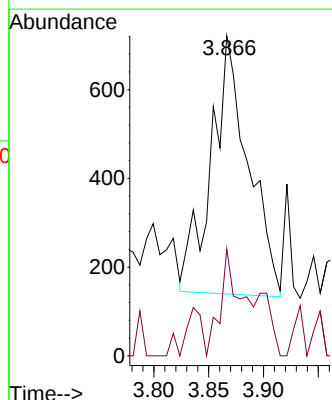
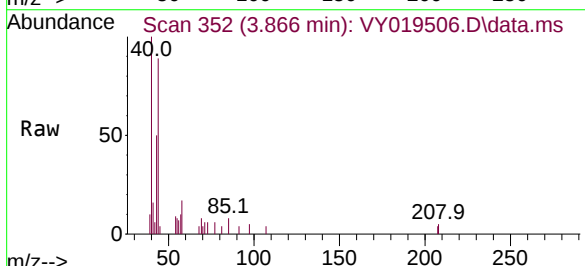
Acq: 11 Sep 2024 14:09

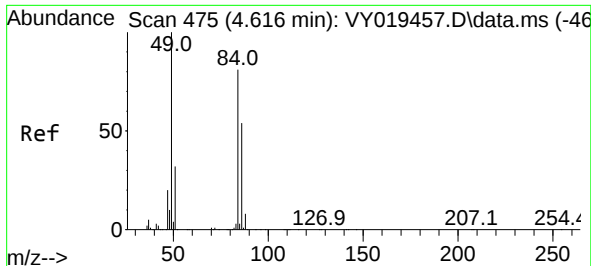
Tgt Ion: 43 Resp: 1370

Ion Ratio Lower Upper

43 100

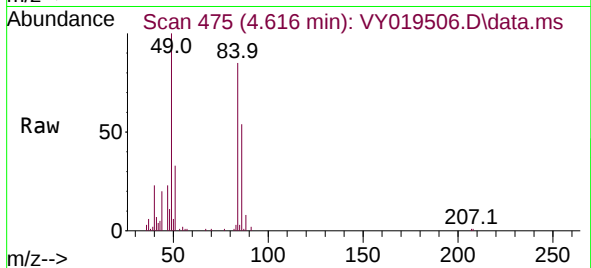
58 41.9 31.7 47.5



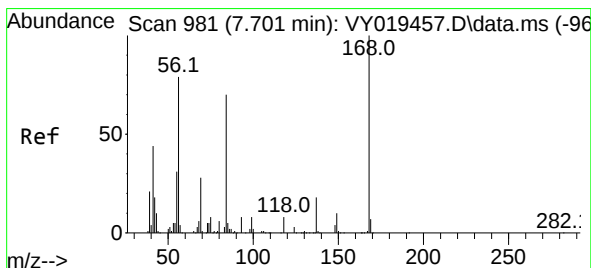
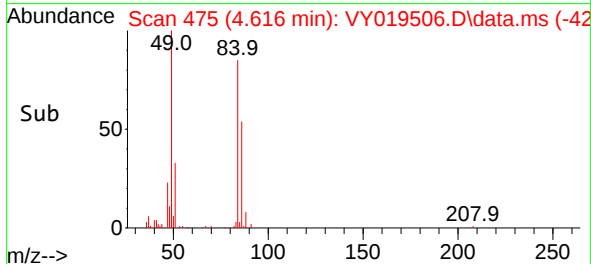
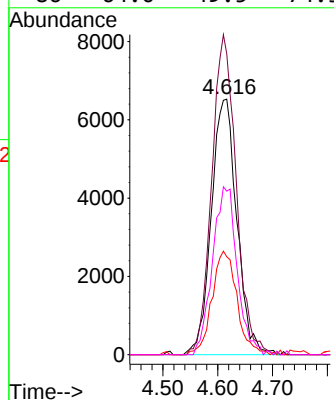


#20
Methylene Chloride
Concen: 5.417 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :

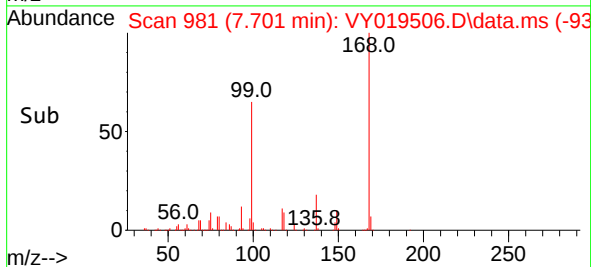
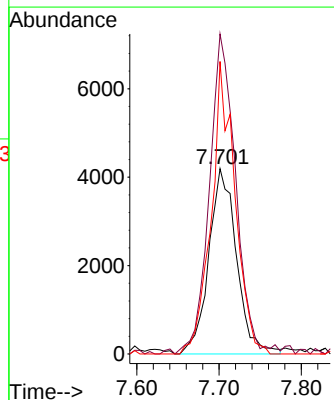
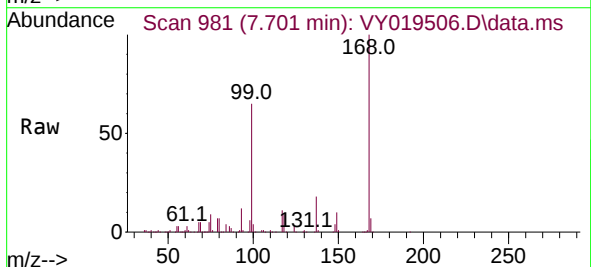


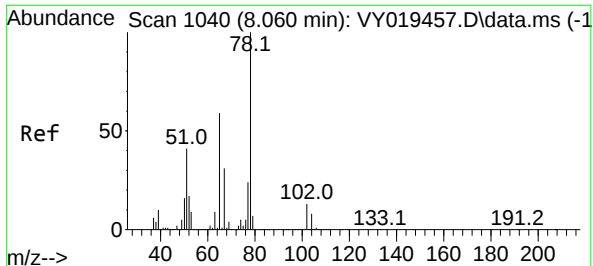
Tgt Ion:	84	Resp:	21155
Ion	Ratio	Lower	Upper
84	100		
49	117.7	84.4	126.6
51	38.3	26.0	39.0
86	64.0	49.5	74.3



#31
Cyclohexane
Concen: 1.530 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

Tgt Ion:	56	Resp:	9841
Ion	Ratio	Lower	Upper
56	100		
69	171.1	28.7	43.1#
84	157.8	77.7	116.5#

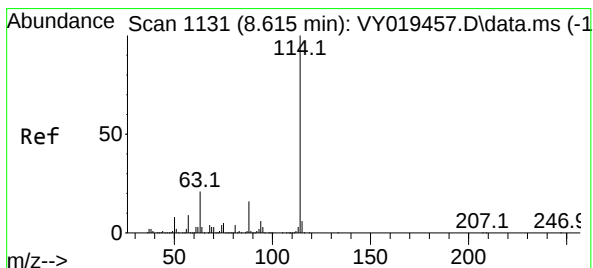
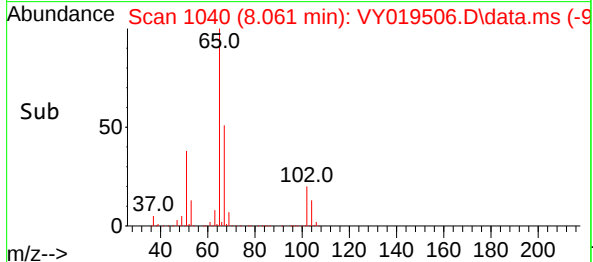
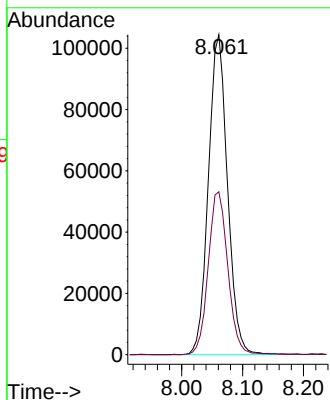
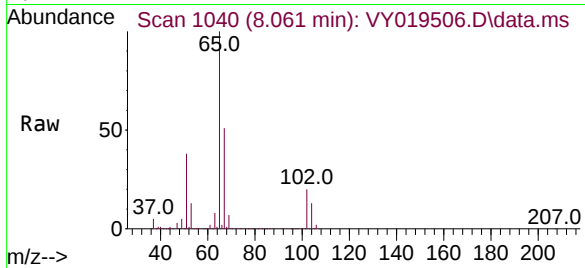




#33
 1,2-Dichloroethane-d4
 Concen: 63.300 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY019506.D
 Acq: 11 Sep 2024 14:09

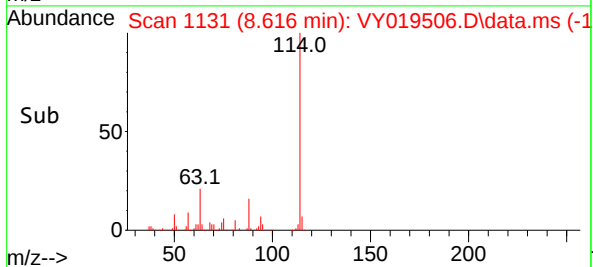
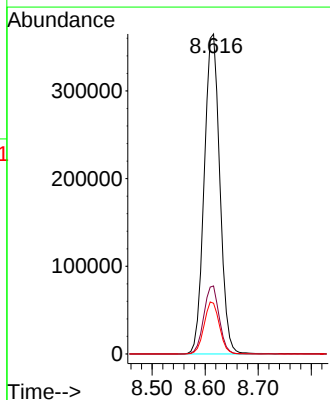
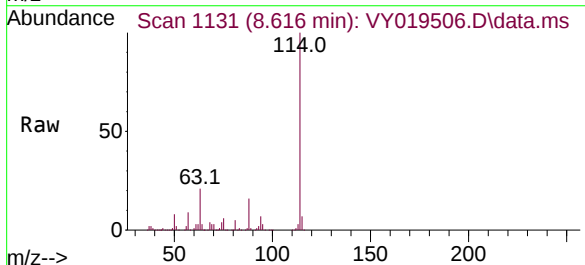
Instrument :
 MSVOA_Y
 ClientSampleId :

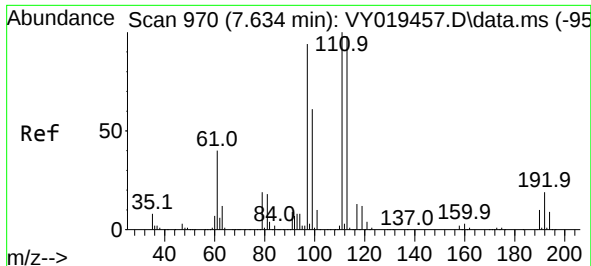
Tgt Ion: 65 Resp: 227521
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019506.D
 Acq: 11 Sep 2024 14:09

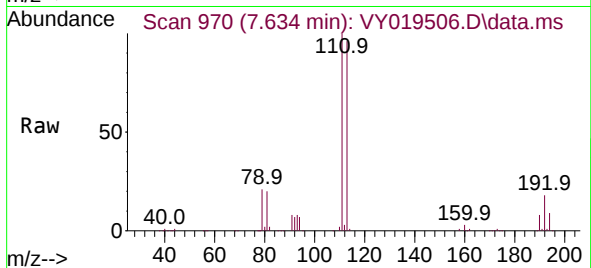
Tgt Ion: 114 Resp: 744441
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 35.0
 88 15.9 0.0 27.2



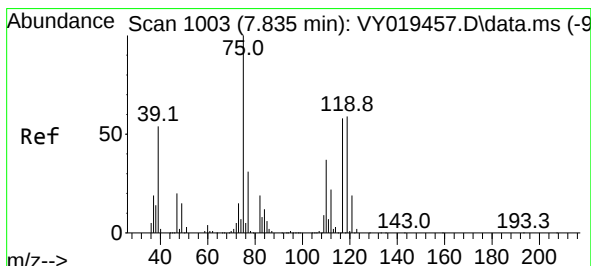
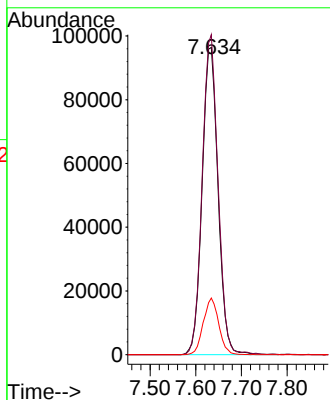
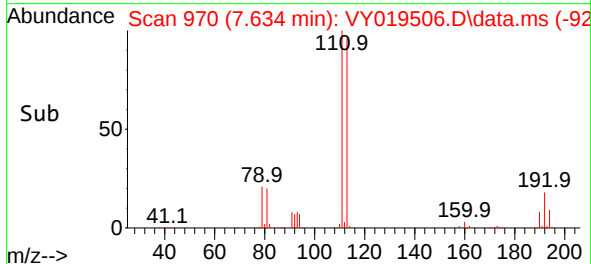


#35
Dibromofluoromethane
Concen: 55.413 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

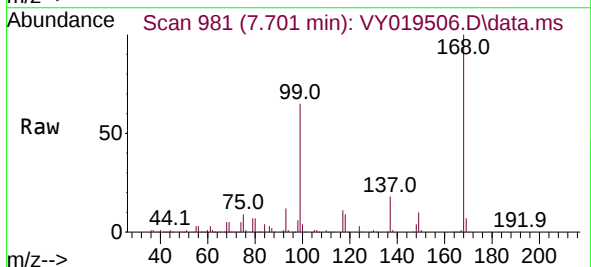
Instrument :
MSVOA_Y
ClientSampleId :



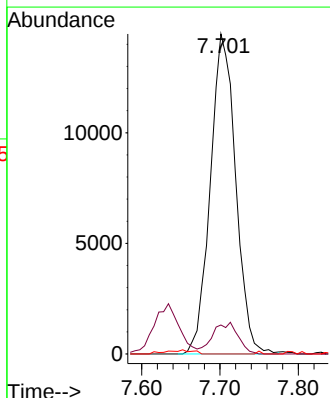
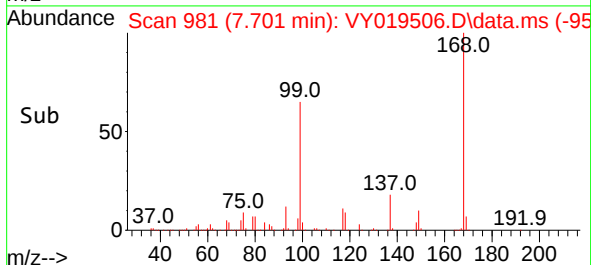
Tgt Ion:113 Resp: 233891
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.9 15.9 23.9

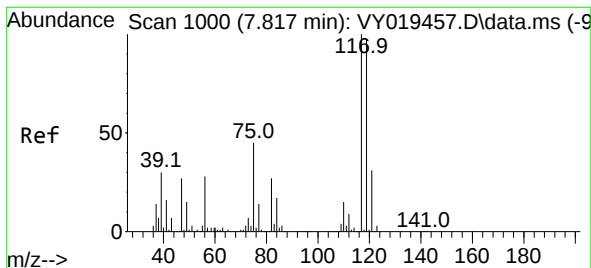


#36
1,1-Dichloropropene
Concen: 5.674 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09



Tgt Ion: 75 Resp: 32590
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.555 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

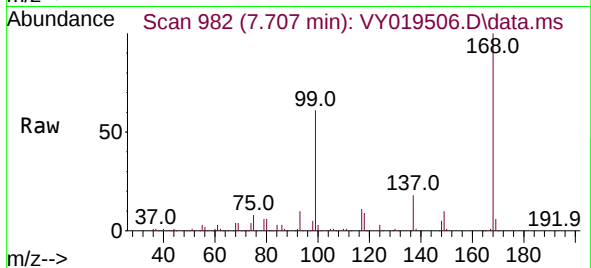
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Acq: 11 Sep 2024 14:09

Instrument :

MSVOA_Y

ClientSampleId :



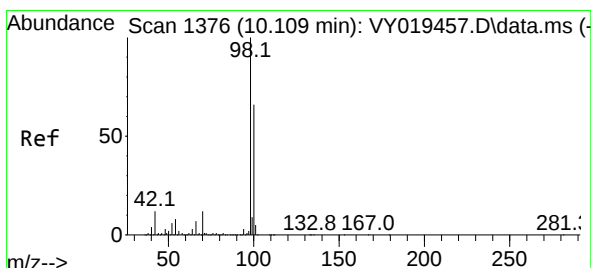
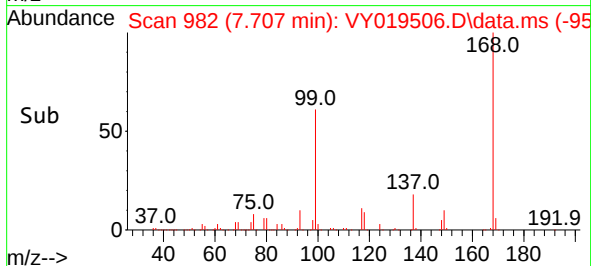
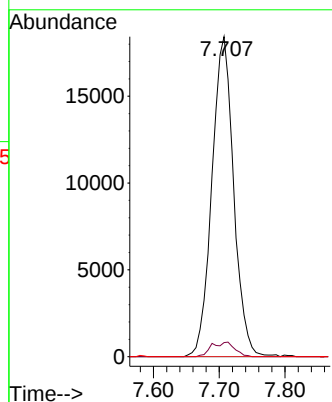
Tgt Ion:117 Resp: 42456

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.418 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019506.D

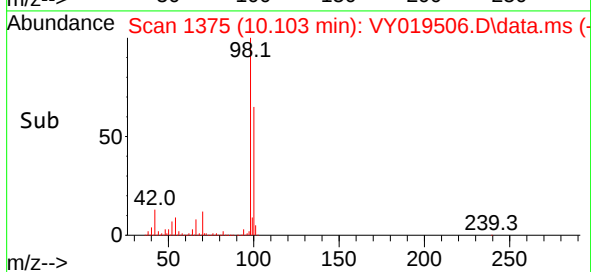
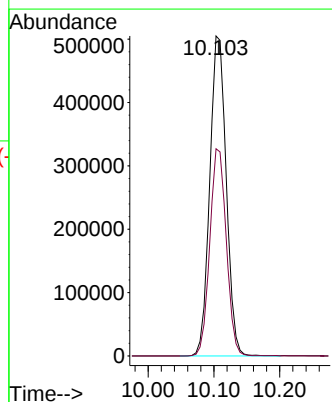
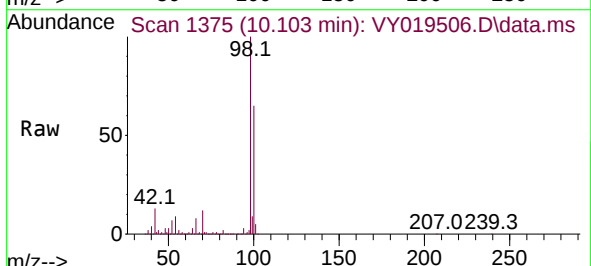
Acq: 11 Sep 2024 14:09

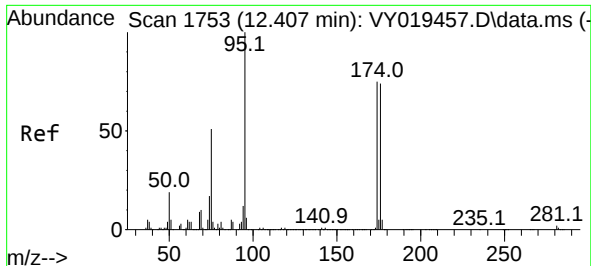
Tgt Ion: 98 Resp: 880796

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

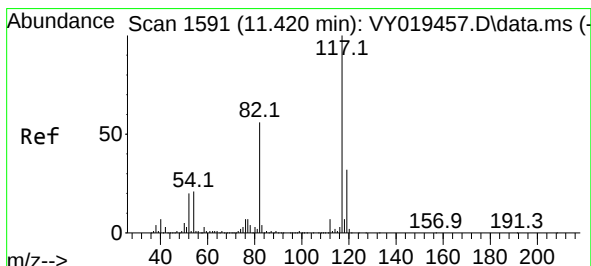
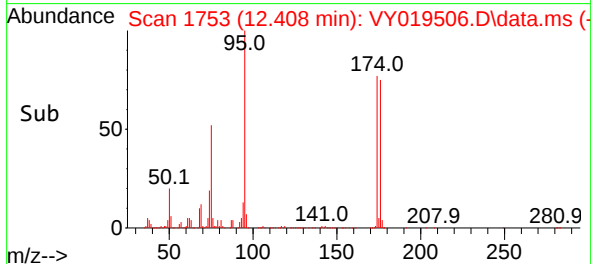
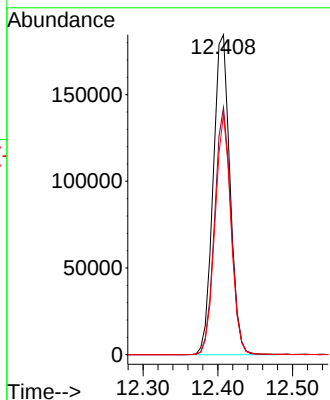
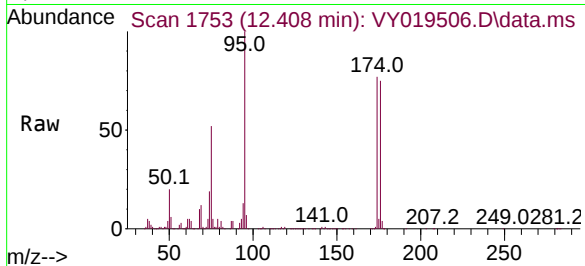




#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

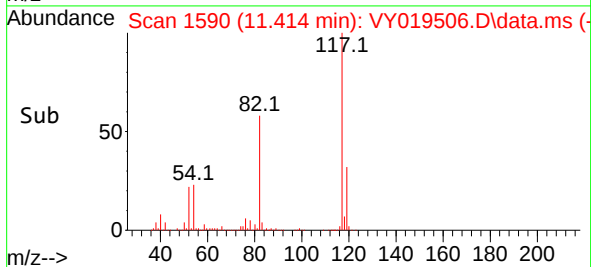
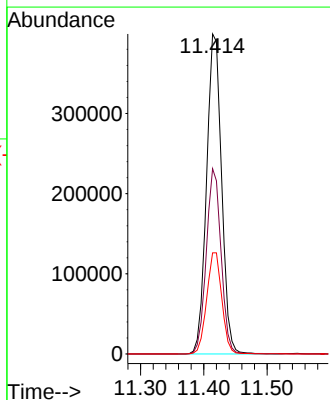
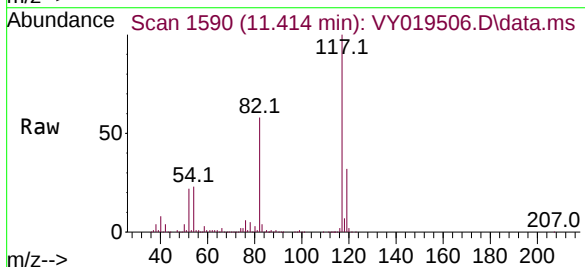
Instrument :
MSVOA_Y
ClientSampleId :

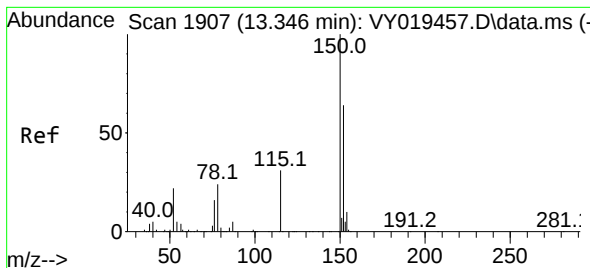
Tgt Ion: 95 Resp: 288985
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 71.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

Tgt Ion: 117 Resp: 662423
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.6 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: VY019506.D

Acq: 11 Sep 2024 14:09

Instrument :

MSVOA_Y

ClientSampleId :

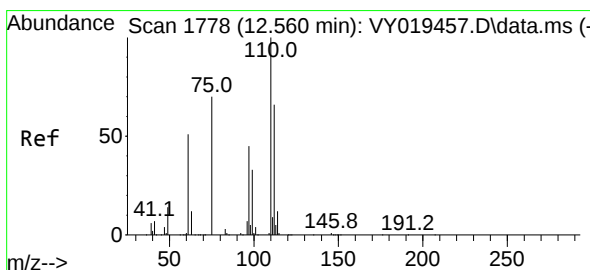
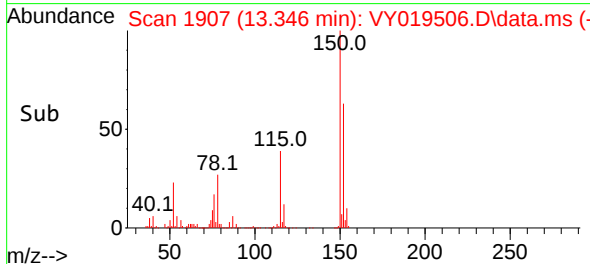
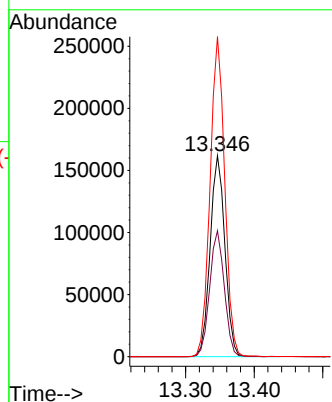
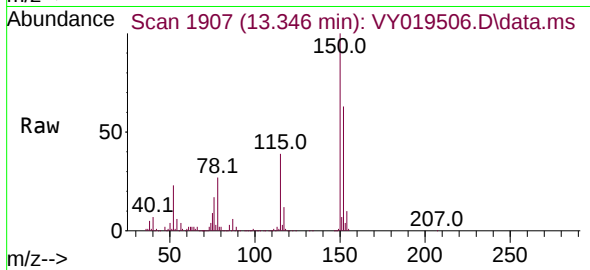
Tgt Ion:152 Resp: 243136

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.960 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019506.D

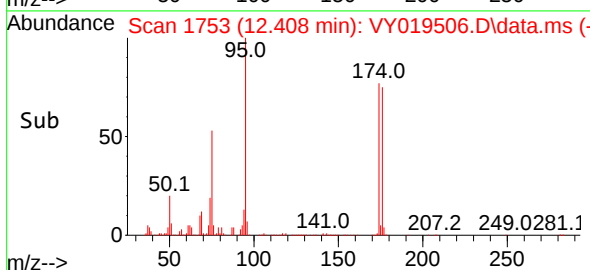
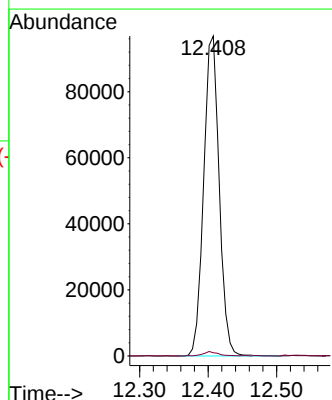
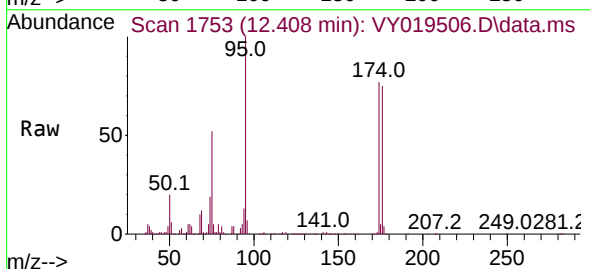
Acq: 11 Sep 2024 14:09

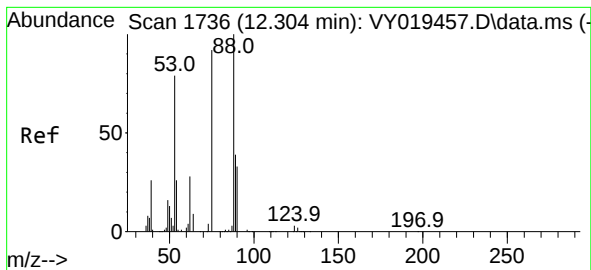
Tgt Ion: 75 Resp: 152594

Ion Ratio Lower Upper

75 100

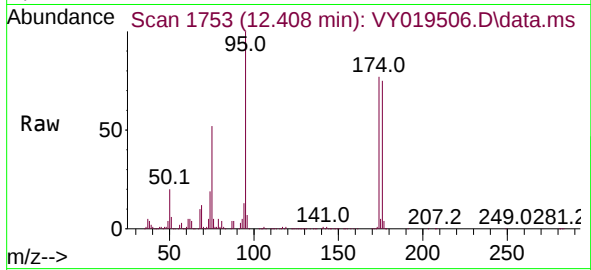
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.543 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019506.D
Acq: 11 Sep 2024 14:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 152594
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

