

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019472.D
 Acq On : 09 Sep 2024 17:54
 Operator : SY/MD
 Sample : P3905-01
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 01:50:18 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)

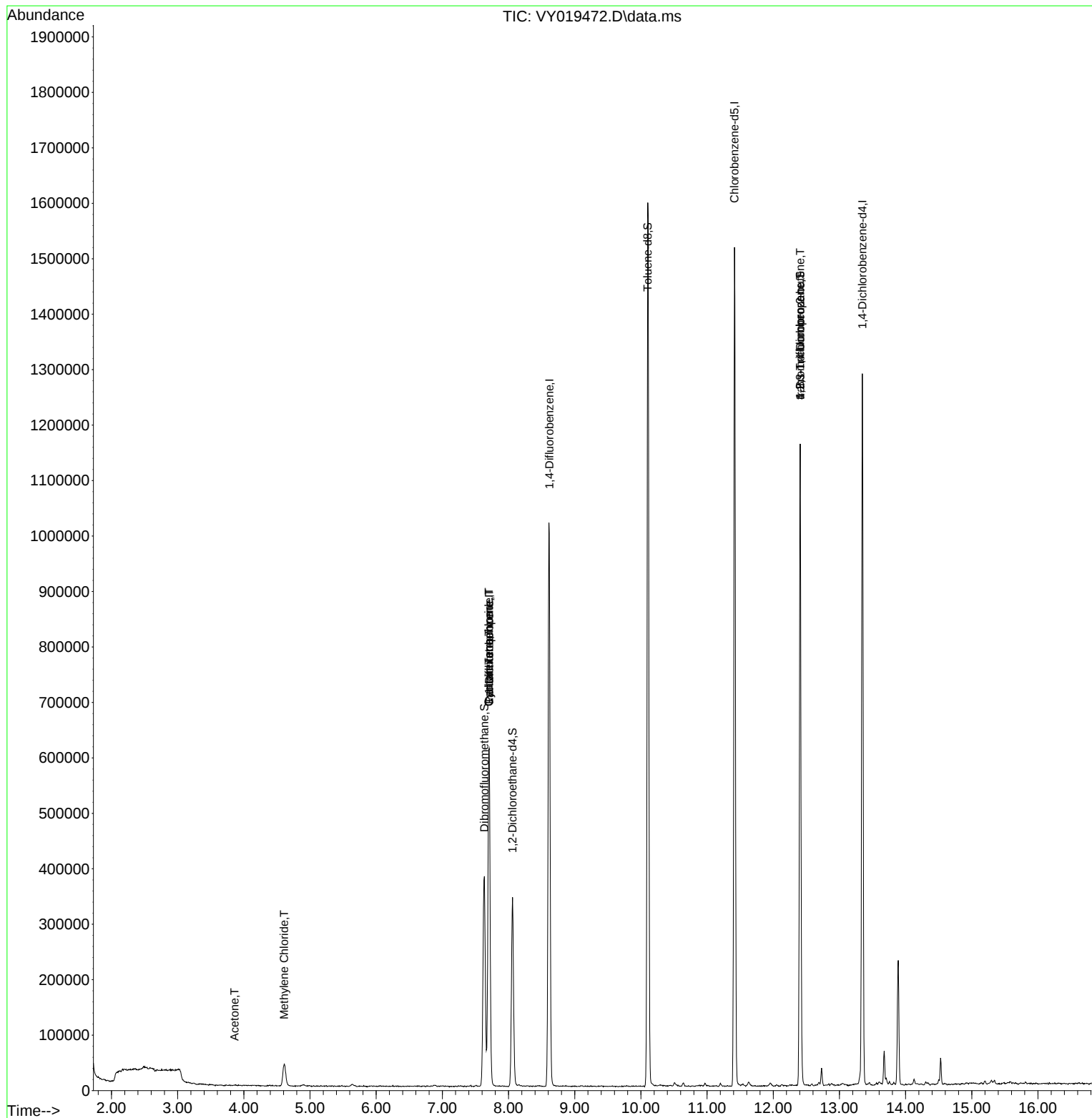
Internal Standards						
1) Pentafluorobenzene	7.707	168	460073	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	886077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	795333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	315580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	262668	61.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.634	113	276390	55.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.103	98	1049860	56.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.408	95	359650	50.336	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	509	Below Cal		98
13) Acrolein	3.635	56	71	Below Cal	#	1
16) Acetone	3.860	43	3057	3.012	ug/l	# 75
20) Methylene Chloride	4.610	84	30115	6.506	ug/l	# 88
31) Cyclohexane	7.701	56	11416	1.497	ug/l	# 20
36) 1,1-Dichloropropene	7.707	75	38509	5.633	ug/l	# 49
38) Carbon Tetrachloride	7.701	117	49536	6.426	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	187836	63.503	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	187836	121.908	ug/l	# 16

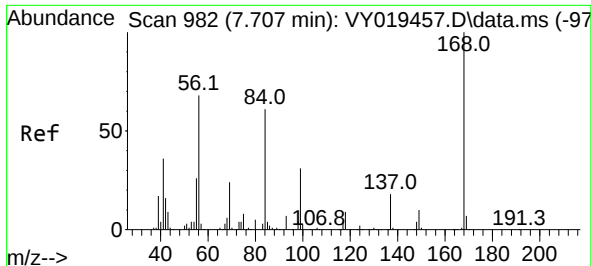
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

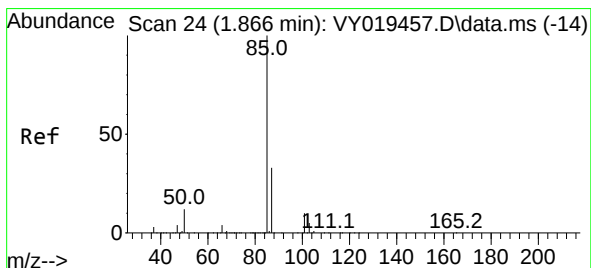
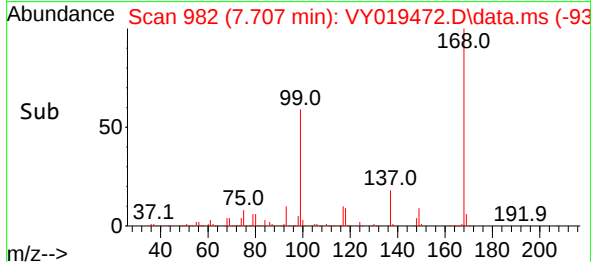
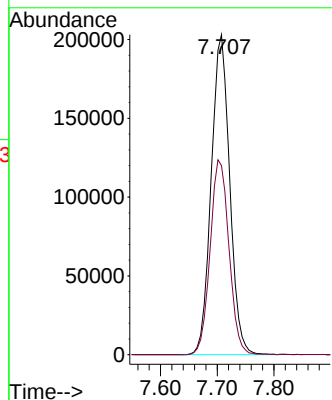
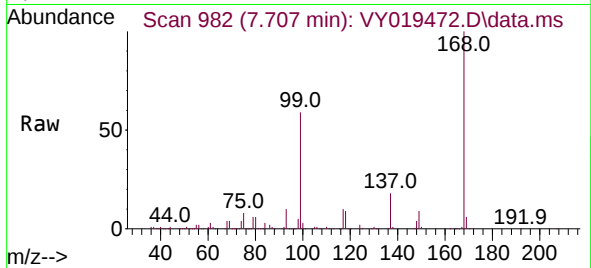




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

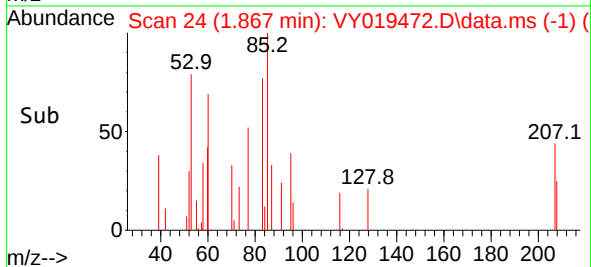
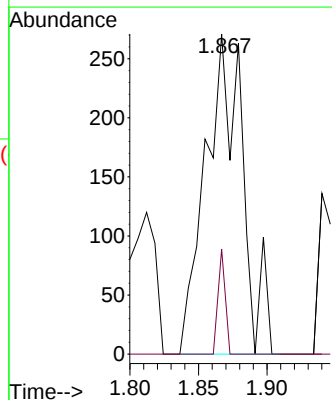
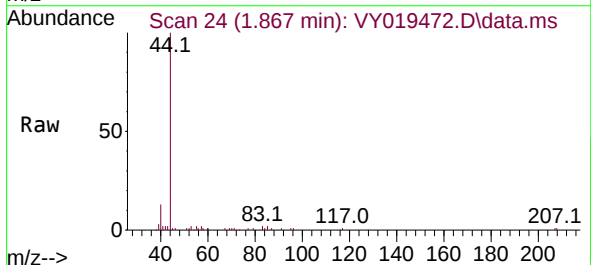
Instrument :
MSVOA_Y
ClientSampleId :

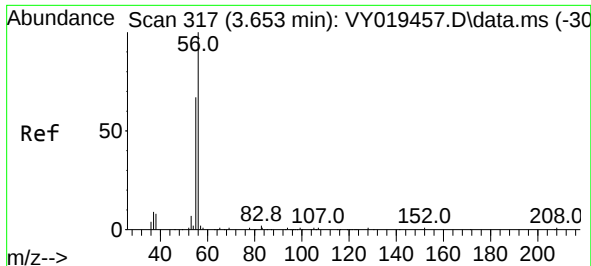
Tgt Ion:168 Resp: 460073
Ion Ratio Lower Upper
168 100
99 59.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 85 Resp: 509
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





#13

Acrolein

Concen: Below Cal

RT: 3.635 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

Instrument :

MSVOA_Y

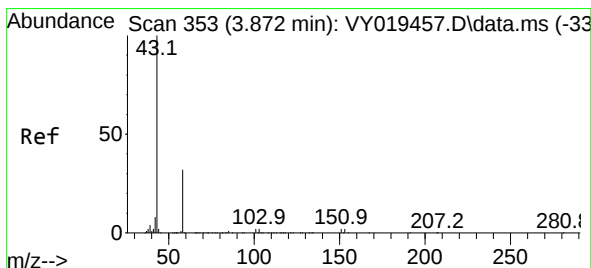
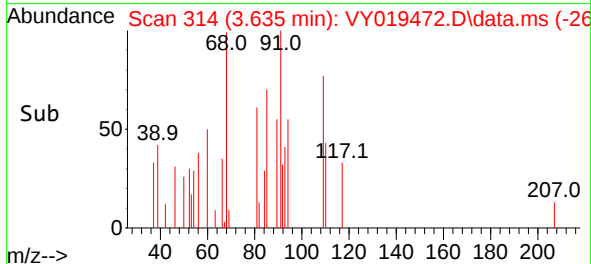
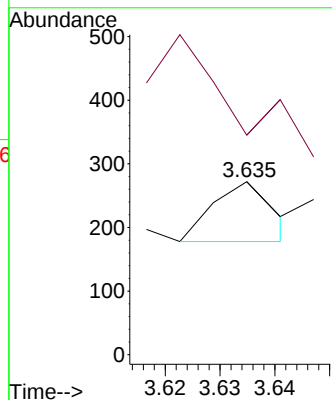
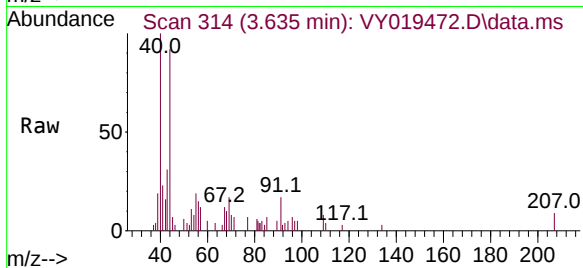
ClientSampleId :

Tgt Ion: 56 Resp: 71

Ion Ratio Lower Upper

56 100

55 380.3 55.7 83.5#



#16

Acetone

Concen: 3.012 ug/l

RT: 3.860 min Scan# 351

Delta R.T. -0.012 min

Lab File: VY019472.D

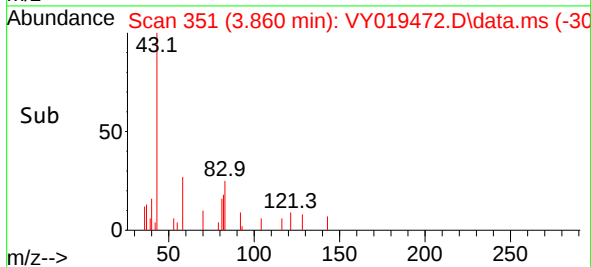
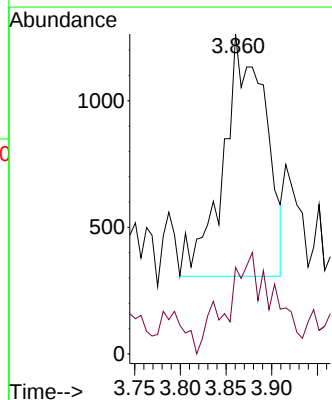
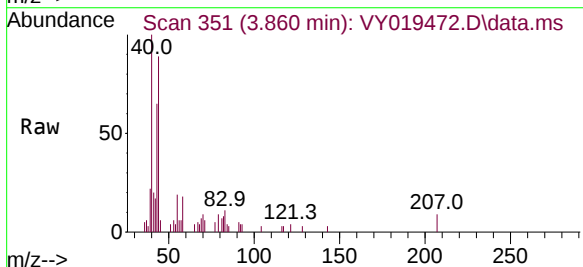
Acq: 09 Sep 2024 17:54

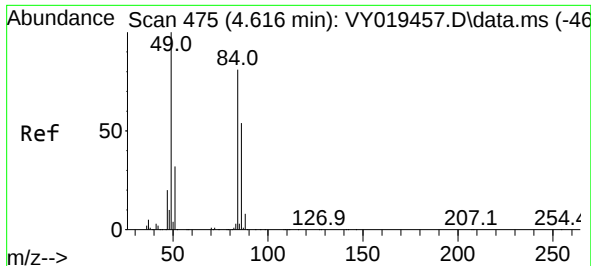
Tgt Ion: 43 Resp: 3057

Ion Ratio Lower Upper

43 100

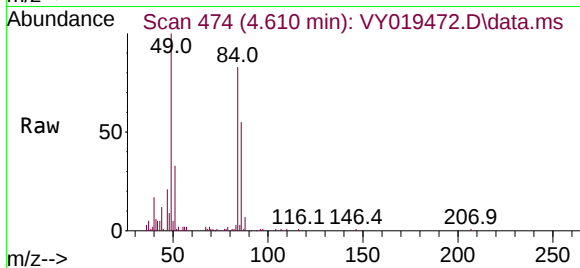
58 23.9 31.7 47.5#



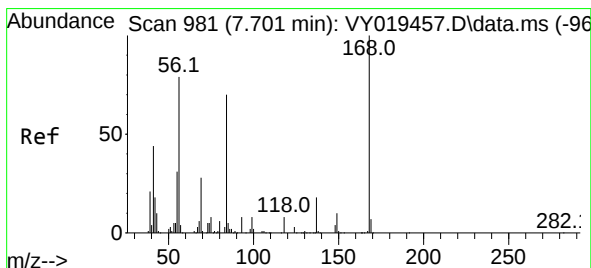
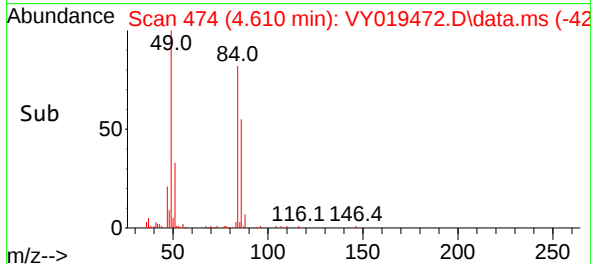
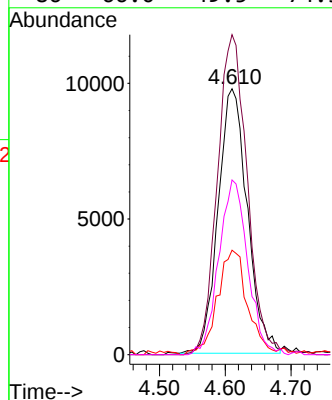


#20
Methylene Chloride
Concen: 6.506 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

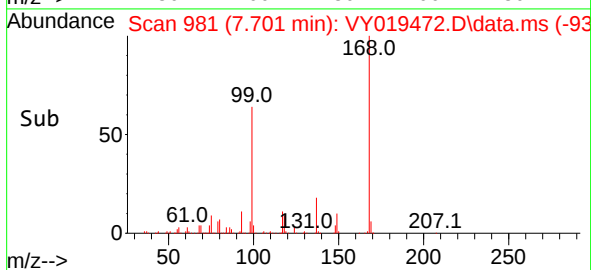
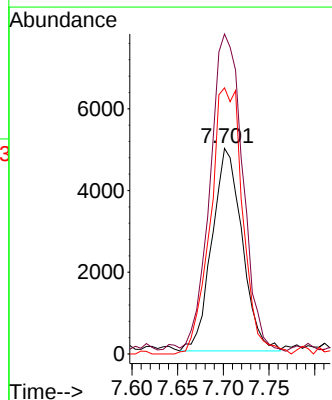
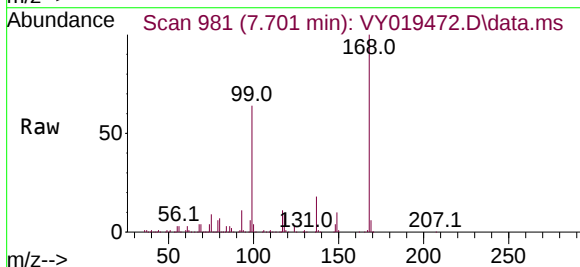


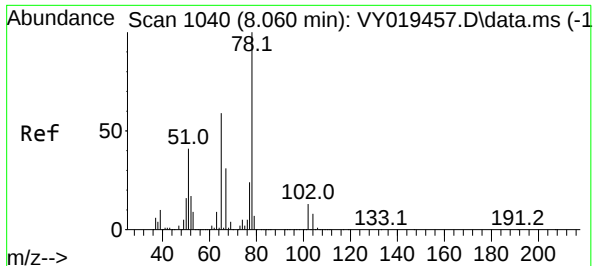
Tgt Ion: 84 Resp: 30115
Ion Ratio Lower Upper
84 100
49 121.0 84.4 126.6
51 39.5 26.0 39.0#
86 66.0 49.5 74.3



#31
Cyclohexane
Concen: 1.497 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 56 Resp: 11416
Ion Ratio Lower Upper
56 100
69 155.5 28.7 43.1#
84 130.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

Instrument :

MSVOA_Y

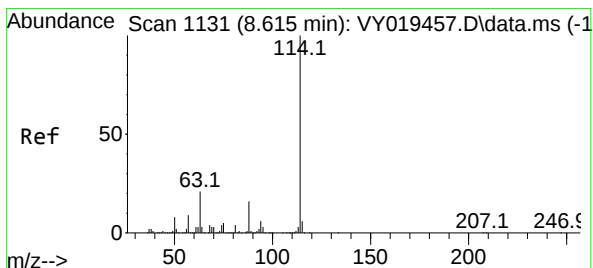
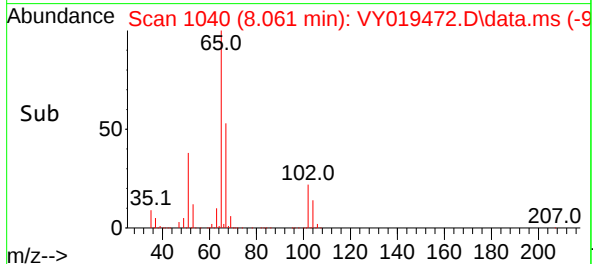
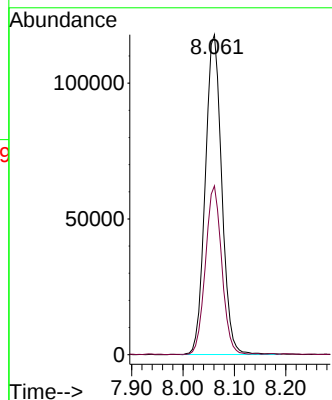
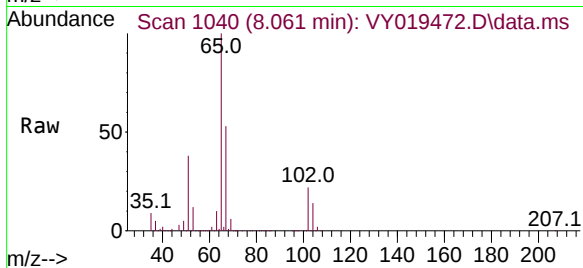
ClientSampleId :

Tgt Ion: 65 Resp: 262668

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: VY019472.D

Acq: 09 Sep 2024 17:54

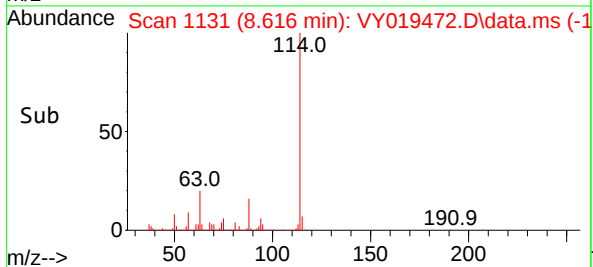
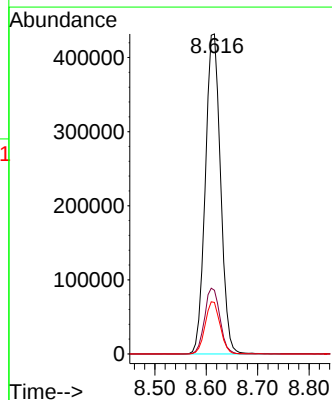
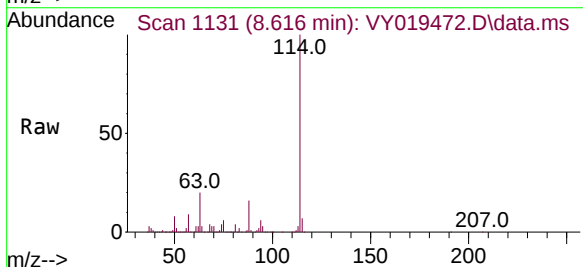
Tgt Ion: 114 Resp: 886077

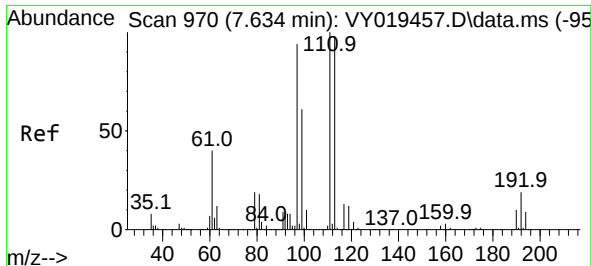
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

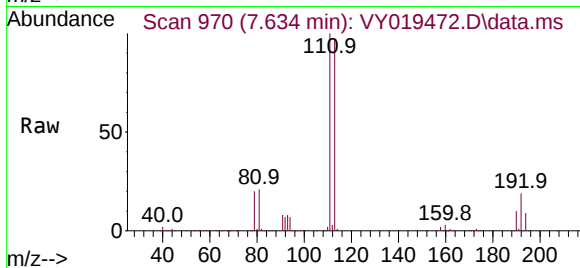
88 16.1 0.0 27.2



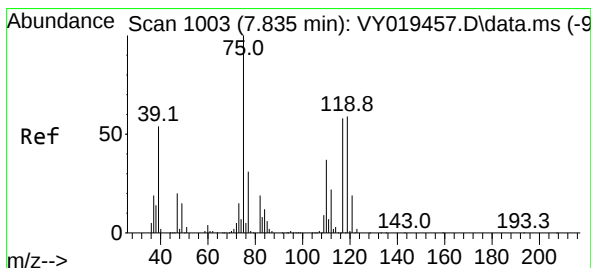
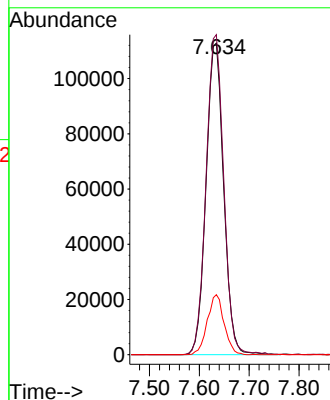
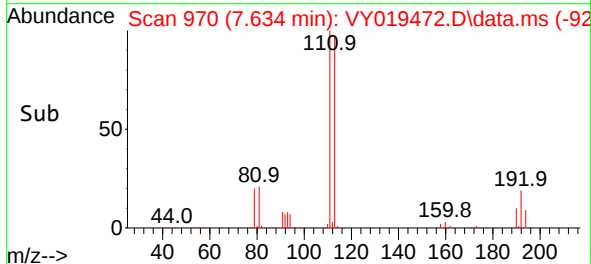


#35
Dibromofluoromethane
Concen: 55.015 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

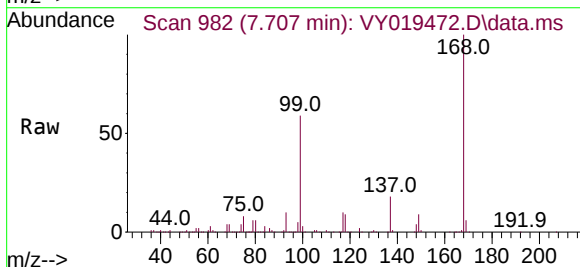
Instrument :
MSVOA_Y
ClientSampleId :



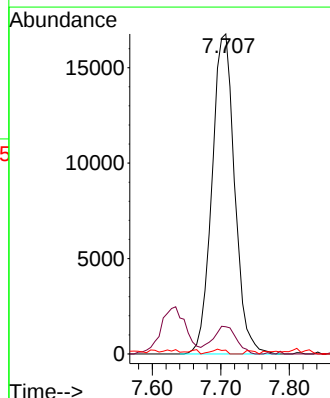
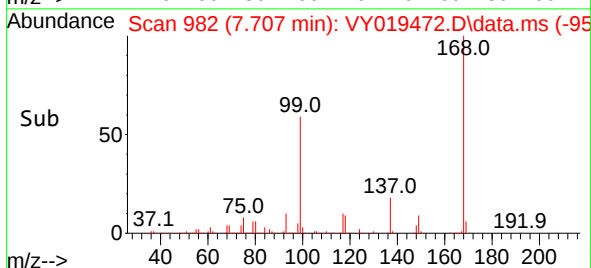
Tgt Ion:113 Resp: 276390
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.4 15.9 23.9

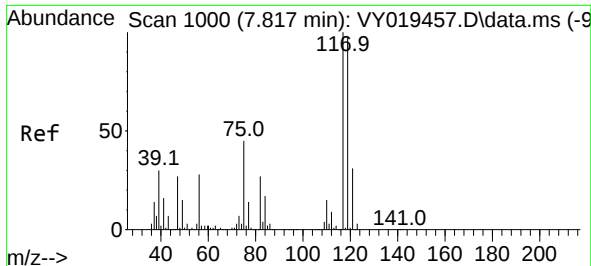


#36
1,1-Dichloropropene
Concen: 5.633 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54



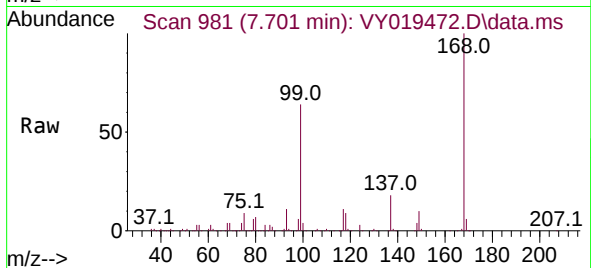
Tgt Ion: 75 Resp: 38509
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.9 25.3 37.9#



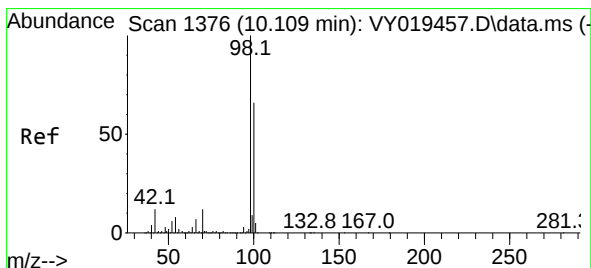
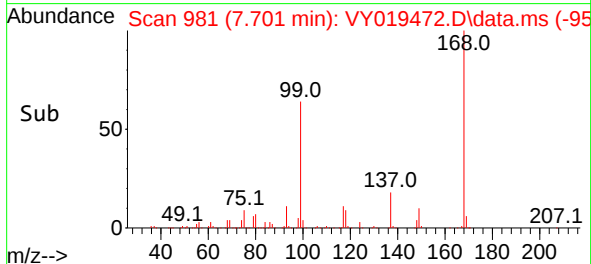
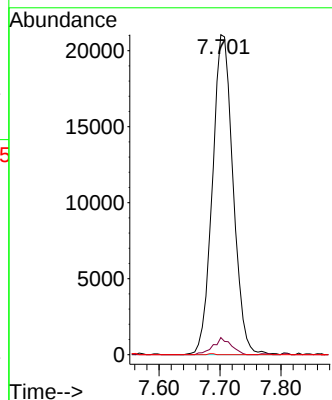


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

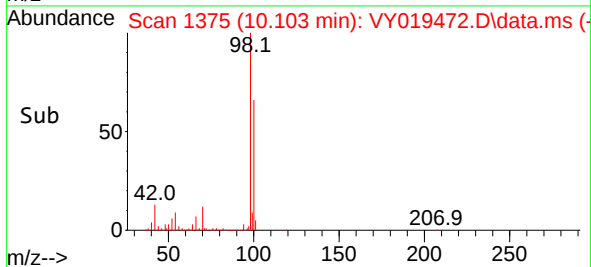
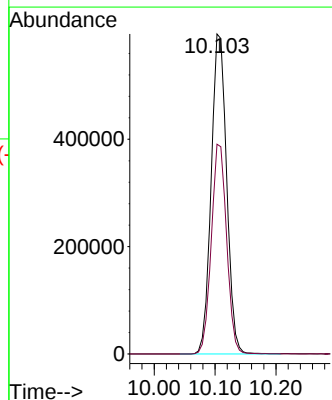
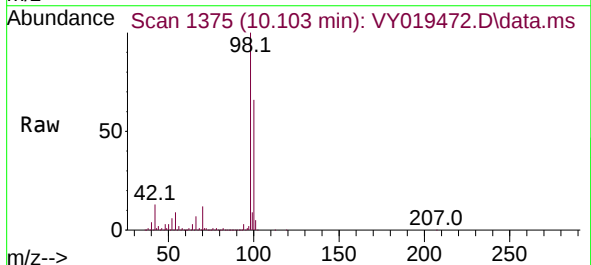


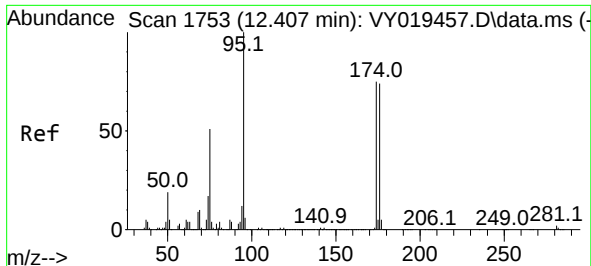
Tgt Ion:117 Resp: 49536
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 98 Resp: 1049860
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

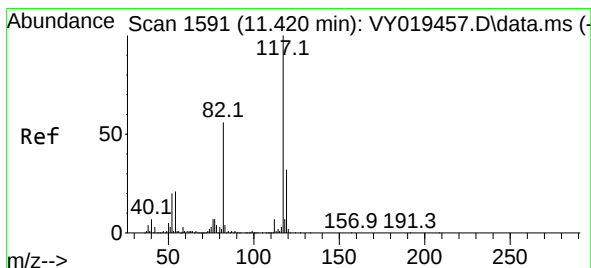
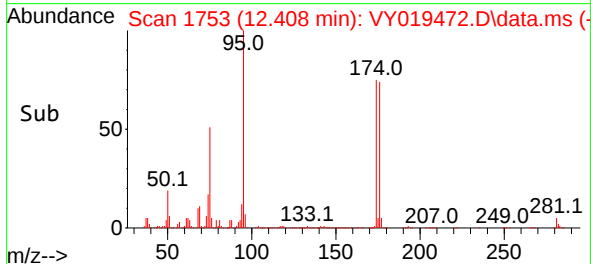
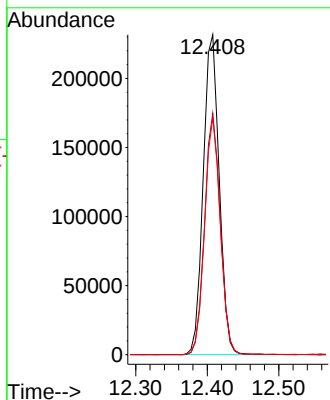
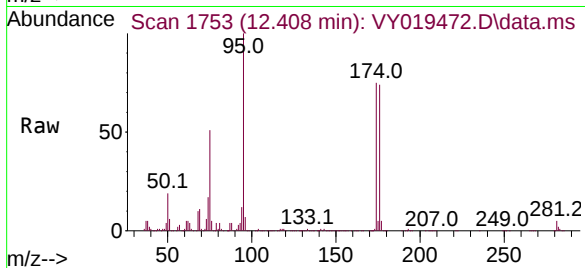




#62
4-Bromofluorobenzene
Concen: 50.336 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

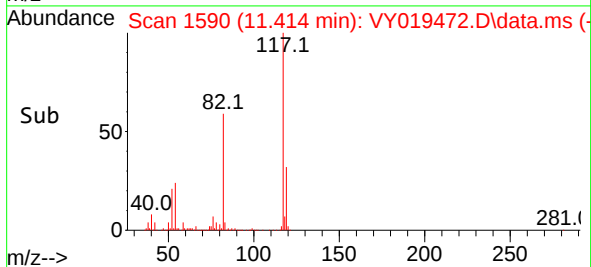
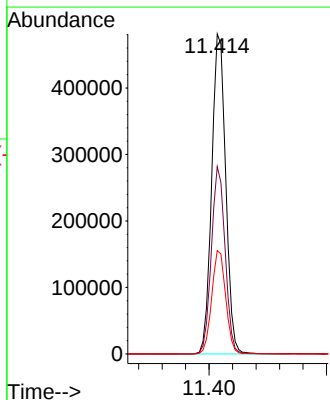
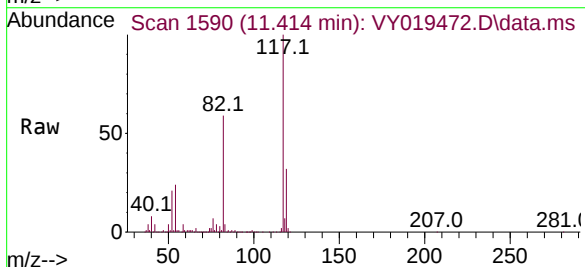
Instrument :
MSVOA_Y
ClientSampleId :

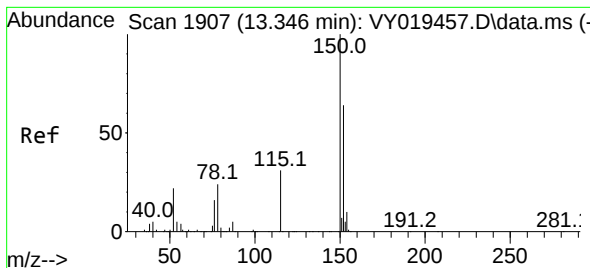
Tgt Ion: 95 Resp: 359650
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 72.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 117 Resp: 795333
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

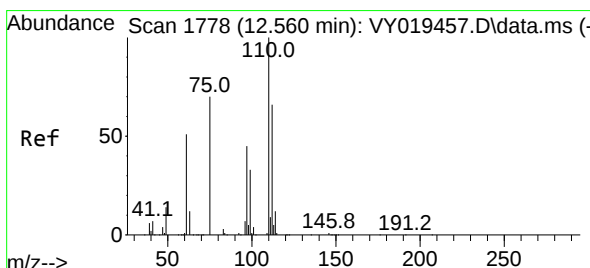
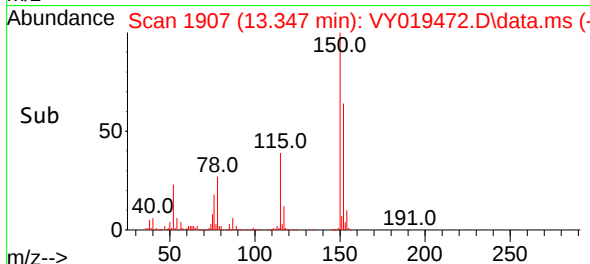
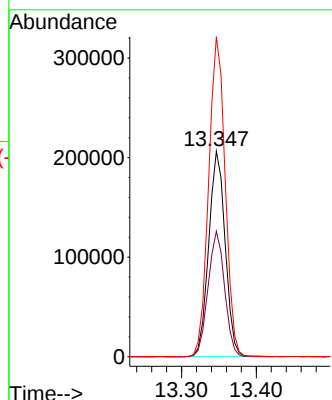
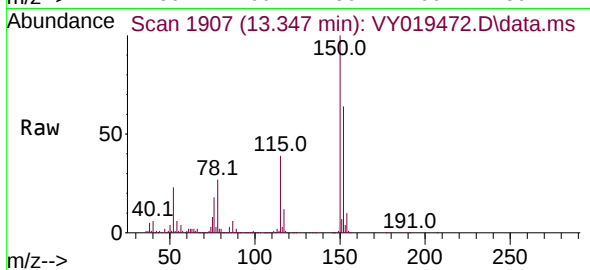
Tgt Ion:152 Resp: 315580

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 156.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.503 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019472.D

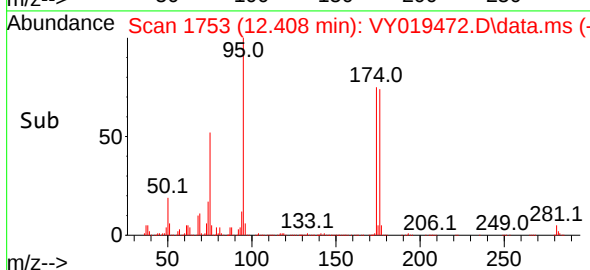
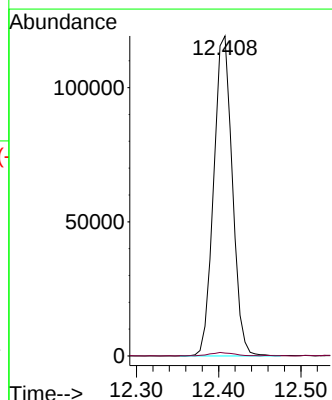
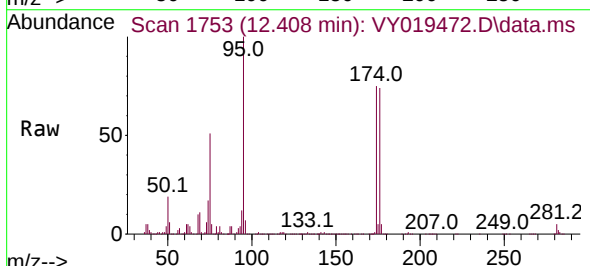
Acq: 09 Sep 2024 17:54

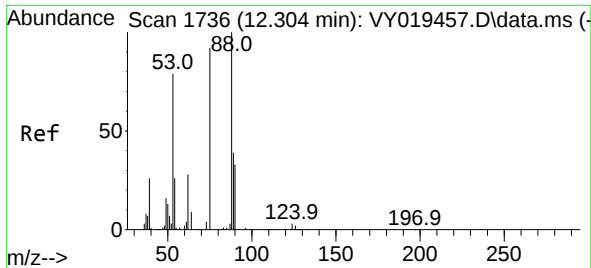
Tgt Ion: 75 Resp: 187836

Ion Ratio Lower Upper

75 100

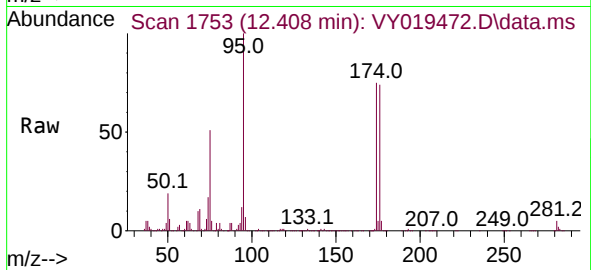
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.908 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019472.D
 Acq: 09 Sep 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 187836
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.2 35.8 53.6#

