

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019466.D
 Acq On : 09 Sep 2024 15:33
 Operator : SY/MD
 Sample : P3852-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 01:48:48 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)

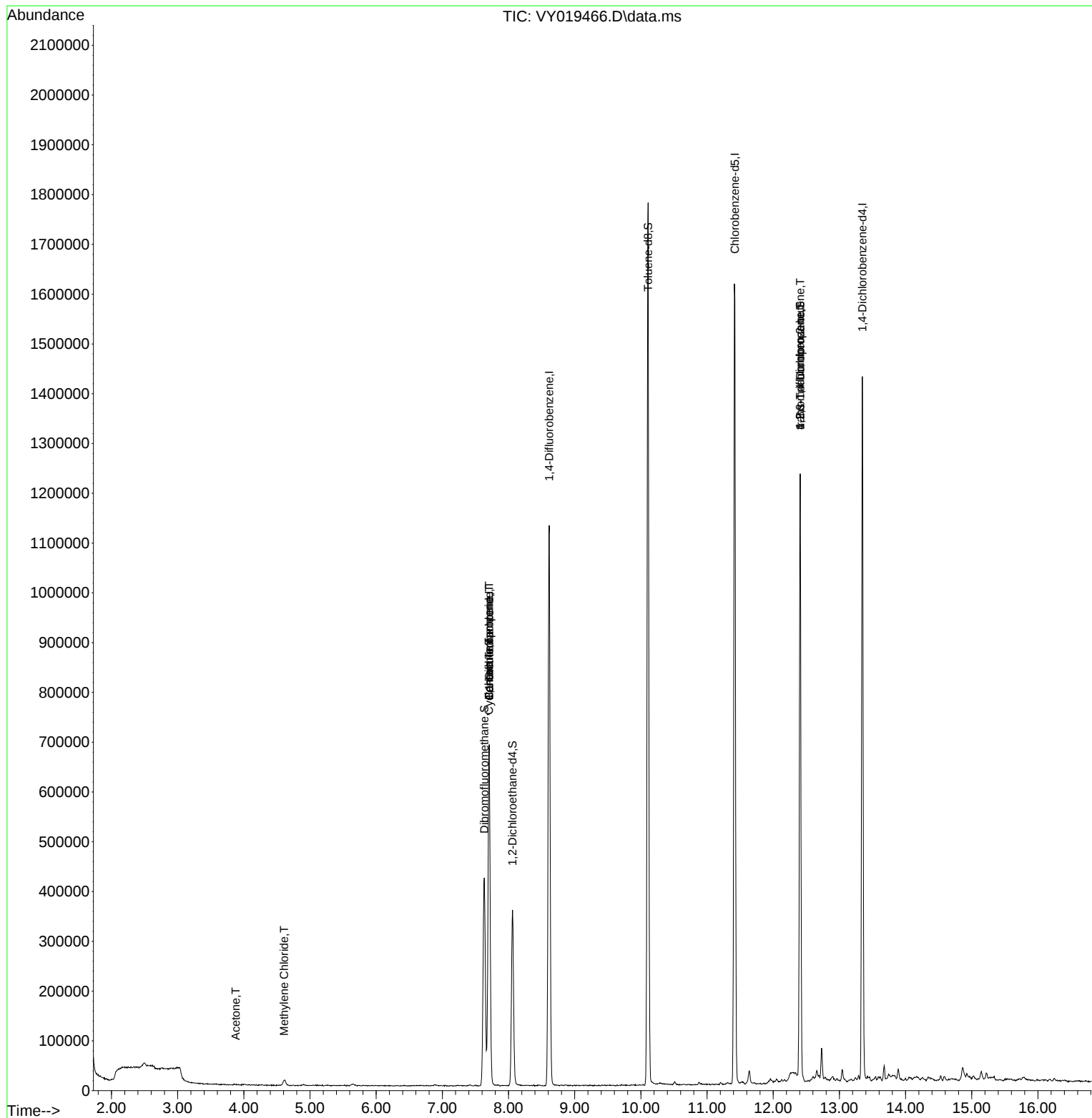
Internal Standards						
1) Pentafluorobenzene	7.707	168	517848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	968234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	870742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	343142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	278039	57.983	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 115.960%		
35) Dibromofluoromethane	7.634	113	302821	55.162	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.320%		
50) Toluene-d8	10.109	98	1149235	56.598	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.200%		
62) 4-Bromofluorobenzene	12.407	95	392430	50.263	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 100.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	557	Below Cal		92
13) Acrolein	3.641	56	441	Below Cal		99
16) Acetone	3.878	43	1816	1.590	ug/l #	77
20) Methylene Chloride	4.610	84	7757	1.489	ug/l	91
31) Cyclohexane	7.701	56	12492	1.456	ug/l #	23
36) 1,1-Dichloropropene	7.707	75	41907	5.610	ug/l #	49
38) Carbon Tetrachloride	7.707	117	55239	6.558	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	201270	62.579	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	201270	120.134	ug/l #	16

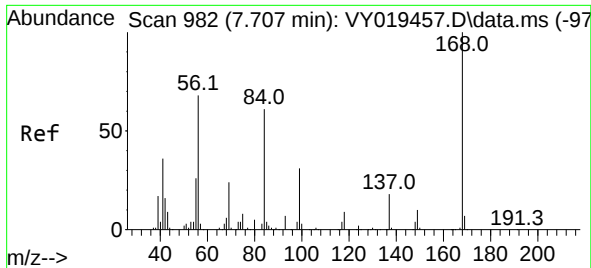
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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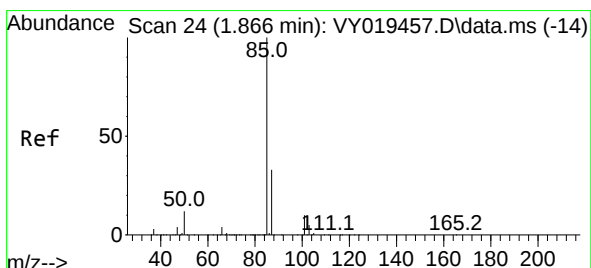
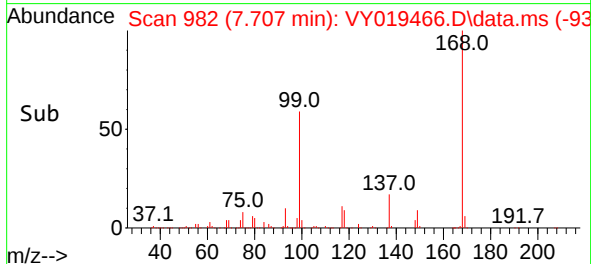
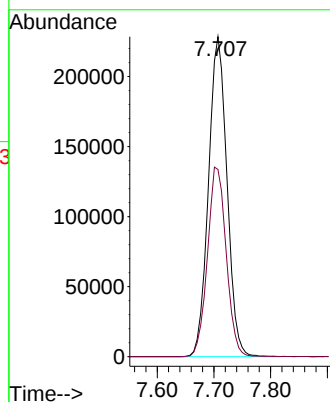
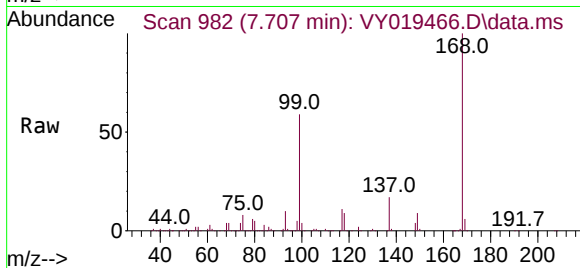




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

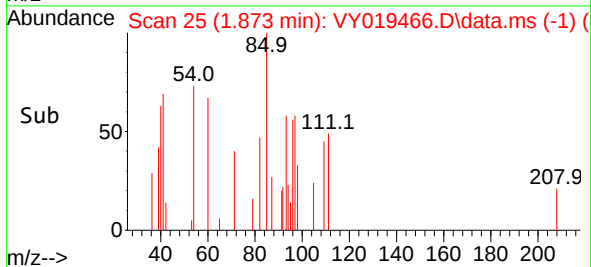
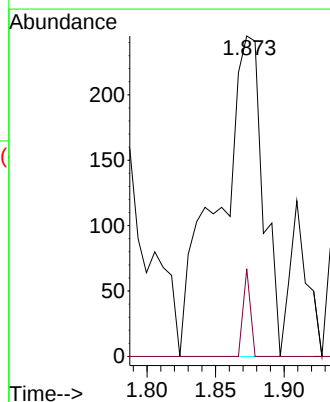
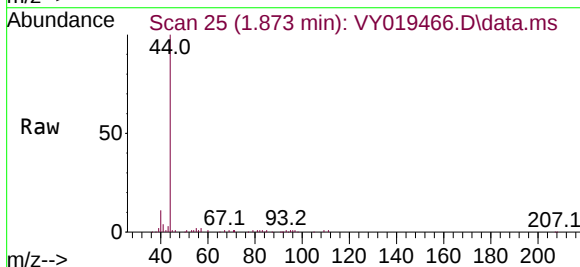
Instrument :
MSVOA_Y
ClientSampleId :

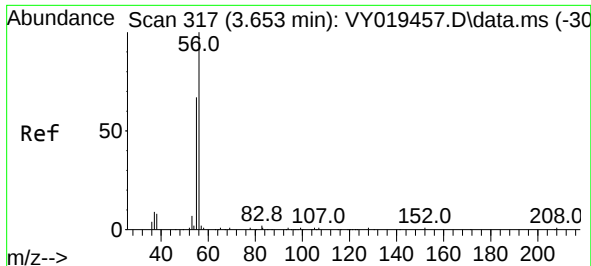
Tgt Ion:168 Resp: 517848
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion: 85 Resp: 557
Ion Ratio Lower Upper
85 100
87 27.3 16.0 48.0

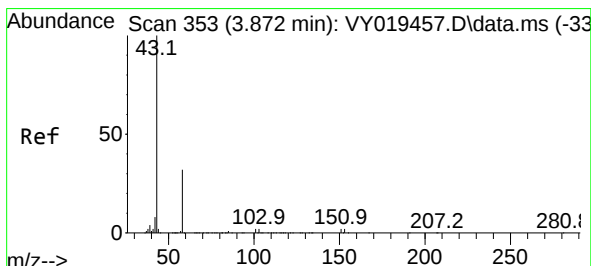
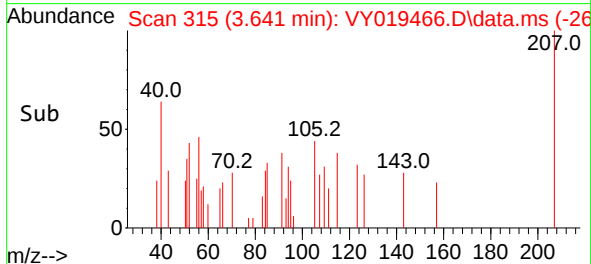
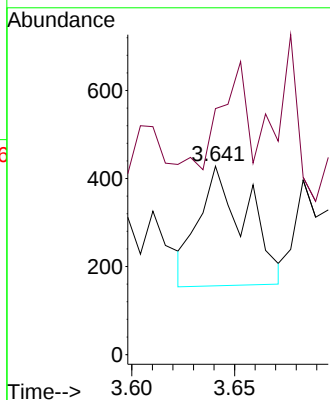
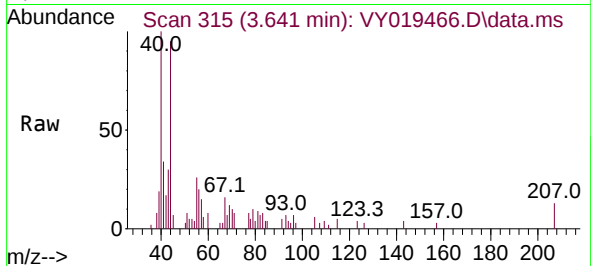




#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

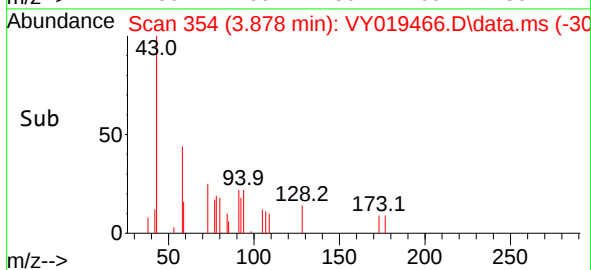
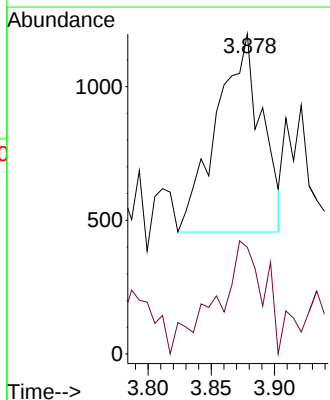
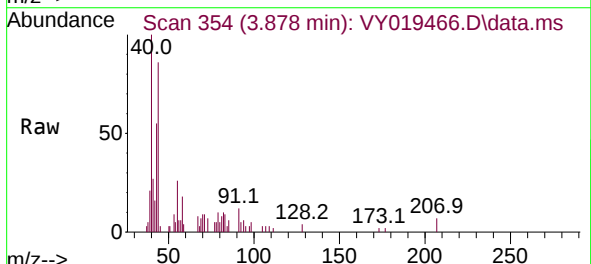
Instrument :
MSVOA_Y
ClientSampleId :

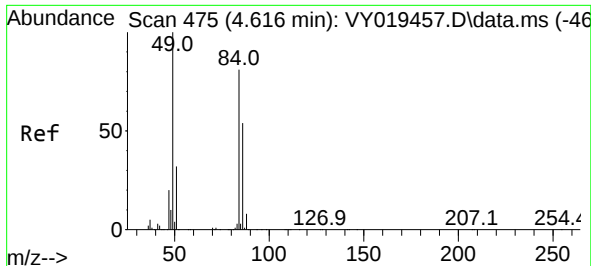
Tgt Ion: 56 Resp: 441
Ion Ratio Lower Upper
56 100
55 68.7 55.7 83.5



#16
Acetone
Concen: 1.590 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

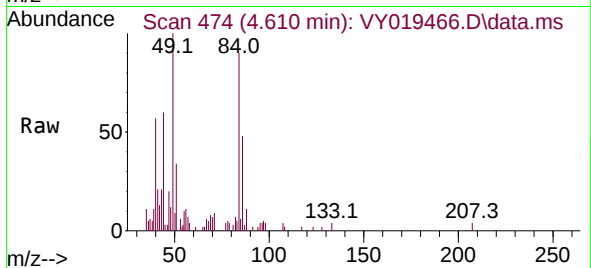
Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
58 53.8 31.7 47.5#



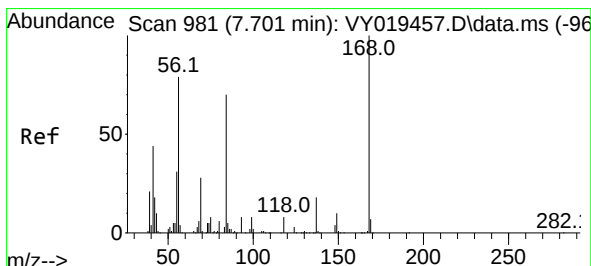
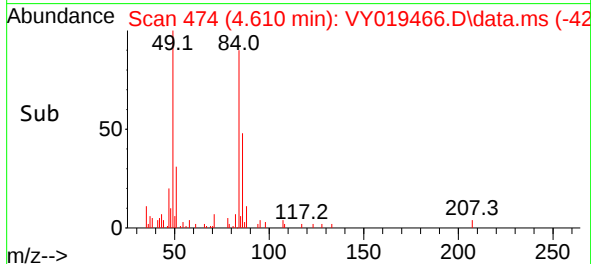
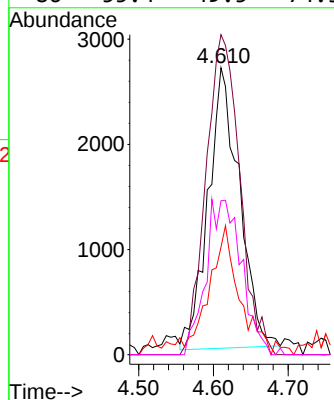


#20
Methylene Chloride
Concen: 1.489 ug/l
RT: 4.610 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

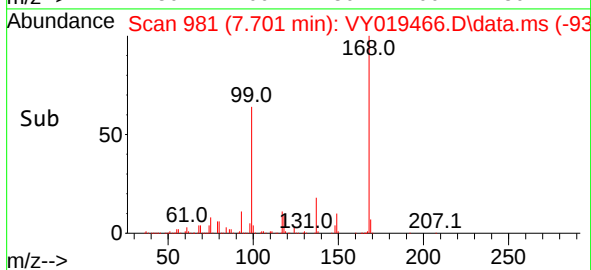
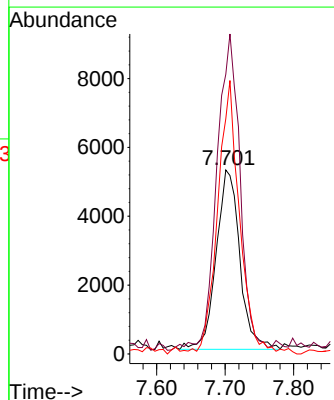
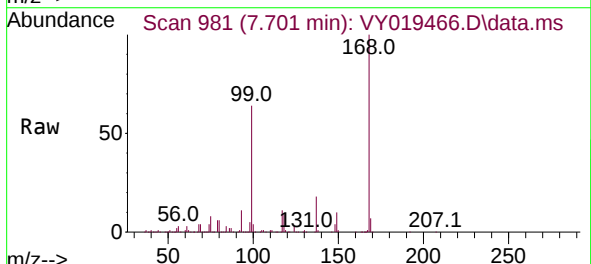


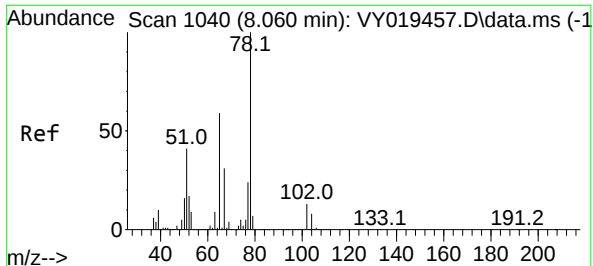
Tgt Ion:	84	Resp:	7757
Ion	Ratio	Lower	Upper
84	100		
49	115.1	84.4	126.6
51	36.0	26.0	39.0
86	55.4	49.5	74.3



#31
Cyclohexane
Concen: 1.456 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion:	56	Resp:	12492
Ion	Ratio	Lower	Upper
56	100		
69	150.6	28.7	43.1#
84	129.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.983 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019466.D

Acq: 09 Sep 2024 15:33

Instrument :

MSVOA_Y

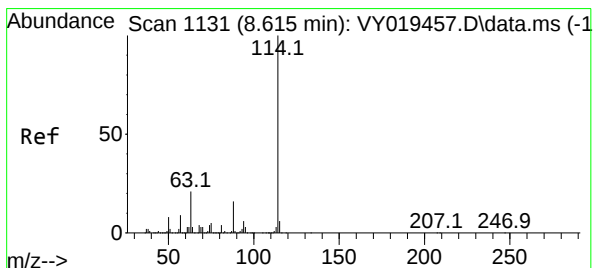
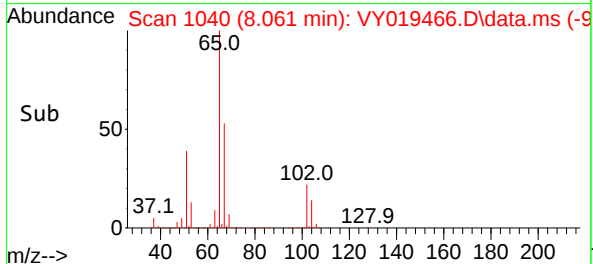
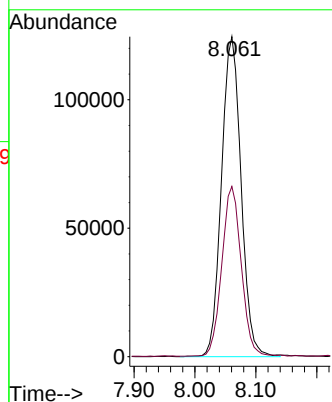
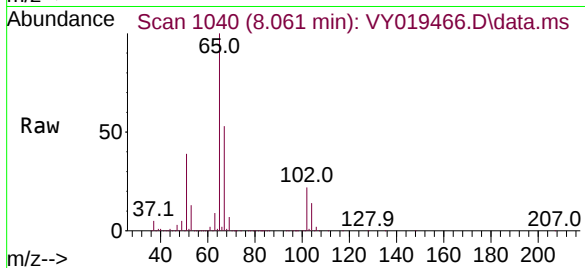
ClientSampleId :

Tgt Ion: 65 Resp: 278039

Ion Ratio Lower Upper

65 100

67 52.6 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: VY019466.D

Acq: 09 Sep 2024 15:33

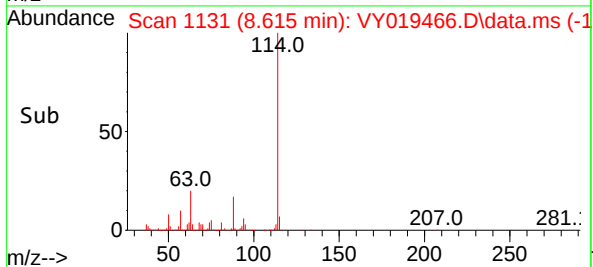
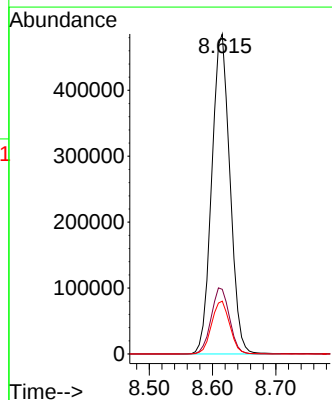
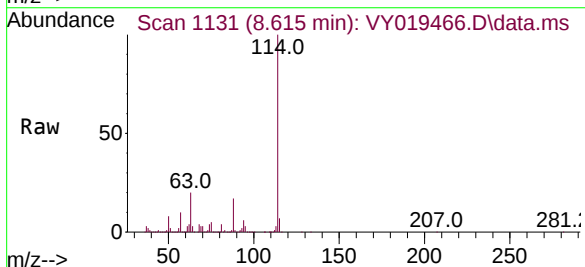
Tgt Ion:114 Resp: 968234

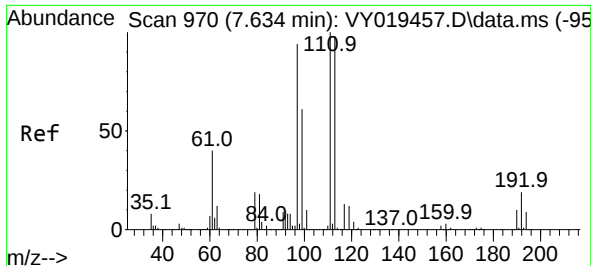
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

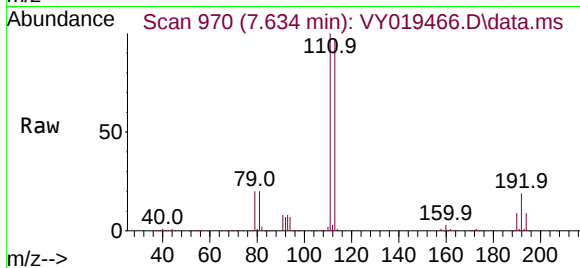
88 16.5 0.0 27.2



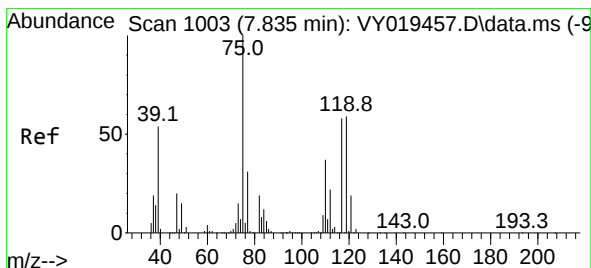
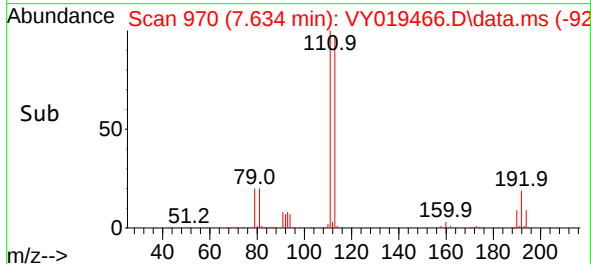
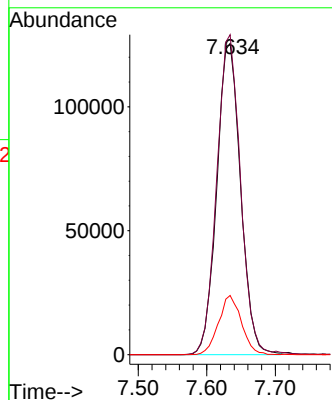


#35
Dibromofluoromethane
Concen: 55.162 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

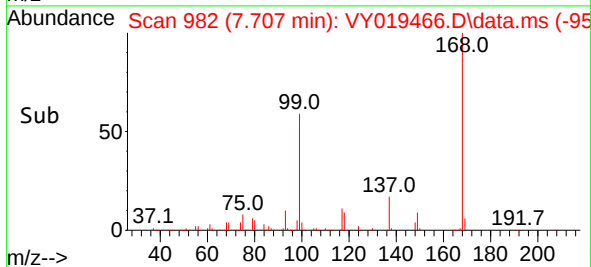
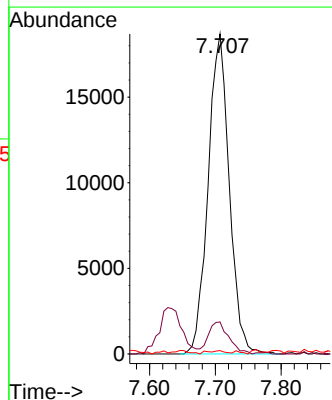
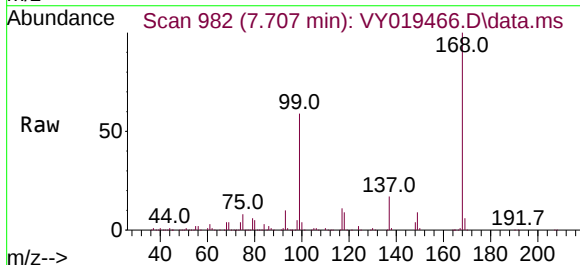


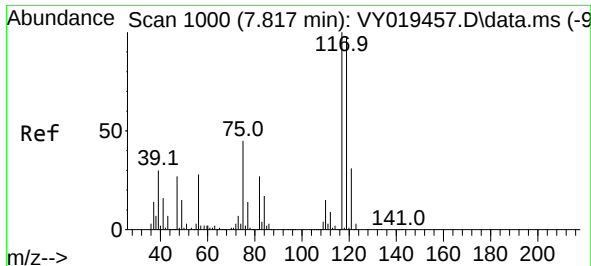
Tgt Ion:113 Resp: 302821
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.610 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

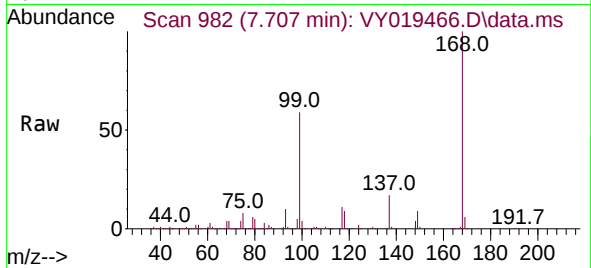
Tgt Ion: 75 Resp: 41907
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.9 25.3 37.9#



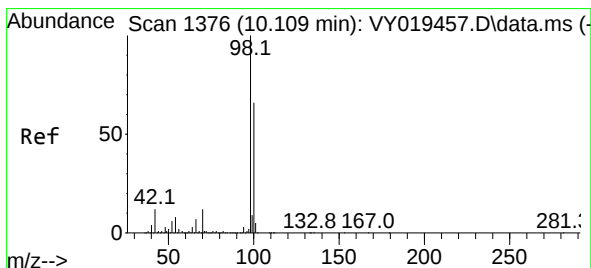
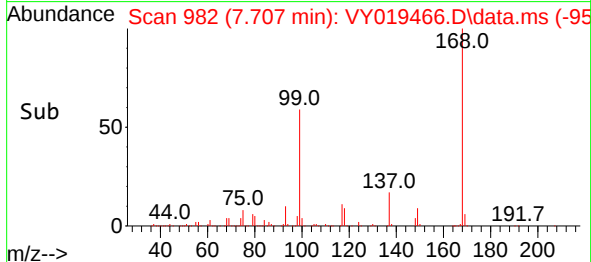
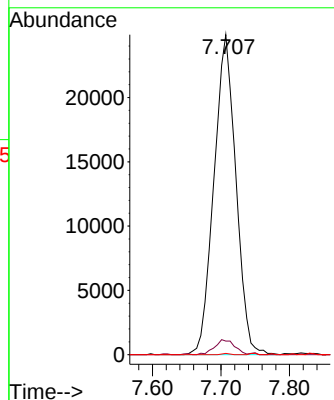


#38
Carbon Tetrachloride
Concen: 6.558 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

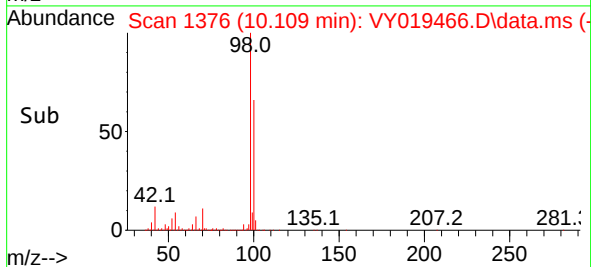
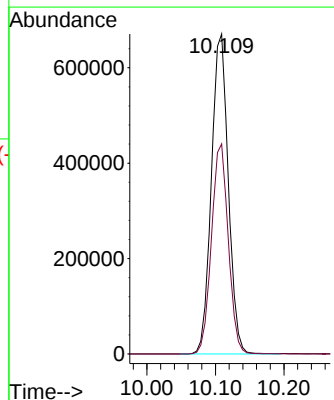
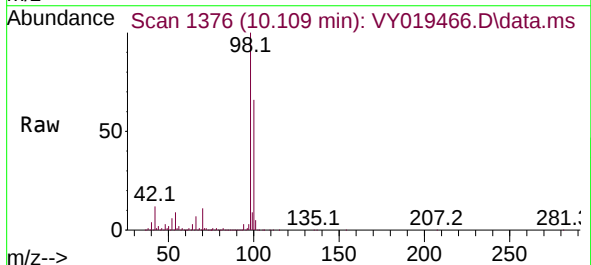


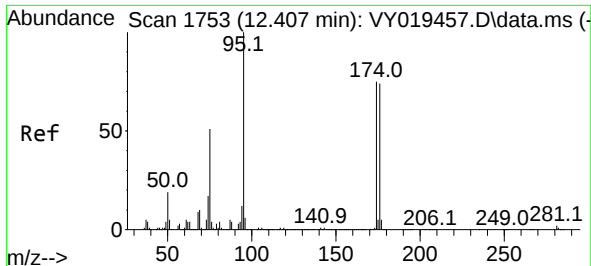
Tgt Ion:117 Resp: 55239
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.4 24.0 36.0#



#50
Toluene-d8
Concen: 56.598 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion: 98 Resp: 1149235
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

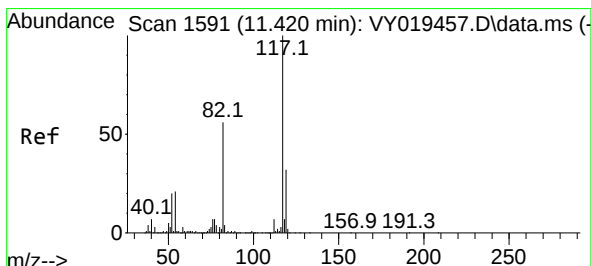
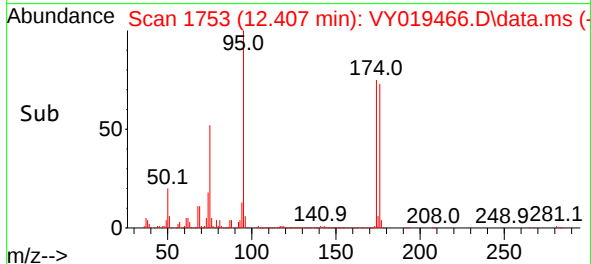
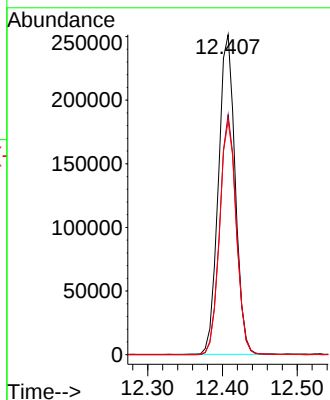
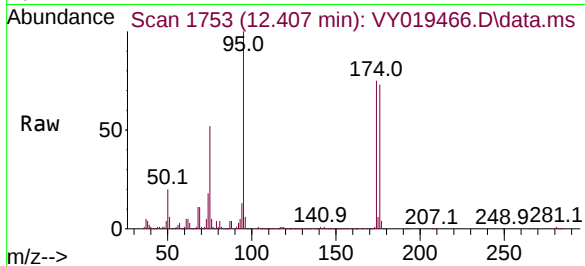




#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

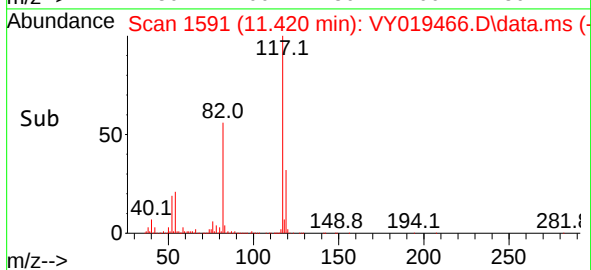
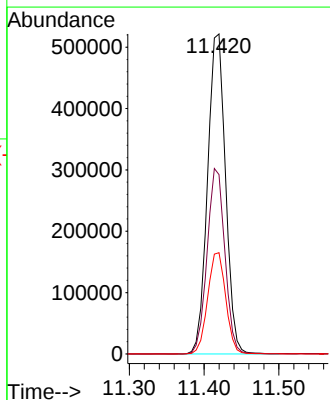
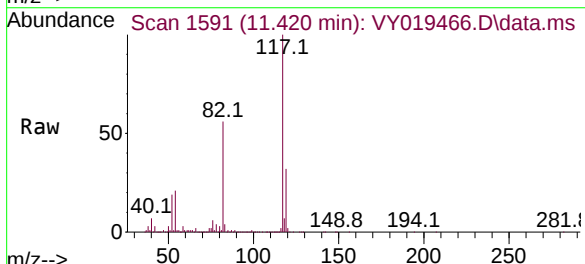
Instrument :
MSVOA_Y
ClientSampleId :

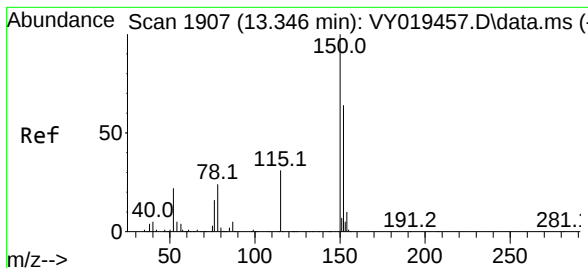
Tgt Ion: 95 Resp: 392430
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 72.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion: 117 Resp: 870742
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 31.7 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: VY019466.D

Acq: 09 Sep 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

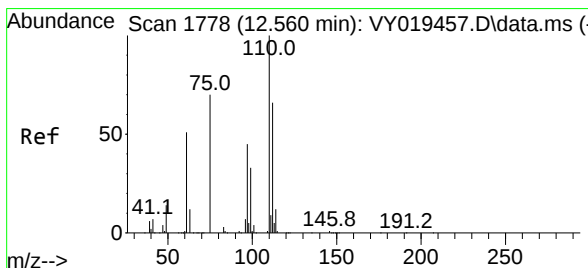
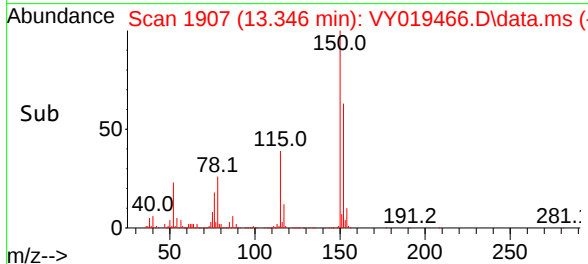
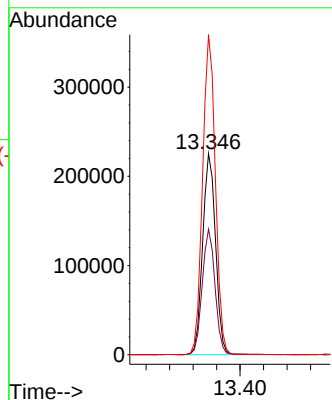
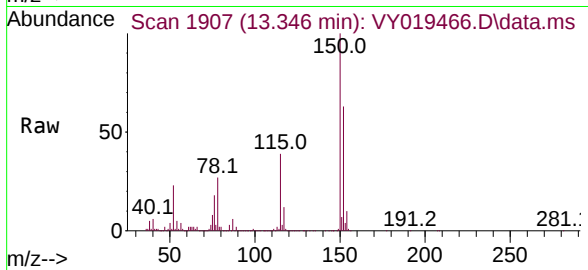
Tgt Ion:152 Resp: 343142

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 62.579 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019466.D

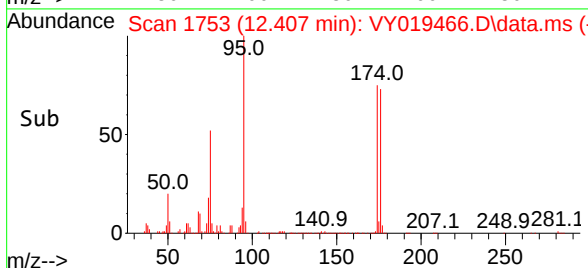
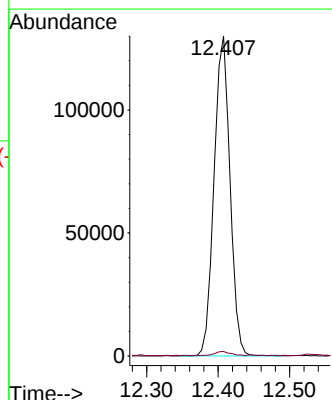
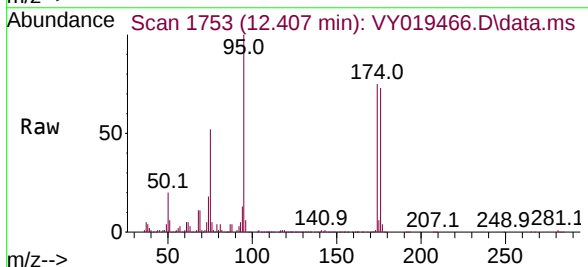
Acq: 09 Sep 2024 15:33

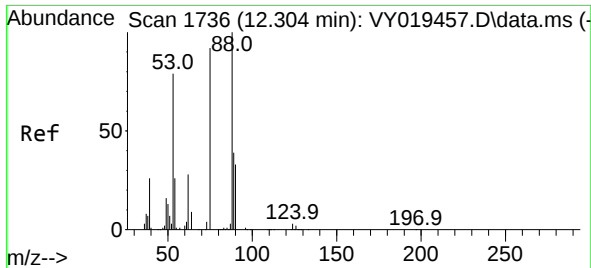
Tgt Ion: 75 Resp: 201270

Ion Ratio Lower Upper

75 100

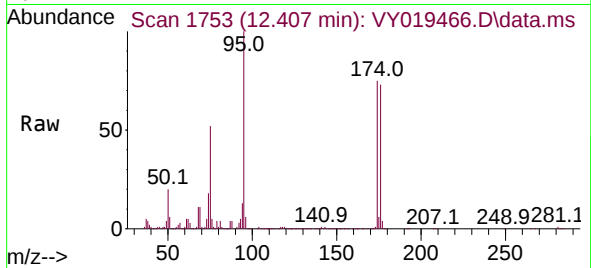
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.134 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019466.D
 Acq: 09 Sep 2024 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 201270
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

