

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018229.D
 Acq On : 10 May 2024 13:20
 Operator : SY/MD
 Sample : P2444-03
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

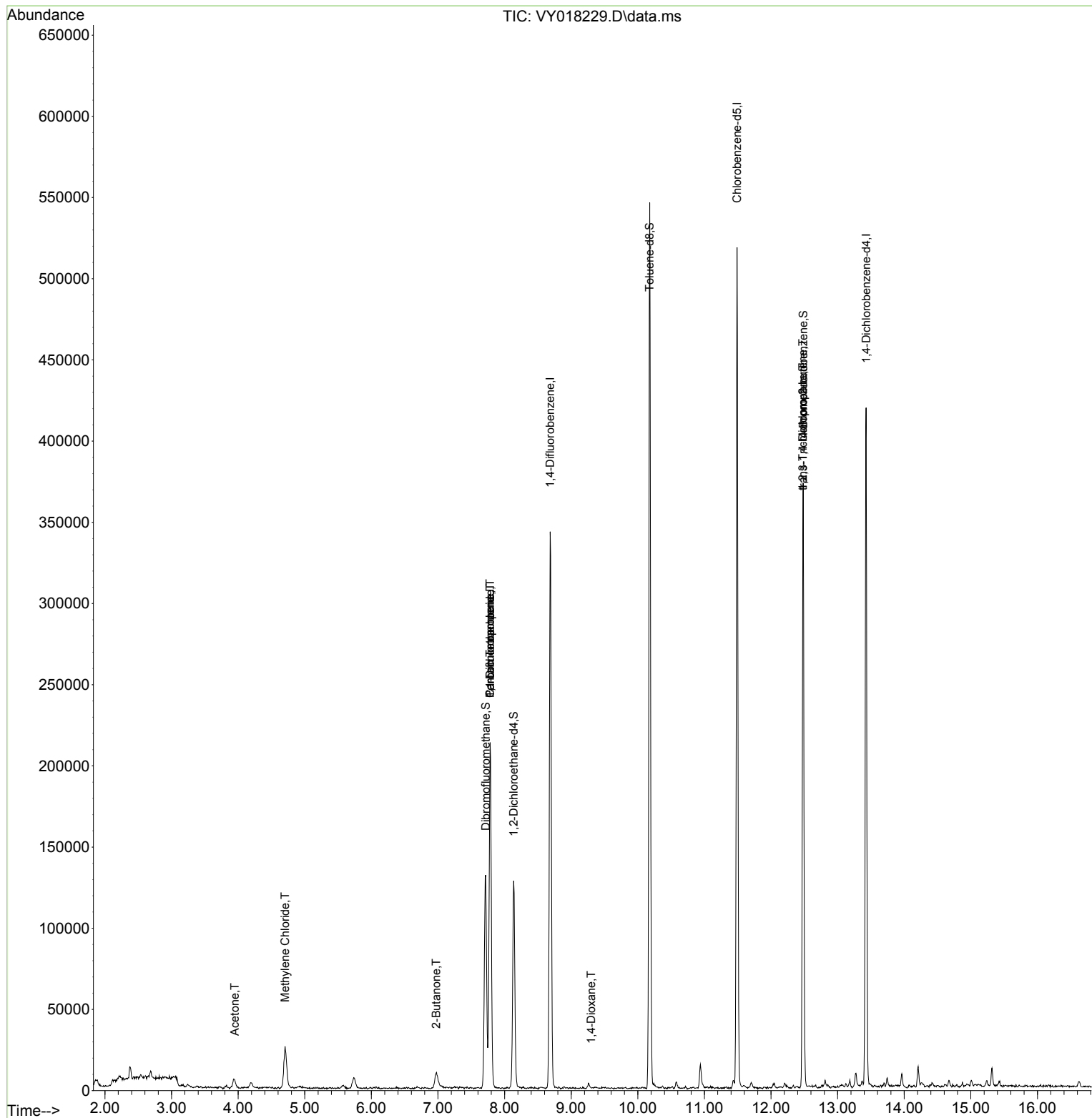
Internal Standards						
1) Pentafluorobenzene	7.783	168	170184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92458	73.849	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 147.700%		
35) Dibromofluoromethane	7.716	113	95585	57.144	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.280%		
50) Toluene-d8	10.179	98	361319	54.816	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 109.640%		
62) 4-Bromofluorobenzene	12.483	95	114650	53.860	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 107.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	707	Below Cal	#	90
16) Acetone	3.948	43	10083	40.357	ug/l	93
20) Methylene Chloride	4.704	84	19719	11.166	ug/l #	97
25) 2-Butanone	6.972	43	1492	3.736	ug/l #	80
31) Cyclohexane	7.789	56	3738	Below Cal	#	14
36) 1,1-Dichloropropene	7.783	75	12940	5.396	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16665	6.360	ug/l #	17
49) 1,4-Dioxane	9.301	88	52	4.041	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	57235	63.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57235	122.553	ug/l #	16

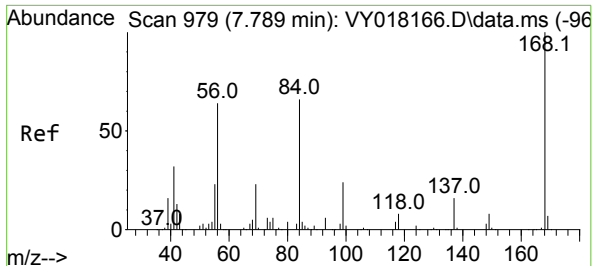
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018229.D
Acq On : 10 May 2024 13:20
Operator : SY/MD
Sample : P2444-03
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 01:00:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

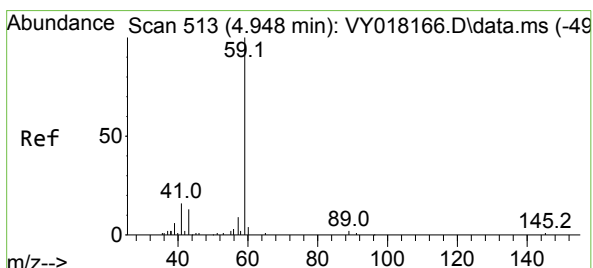
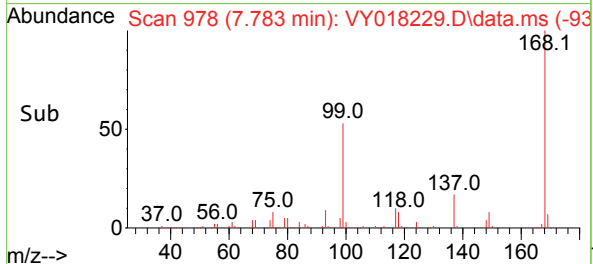
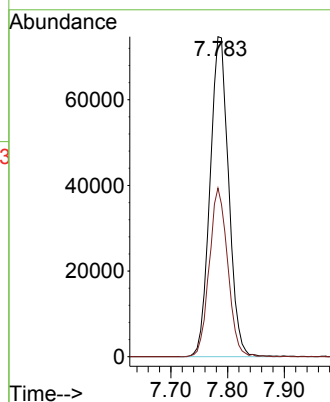
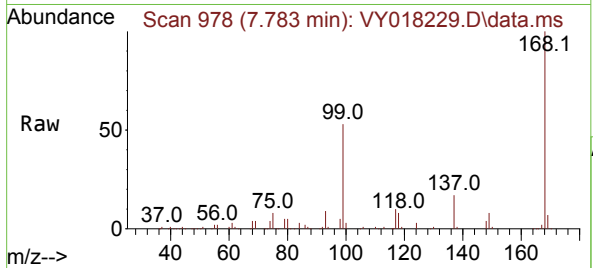




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

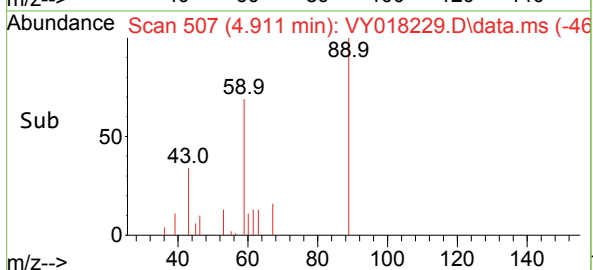
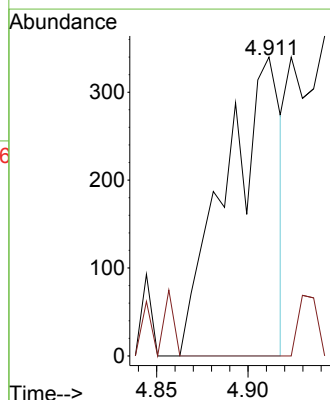
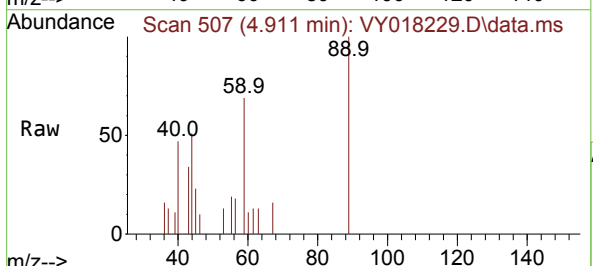
Instrument :
MSVOA_Y
ClientSampleId :

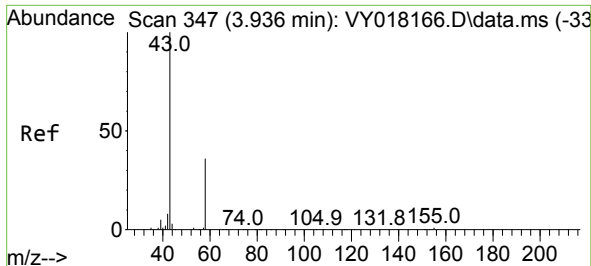
Tgt Ion:168 Resp: 170184
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 6.9 3.0 4.6#

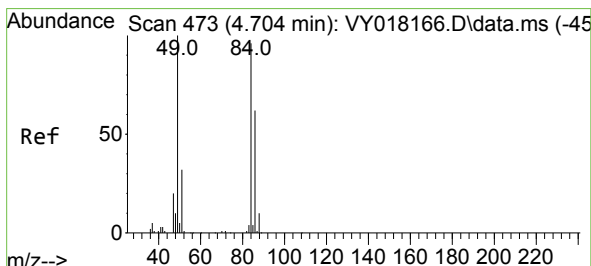
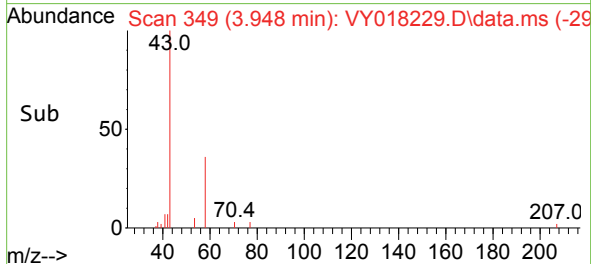
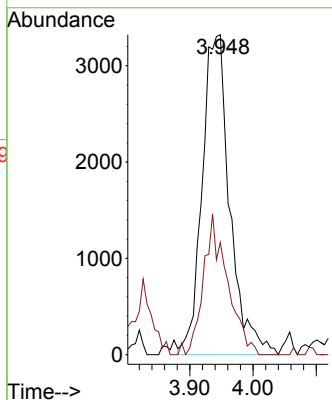
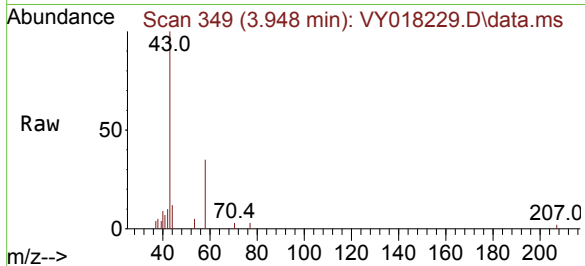




#16
Acetone
Concen: 40.357 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

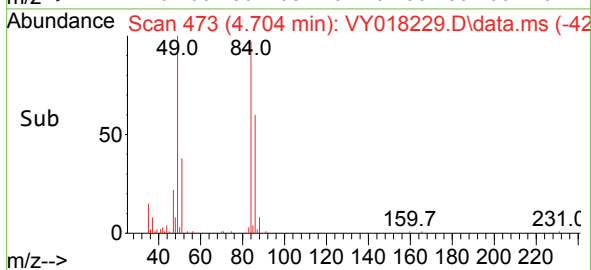
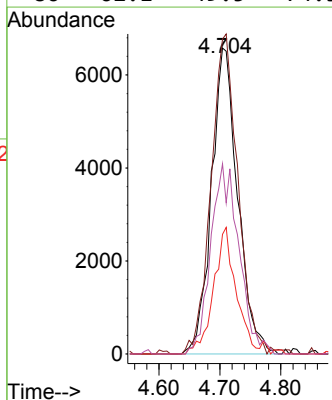
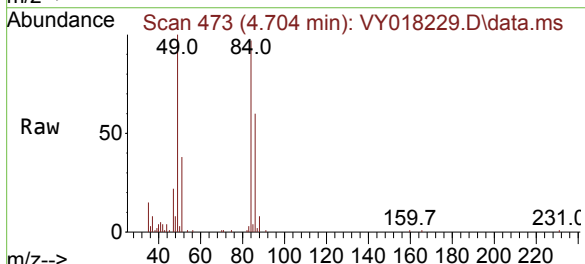
Instrument :
MSVOA_Y
ClientSampleId :

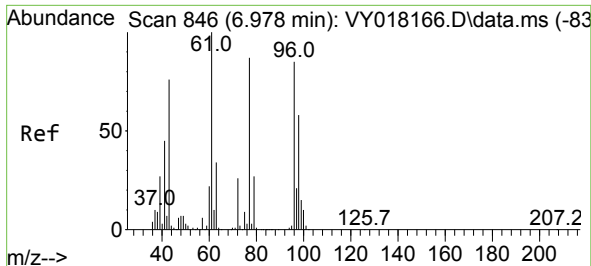
Tgt Ion: 43 Resp: 10083
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5



#20
Methylene Chloride
Concen: 11.166 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion: 84 Resp: 19719
Ion Ratio Lower Upper
84 100
49 102.9 84.4 126.6
51 39.1 26.0 39.0#
86 62.1 49.5 74.3





#25

2-Butanone

Concen: 3.736 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

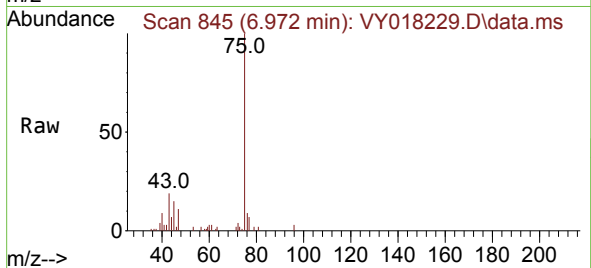
Lab File: VY018229.D

Acq: 10 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

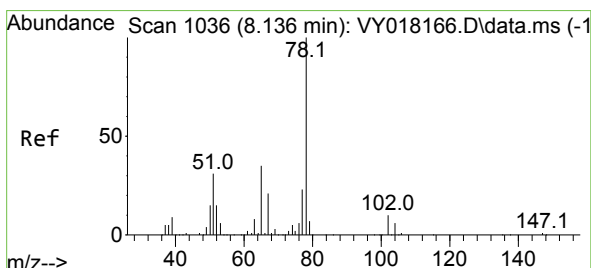
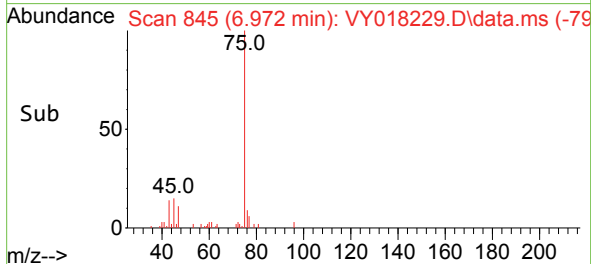
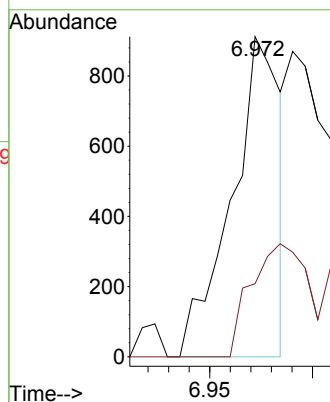


Tgt Ion: 43 Resp: 1492

Ion Ratio Lower Upper

43 100

72 22.8 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 73.849 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018229.D

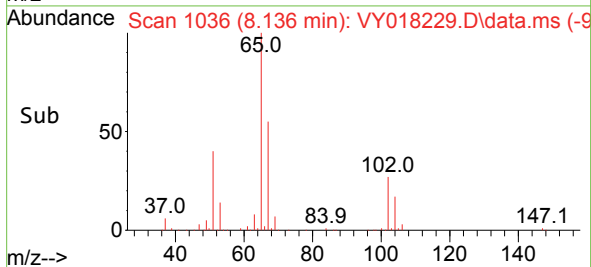
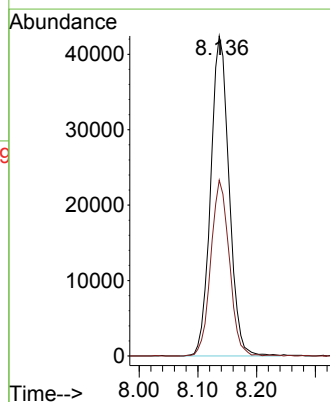
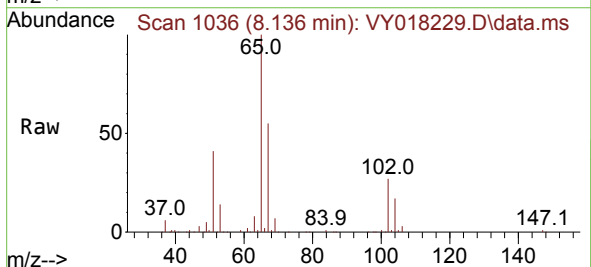
Acq: 10 May 2024 13:20

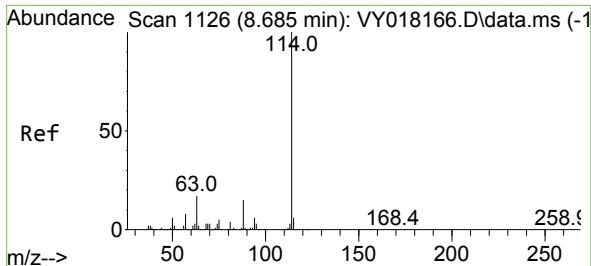
Tgt Ion: 65 Resp: 92458

Ion Ratio Lower Upper

65 100

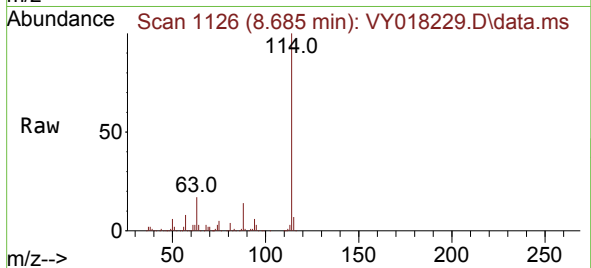
67 55.1 0.0 109.6



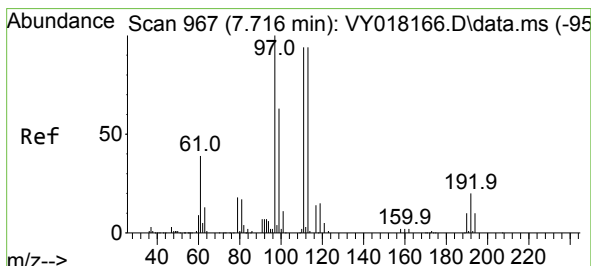
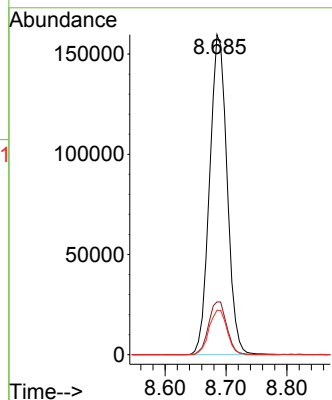
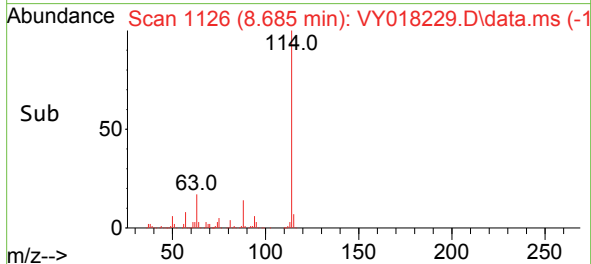


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Instrument :
MSVOA_Y
ClientSampleId :

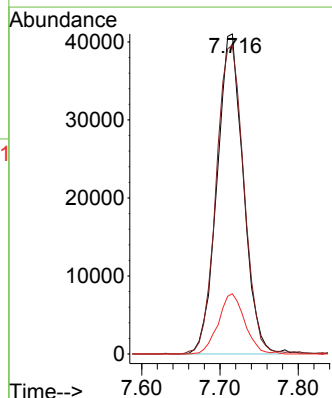
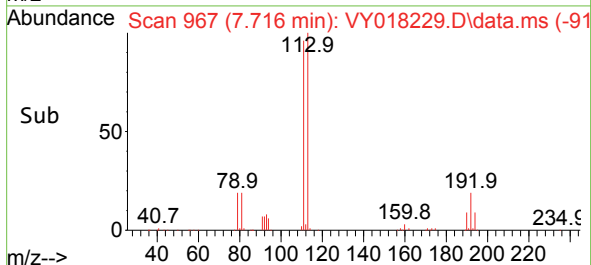
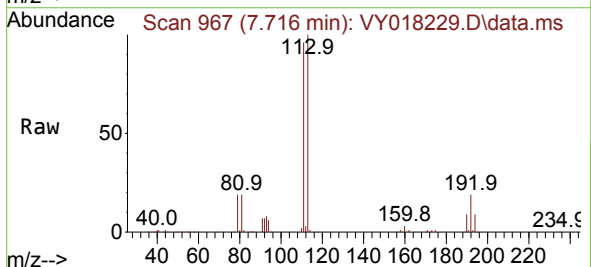


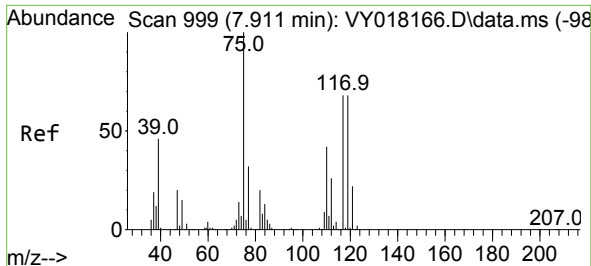
Tgt Ion:114 Resp: 318278
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.144 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion:113 Resp: 95585
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.9 15.9 23.9

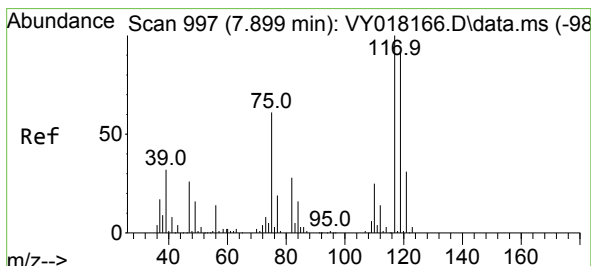
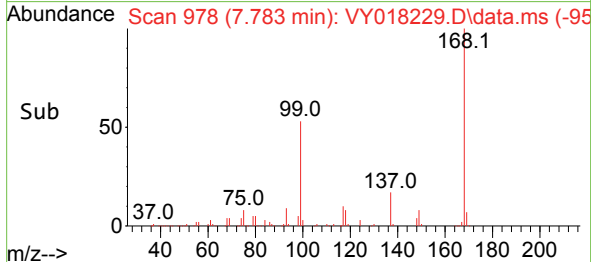
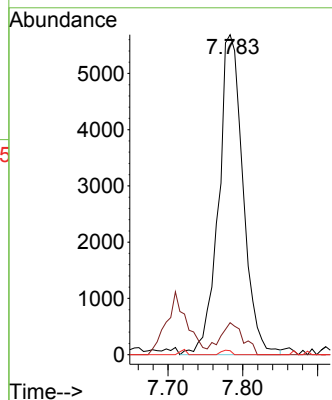
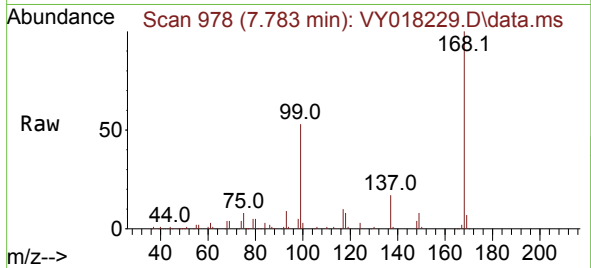




#36
 1,1-Dichloropropene
 Concen: 5.396 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018229.D
 Acq: 10 May 2024 13:20

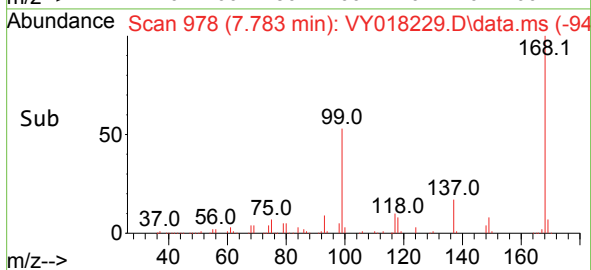
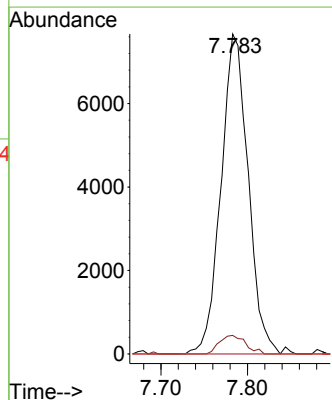
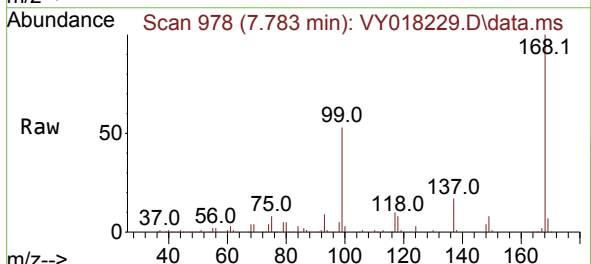
Instrument :
 MSVOA_Y
 ClientSampleId :

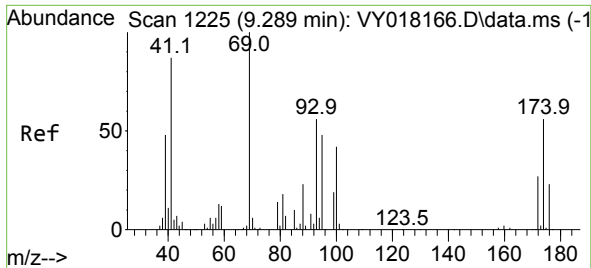
Tgt Ion: 75 Resp: 12940
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.0 57.0#
 77 0.6 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.360 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY018229.D
 Acq: 10 May 2024 13:20

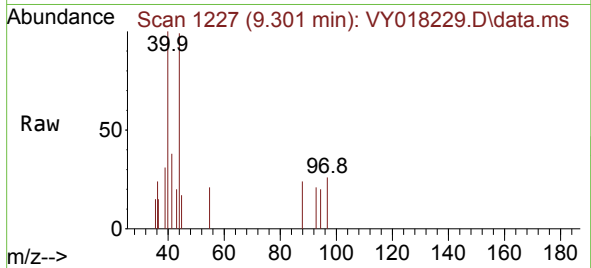
Tgt Ion: 117 Resp: 16665
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.8 113.6#
 121 0.0 24.0 36.0#



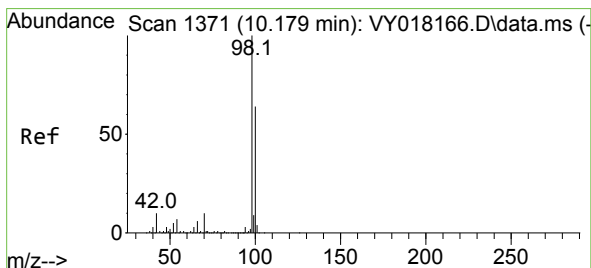
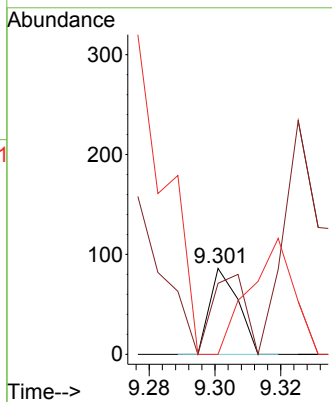
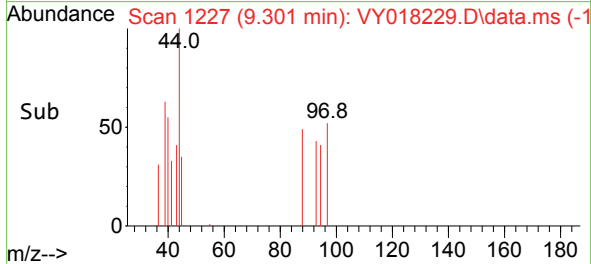


#49
1,4-Dioxane
Concen: 4.041 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Instrument :
MSVOA_Y
ClientSampleId :

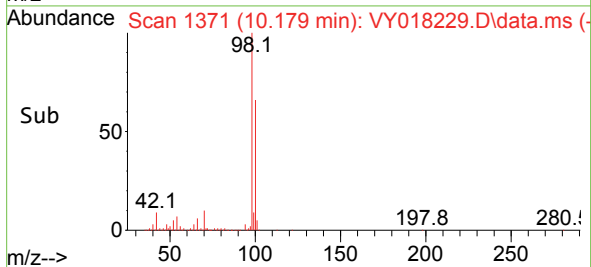
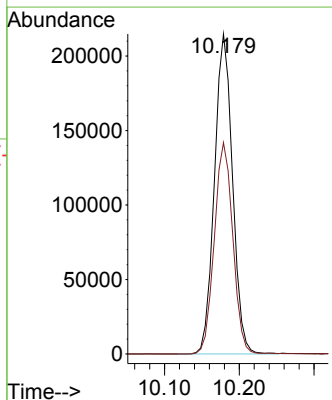
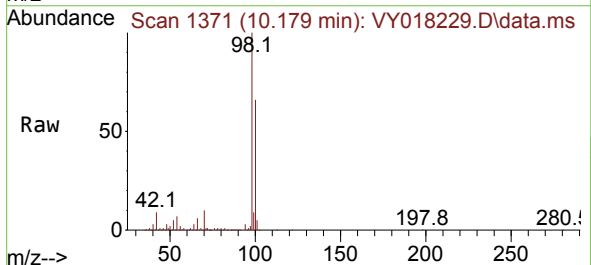


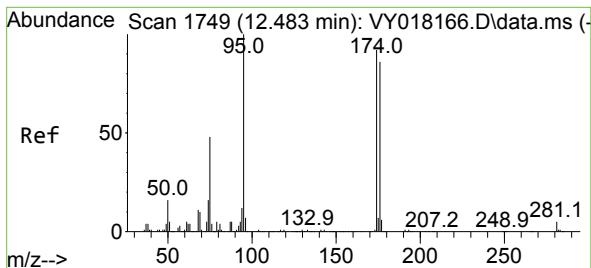
Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 54.816 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018229.D
Acq: 10 May 2024 13:20

Tgt Ion: 98 Resp: 361319
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.860 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

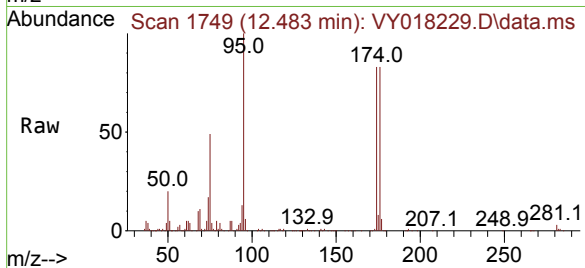
Lab File: VY018229.D

Acq: 10 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :



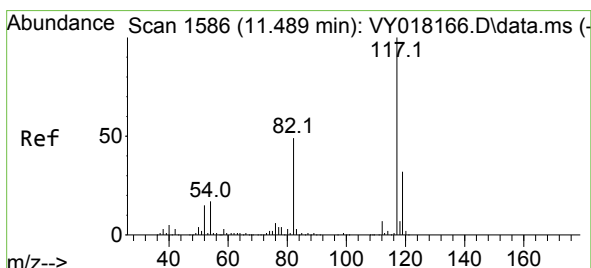
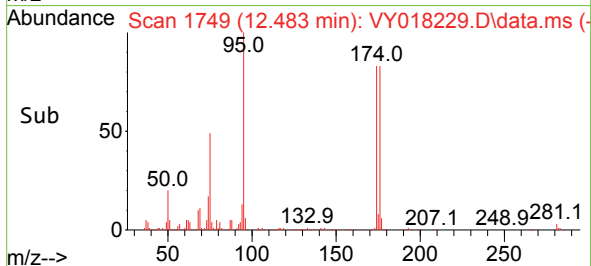
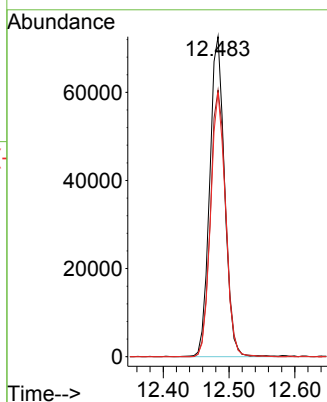
Tgt Ion: 95 Resp: 114650

Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 82.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018229.D

Acq: 10 May 2024 13:20

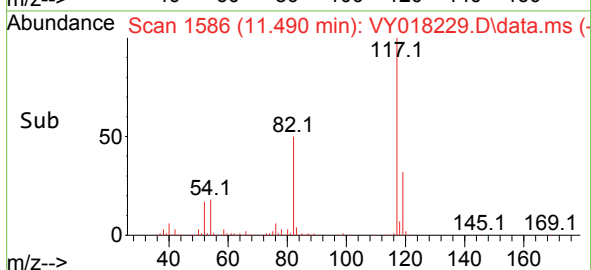
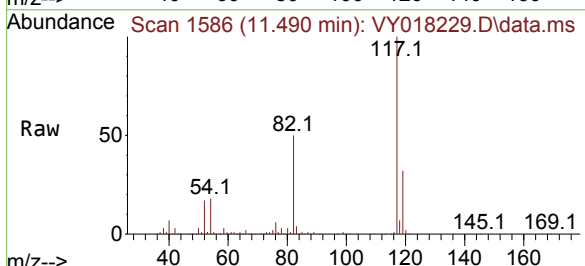
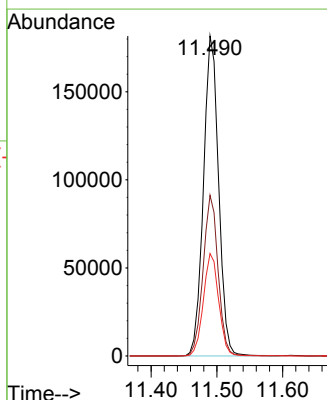
Tgt Ion: 117 Resp: 291198

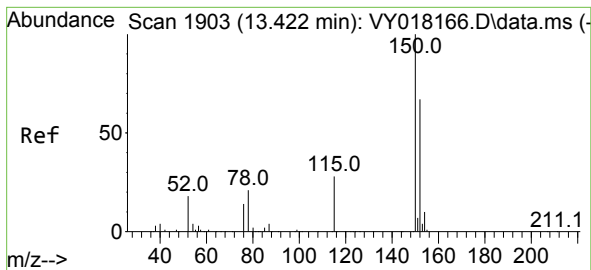
Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018229.D

Acq: 10 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

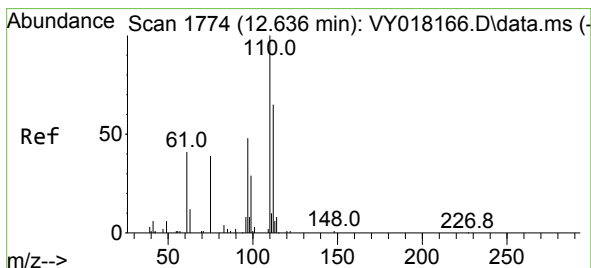
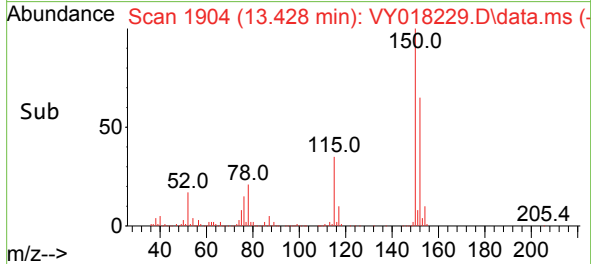
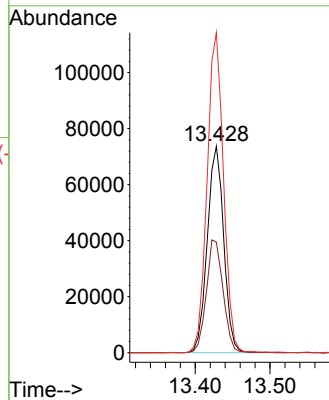
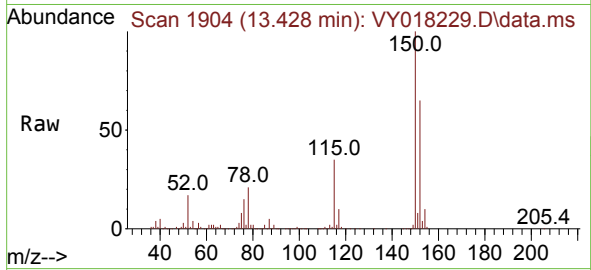
Tgt Ion:152 Resp: 112413

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 154.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.609 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018229.D

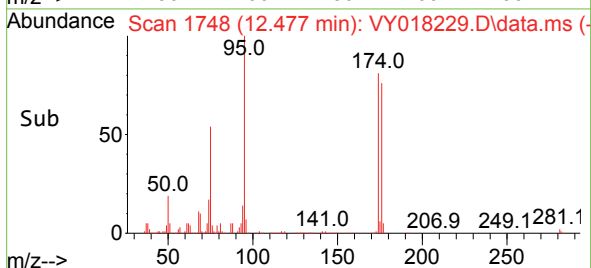
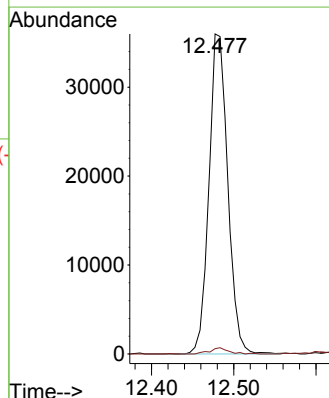
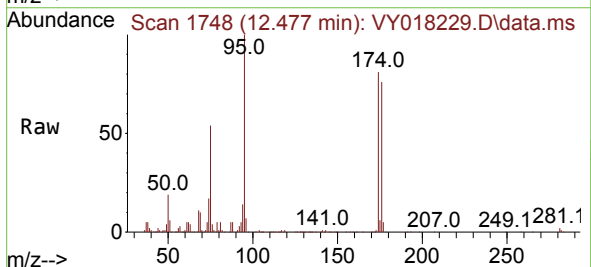
Acq: 10 May 2024 13:20

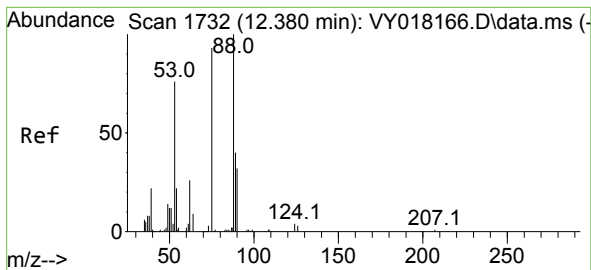
Tgt Ion: 75 Resp: 57235

Ion Ratio Lower Upper

75 100

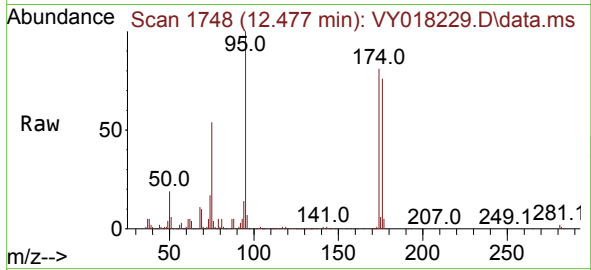
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.553 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018229.D
 Acq: 10 May 2024 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	57235
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

