

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018490.D
 Acq On : 05 Jun 2024 17:25
 Operator : SY/MD
 Sample : P2704-03
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

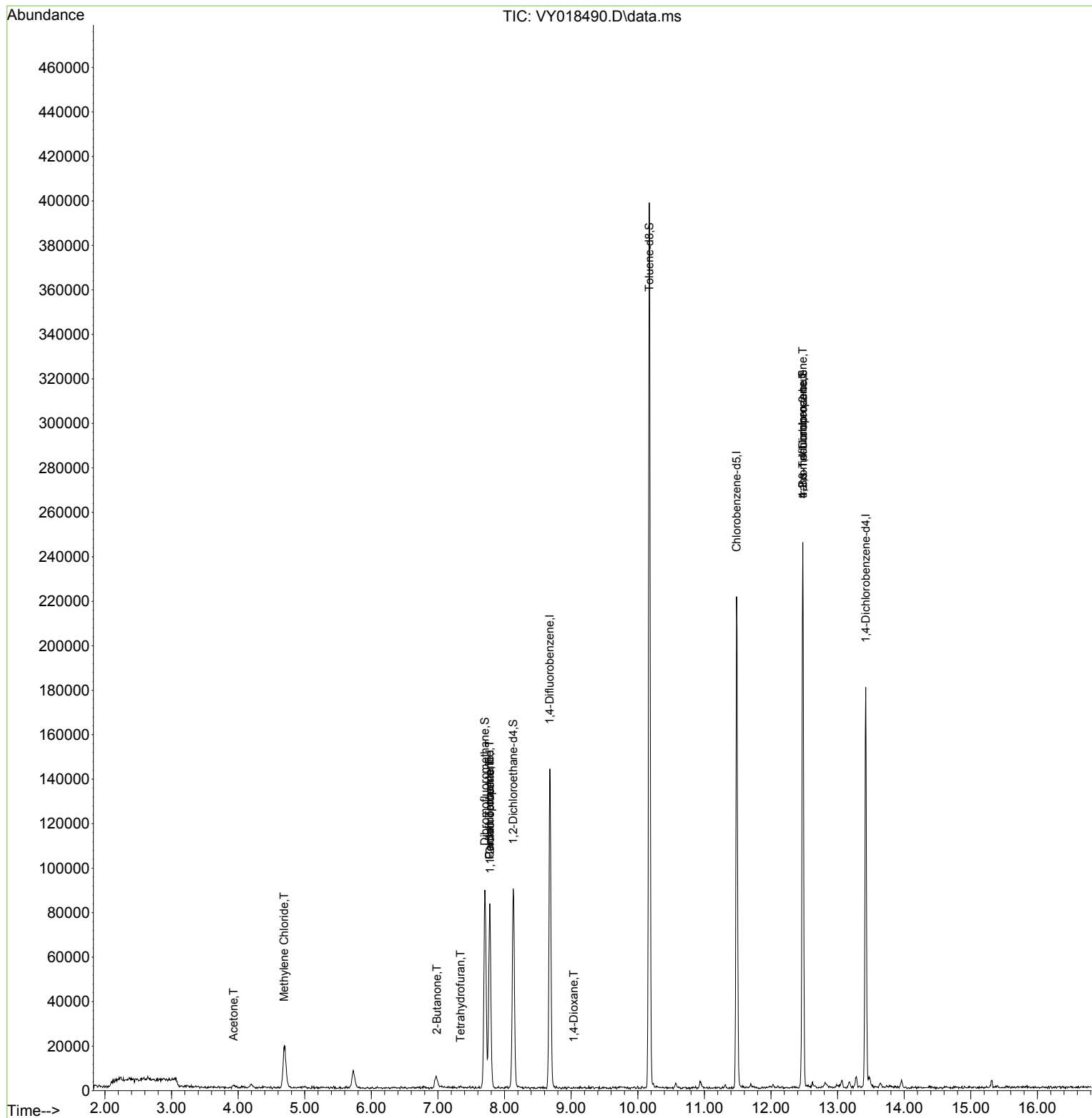
Internal Standards						
1) Pentafluorobenzene	7.777	168	56052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	116677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	110725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67513	61.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.660%	
35) Dibromofluoromethane	7.704	113	61994	41.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.800%	
50) Toluene-d8	10.173	98	247076	41.977	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.960%	
62) 4-Bromofluorobenzene	12.477	95	71763	39.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	255	Below Cal	#	57
16) Acetone	3.930	43	1860	7.613	ug/l #	86
20) Methylene Chloride	4.692	84	13058	6.723	ug/l #	85
25) 2-Butanone	6.984	43	608	1.624	ug/l #	41
29) Tetrahydrofuran	7.338	42	289	1.189	ug/l #	39
36) 1,1-Dichloropropene	7.783	75	6007	2.663	ug/l #	44
38) Carbon Tetrachloride	7.777	117	6146	2.719	ug/l #	17
49) 1,4-Dioxane	9.039	88	28	2.406	ug/l #	55
76) 1,2,3-Trichloropropane	12.477	75	40988	80.591	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40988	169.317	ug/l #	17

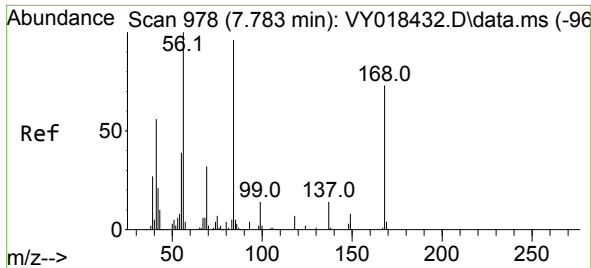
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

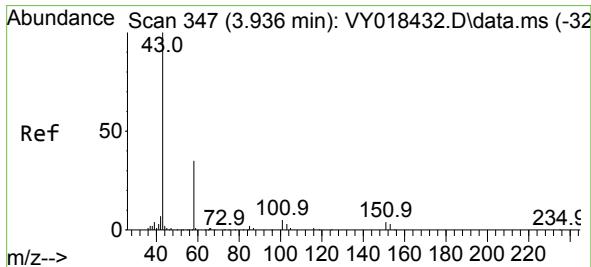
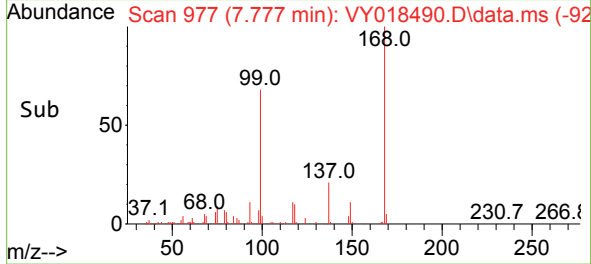
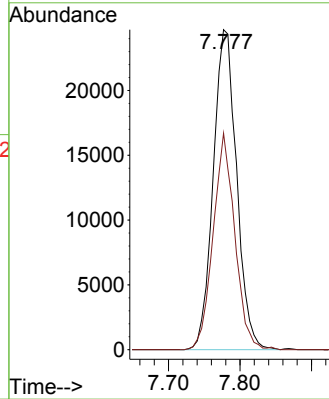
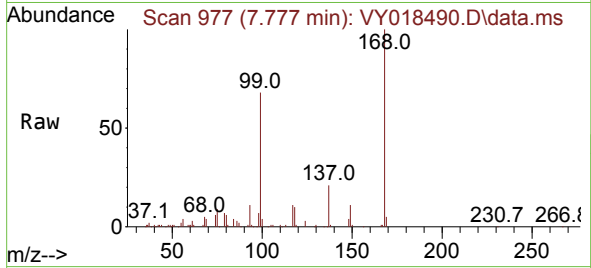




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

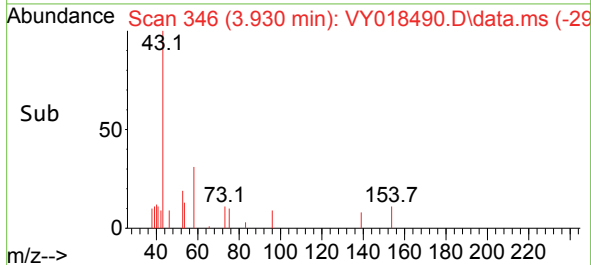
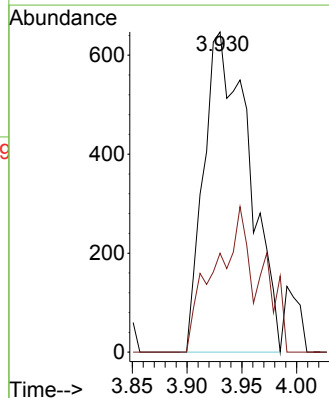
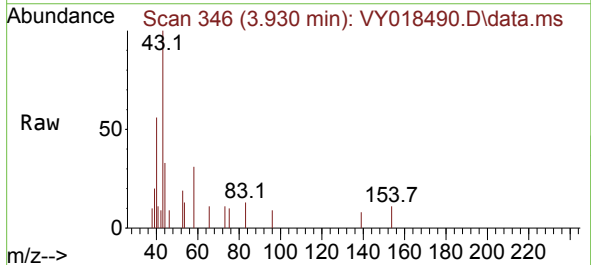
Instrument :
MSVOA_Y
ClientSampleId :

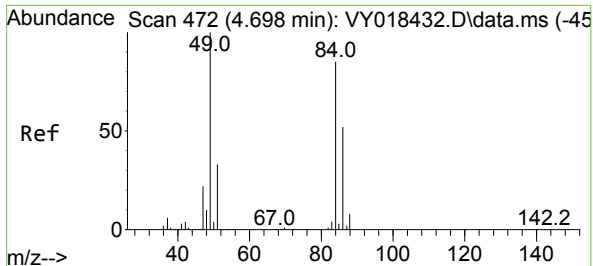
Tgt Ion:168 Resp: 56052
Ion Ratio Lower Upper
168 100
99 67.6 39.1 58.7#



#16
Acetone
Concen: 7.613 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

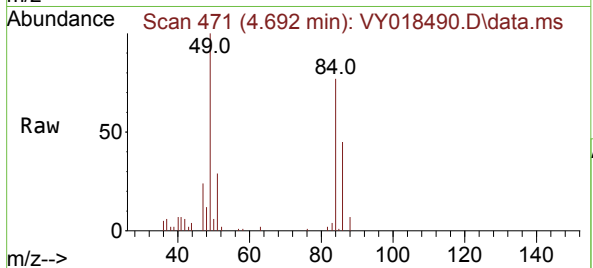
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#



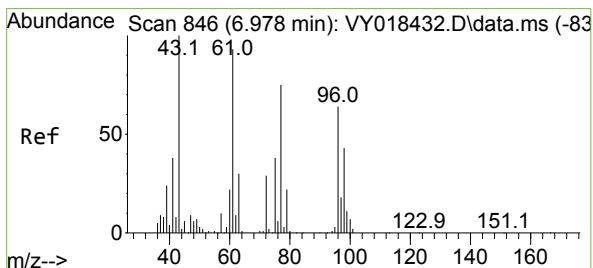
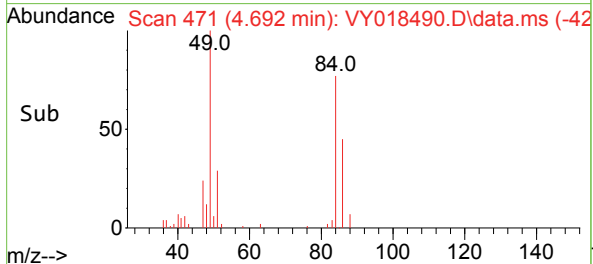
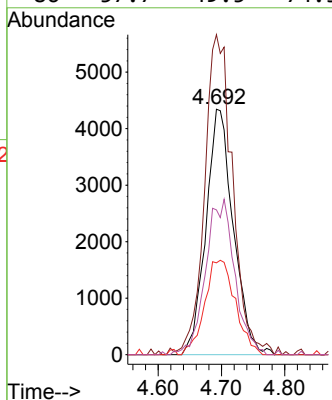


#20
Methylene Chloride
Concen: 6.723 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

Instrument :
MSVOA_Y
ClientSampleId :

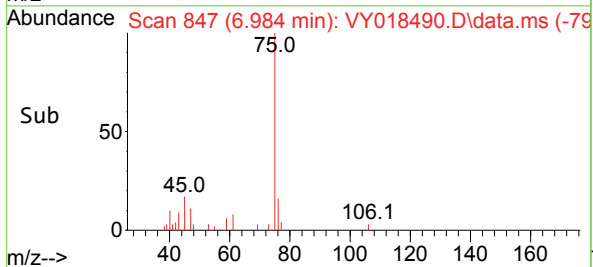
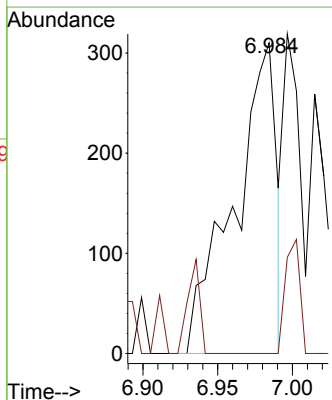
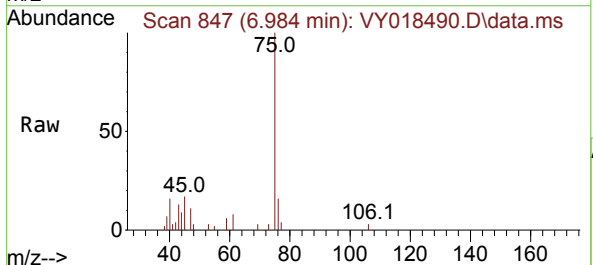


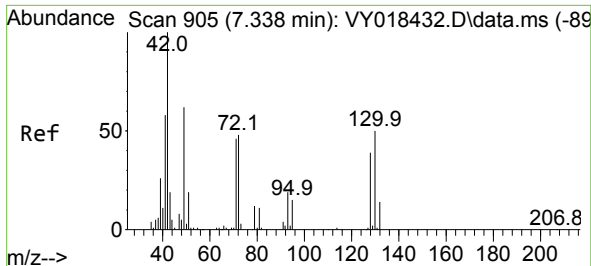
Tgt Ion: 84 Resp: 13058
Ion Ratio Lower Upper
84 100
49 128.5 84.4 126.6#
51 37.4 26.0 39.0
86 57.7 49.5 74.3



#25
2-Butanone
Concen: 1.624 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.189 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

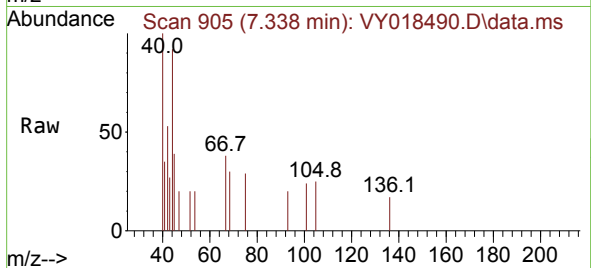
Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

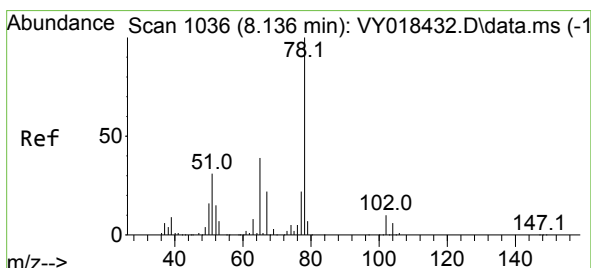
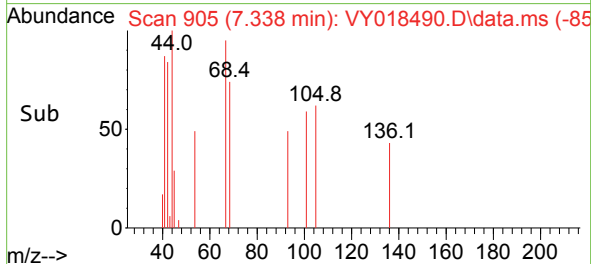
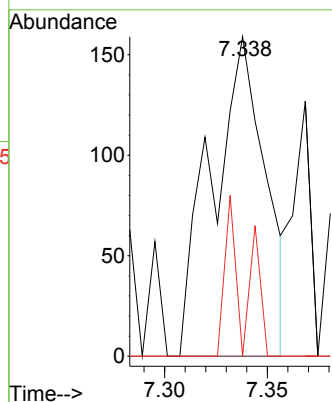
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	289
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	18.3	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 61.332 ug/l

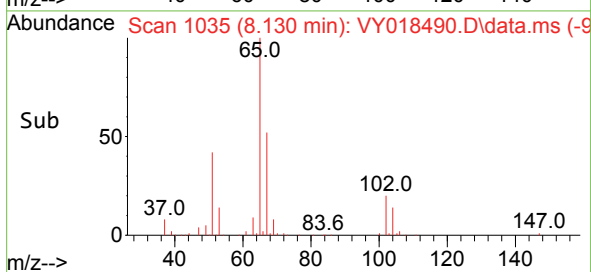
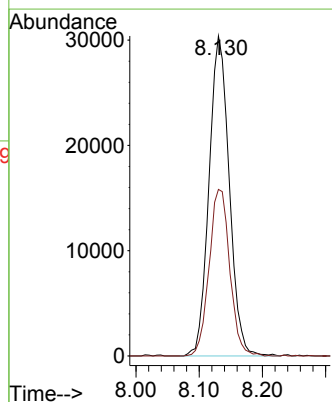
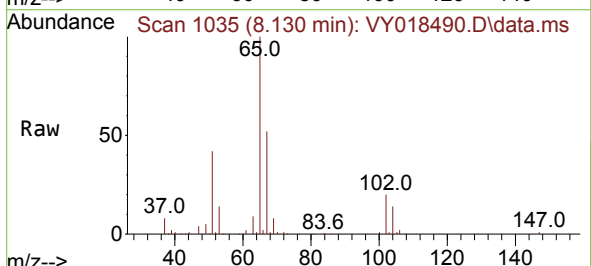
RT: 8.130 min Scan# 1035

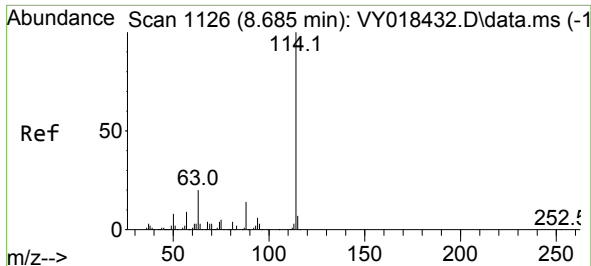
Delta R.T. -0.006 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Tgt Ion:	65	Resp:	67513
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

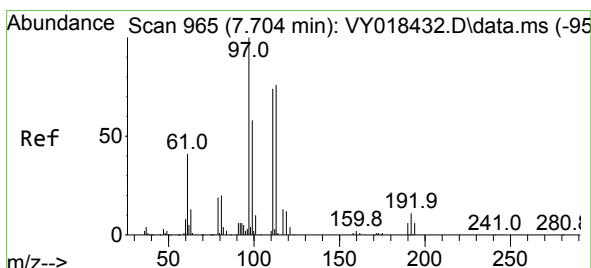
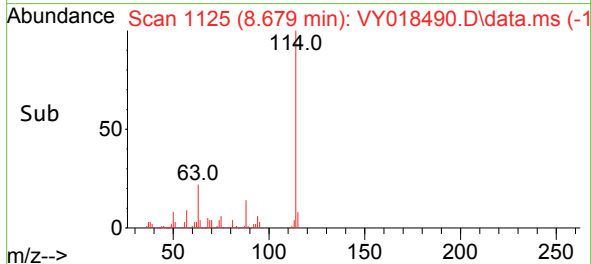
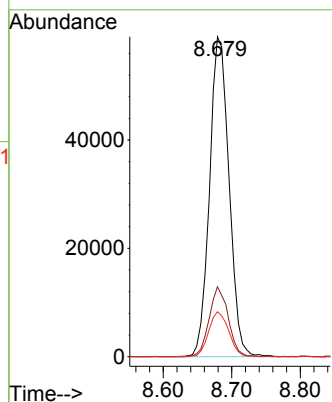
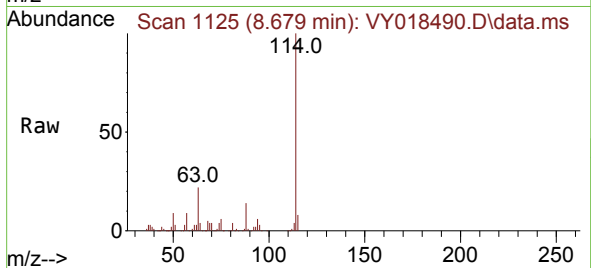
Tgt Ion:114 Resp: 116677

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.901 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

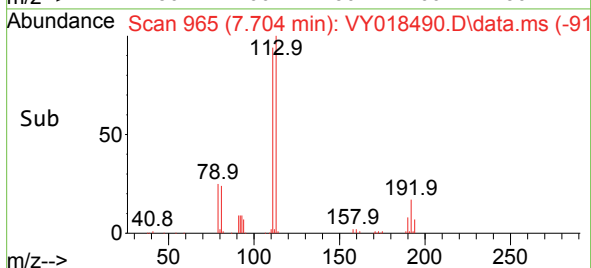
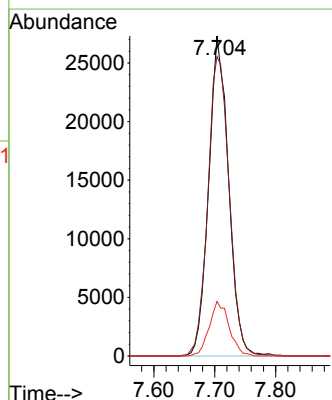
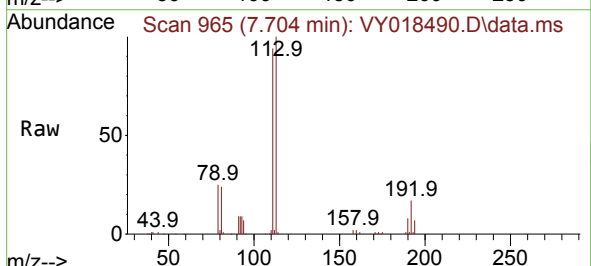
Tgt Ion:113 Resp: 61994

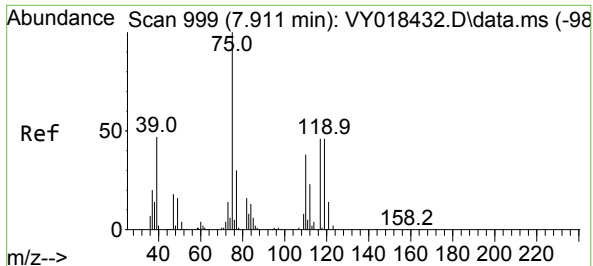
Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 17.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 2.663 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

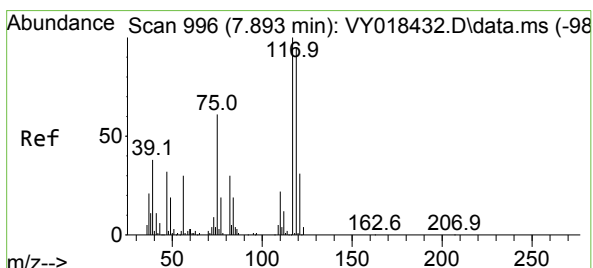
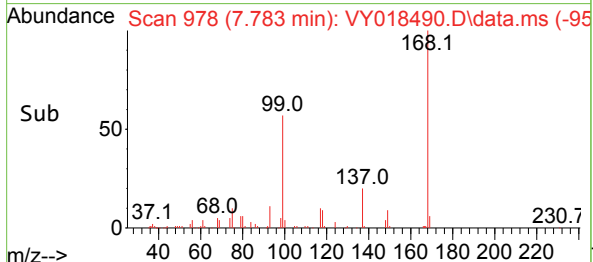
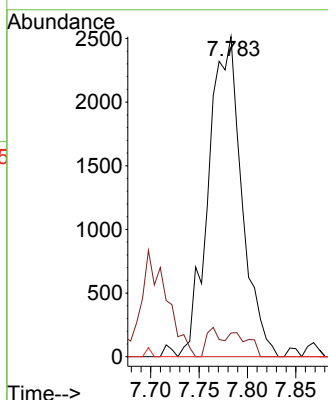
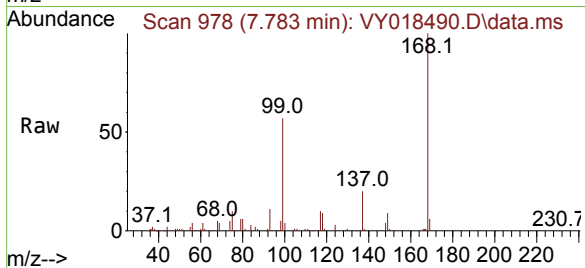
Tgt Ion: 75 Resp: 6007

Ion Ratio Lower Upper

75 100

110 4.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 2.719 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

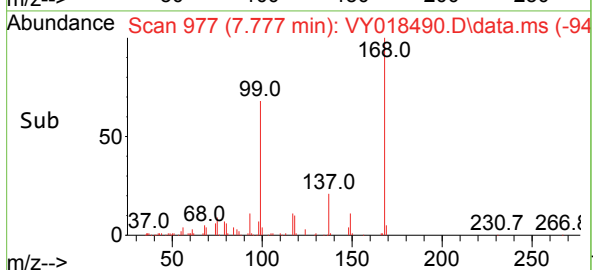
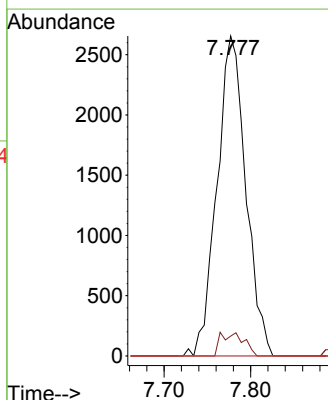
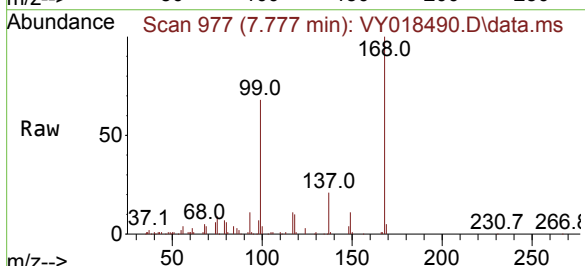
Tgt Ion: 117 Resp: 6146

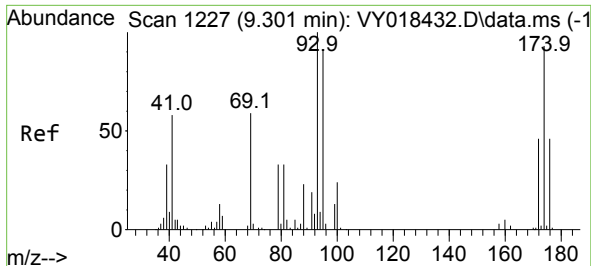
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.406 ug/l

RT: 9.039 min Scan# 1184

Delta R.T. -0.262 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

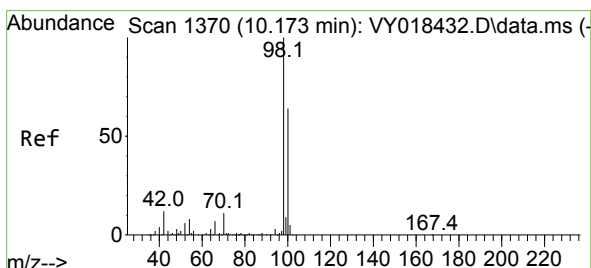
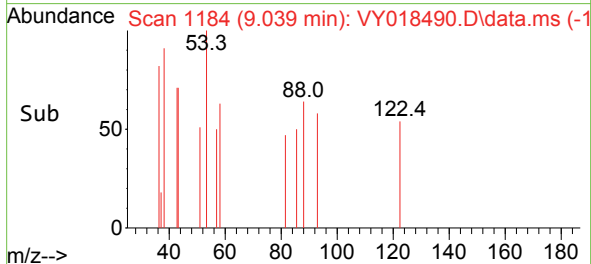
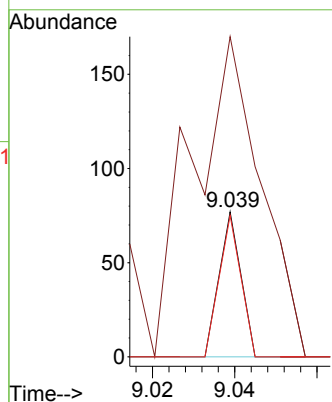
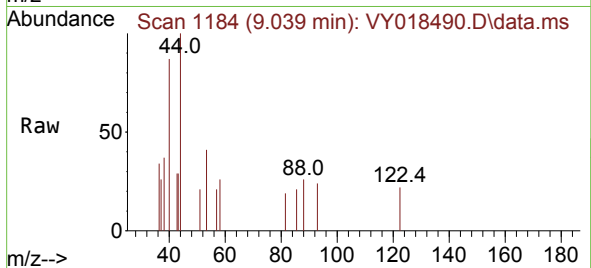
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 707.1 0.0 0.0#

58 96.4 49.3 73.9#



#50

Toluene-d8

Concen: 41.977 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018490.D

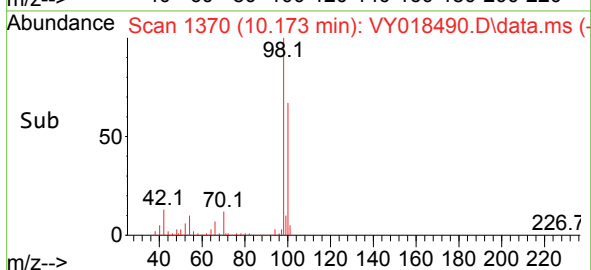
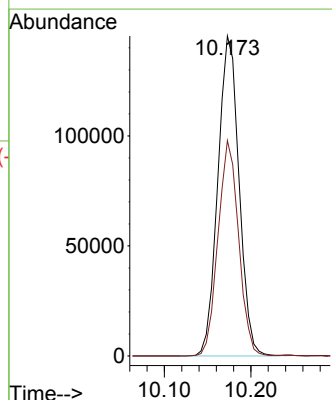
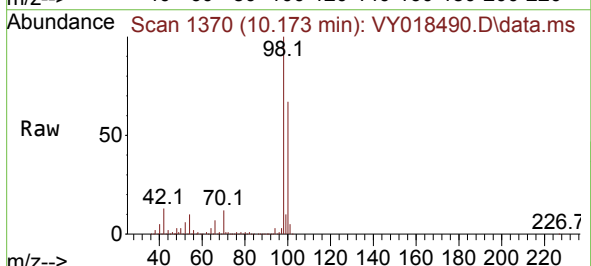
Acq: 05 Jun 2024 17:25

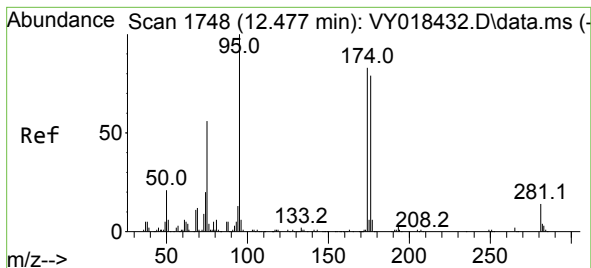
Tgt Ion: 98 Resp: 247076

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

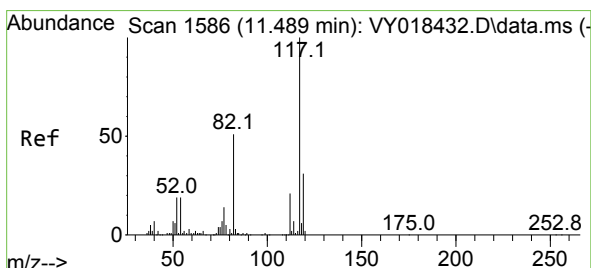
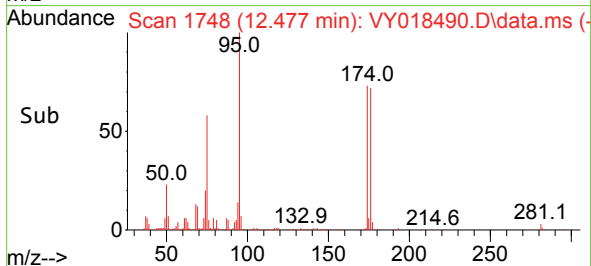
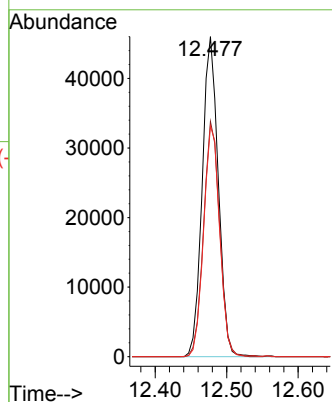
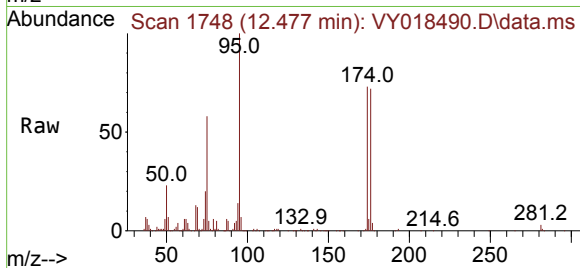




#62
4-Bromofluorobenzene
Concen: 39.158 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

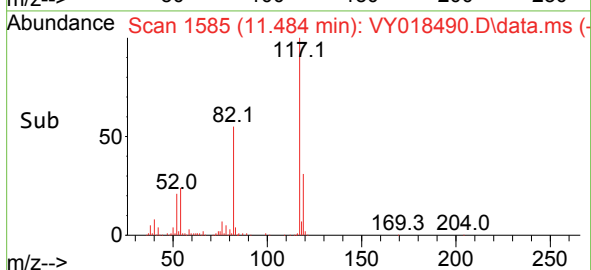
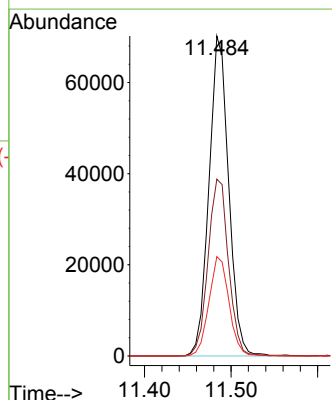
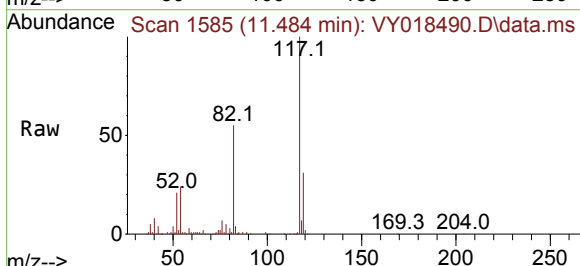
Instrument :
MSVOA_Y
ClientSampleId :

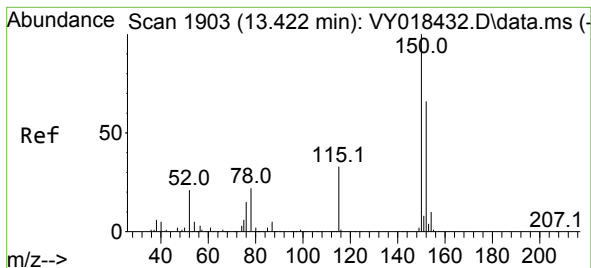
Tgt Ion: 95 Resp: 71763
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018490.D
Acq: 05 Jun 2024 17:25

Tgt Ion:117 Resp: 110725
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018490.D

Acq: 05 Jun 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

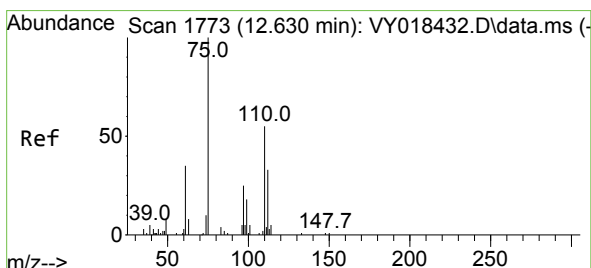
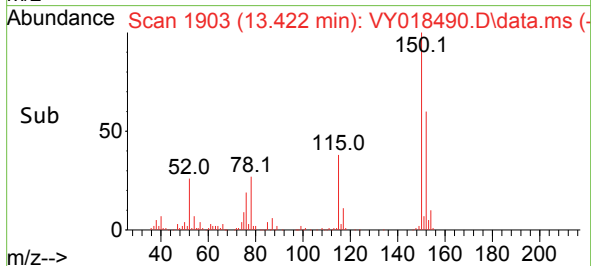
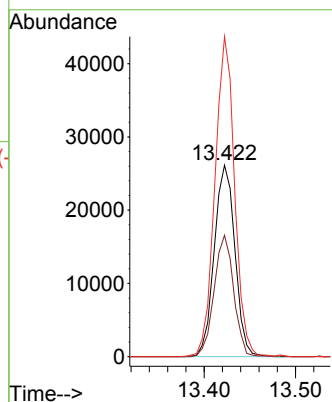
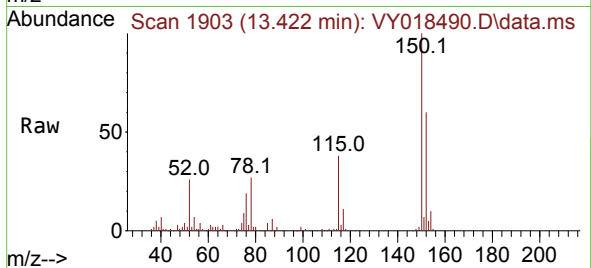
Tgt Ion:152 Resp: 41015

Ion Ratio Lower Upper

152 100

115 60.4 28.2 84.7

150 159.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 80.591 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018490.D

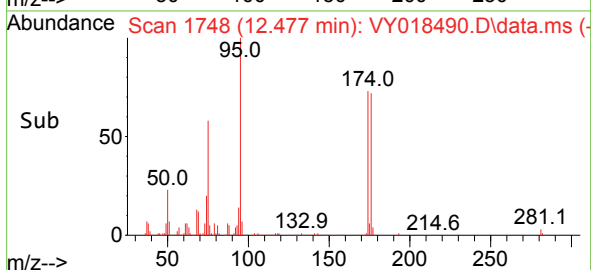
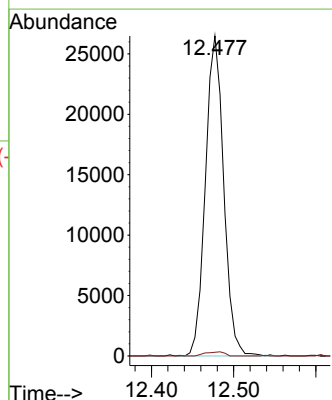
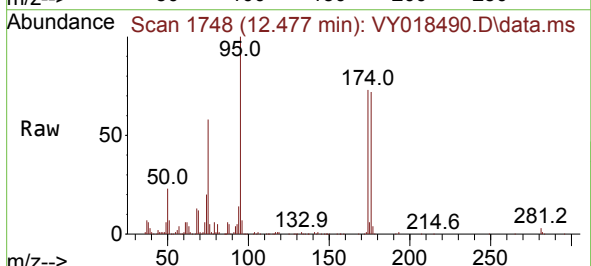
Acq: 05 Jun 2024 17:25

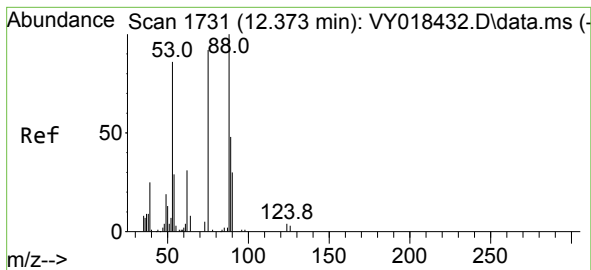
Tgt Ion: 75 Resp: 40988

Ion Ratio Lower Upper

75 100

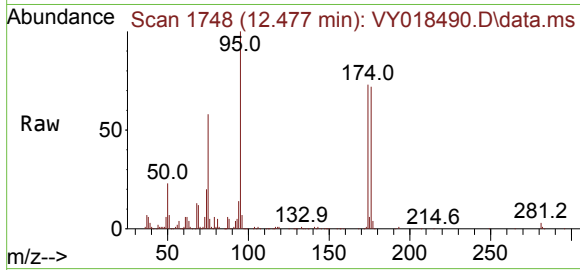
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.317 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018490.D
 Acq: 05 Jun 2024 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.6	66.8	100.2#
89	0.5	35.8	53.6#

