

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018411.D
 Acq On : 30 May 2024 13:53
 Operator : SY/MD
 Sample : P2646-03
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 01:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

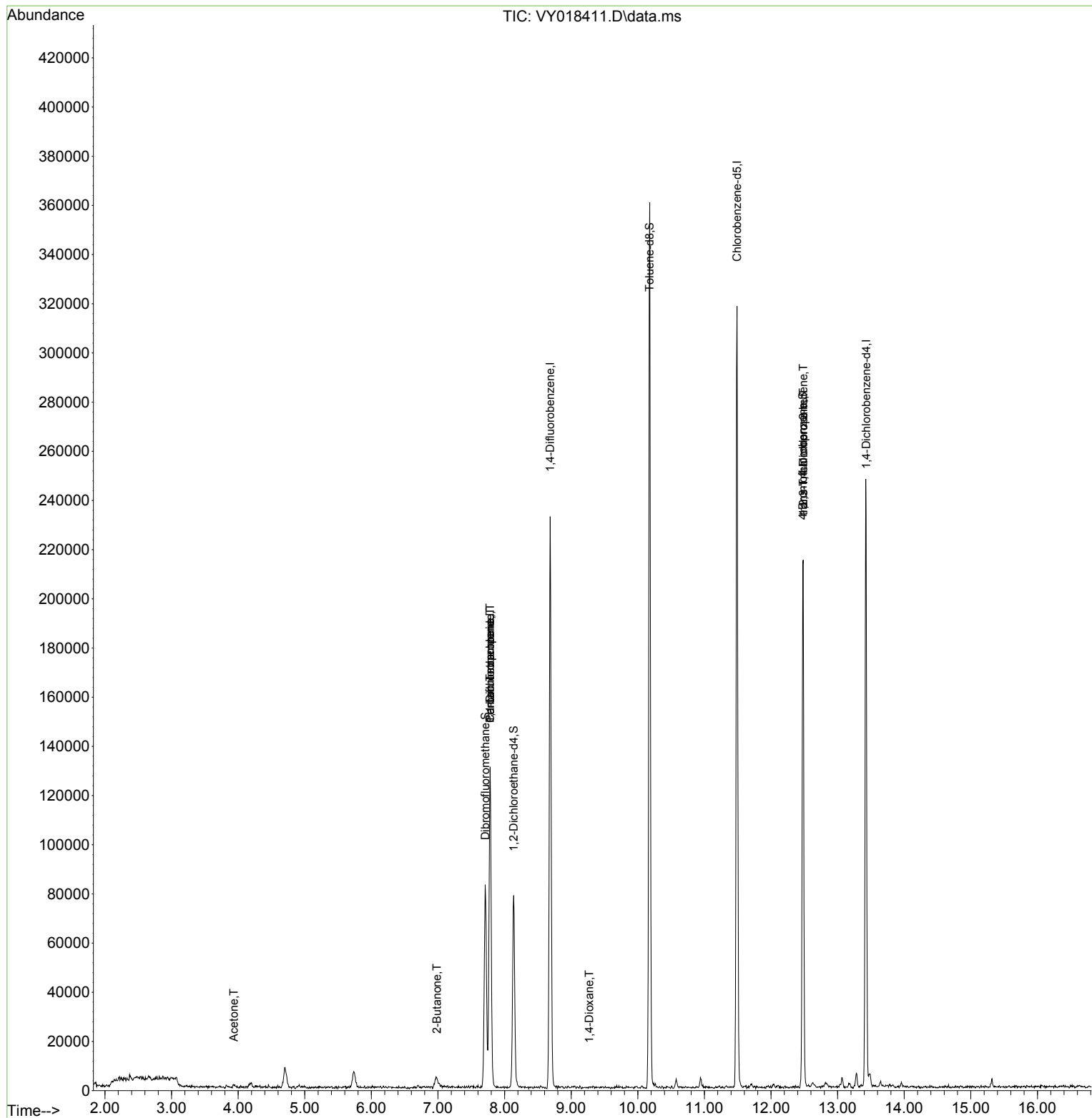
Internal Standards						
1) Pentafluorobenzene	7.783	168	92125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55426	63.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.000%	
35) Dibromofluoromethane	7.710	113	57036	51.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.179	98	226767	52.405	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.820%	
62) 4-Bromofluorobenzene	12.477	95	66634	49.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	346	Below Cal	#	88
13) Acrolein	3.716	56	24	Below Cal	#	1
16) Acetone	3.936	43	1803	10.044	ug/l #	73
25) 2-Butanone	6.984	43	831	2.921	ug/l #	78
31) Cyclohexane	7.783	56	2722	Below Cal	#	55
36) 1,1-Dichloropropene	7.783	75	8659	5.380	ug/l #	47
38) Carbon Tetrachloride	7.783	117	9979	6.053	ug/l #	19
49) 1,4-Dioxane	9.270	88	48	5.713	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	36075	65.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36075	135.741	ug/l #	16

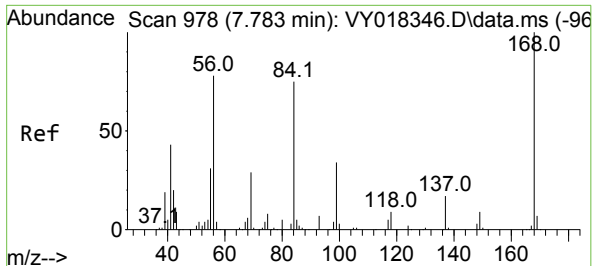
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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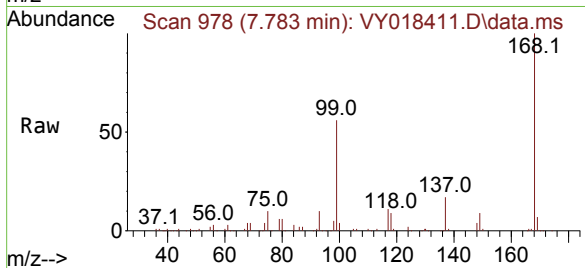
Quant Time: May 31 01:01:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
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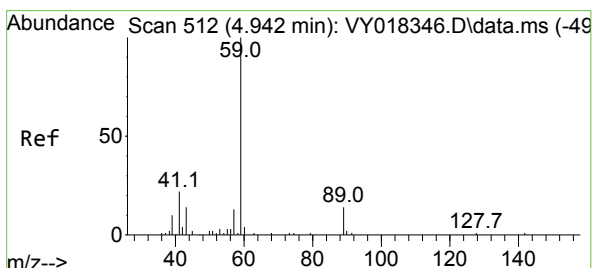
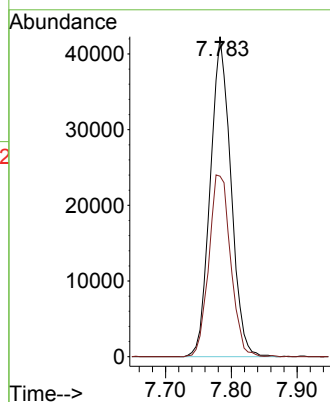
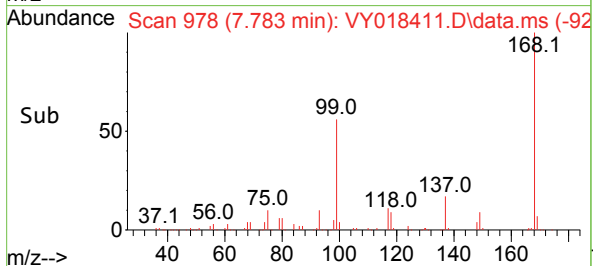


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

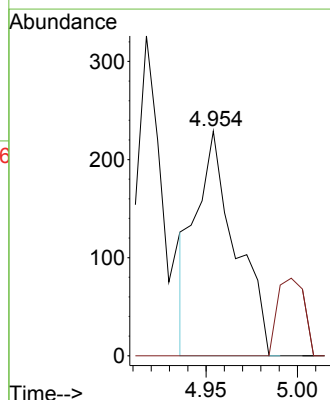
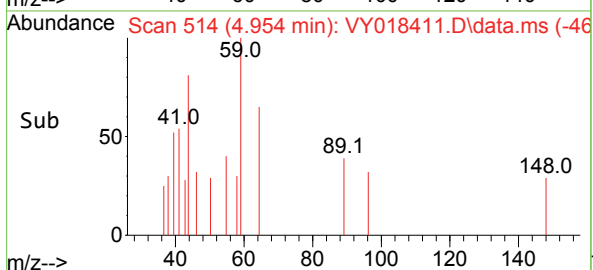
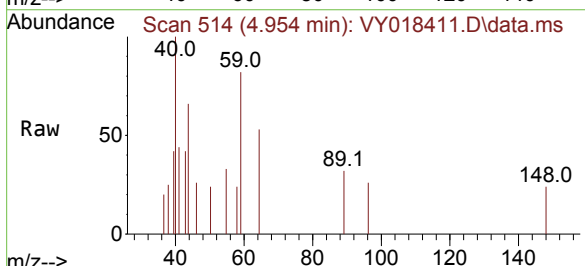


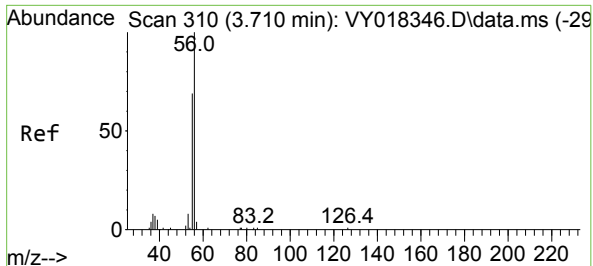
Tgt Ion:168 Resp: 92125
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

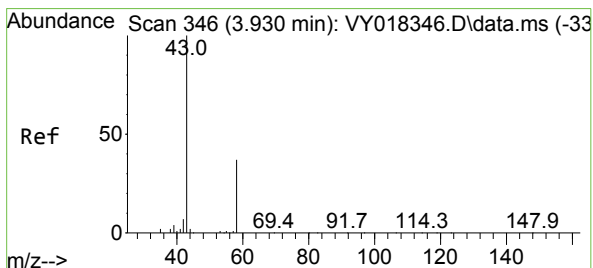
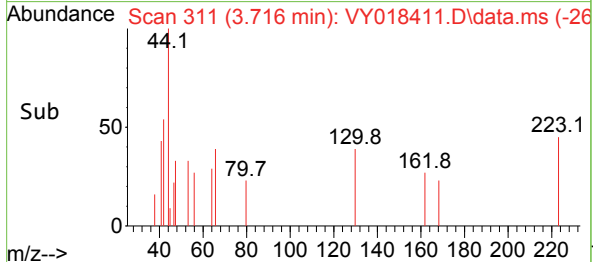
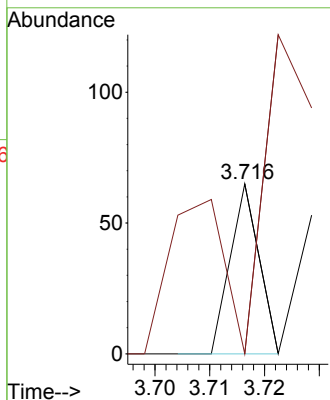
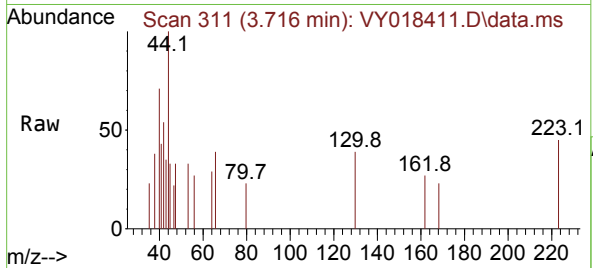




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

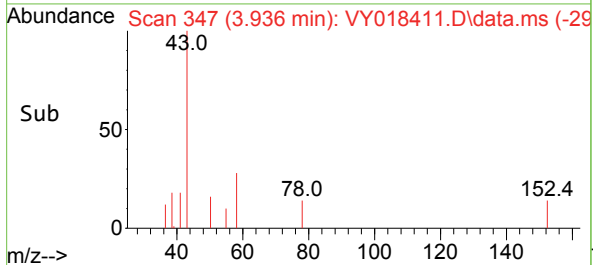
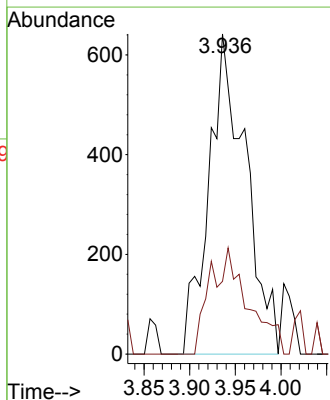
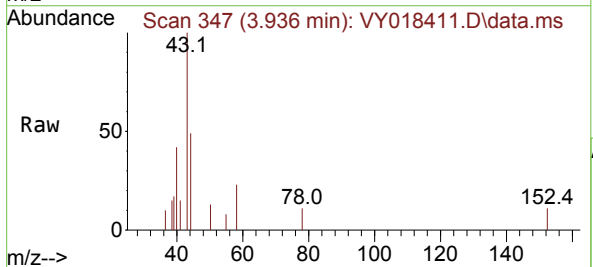
Instrument :
MSVOA_Y
ClientSampleId :

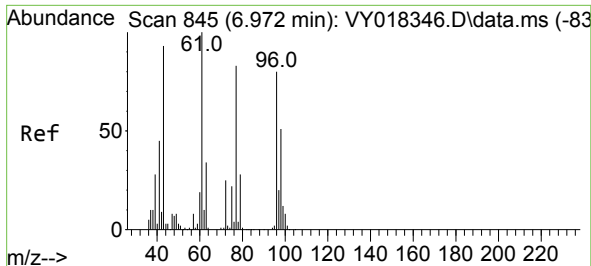
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 737.5 55.7 83.5#



#16
Acetone
Concen: 10.044 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

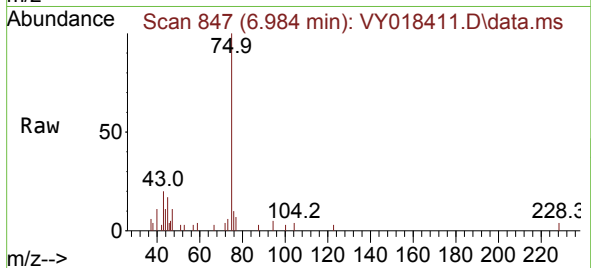
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 22.7 31.7 47.5#



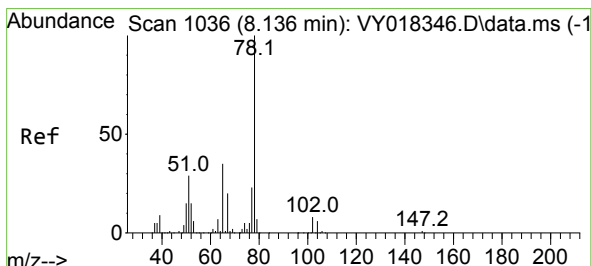
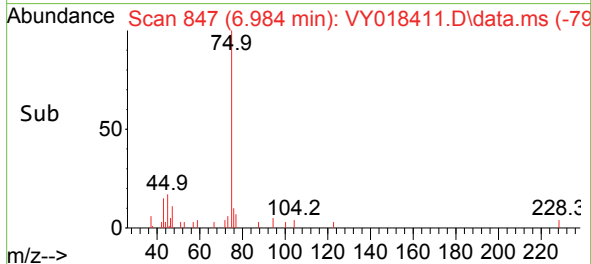
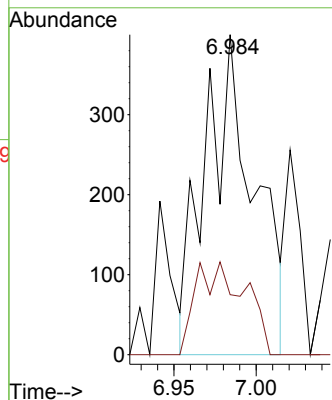


#25
2-Butanone
Concen: 2.921 ug/l
RT: 6.984 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

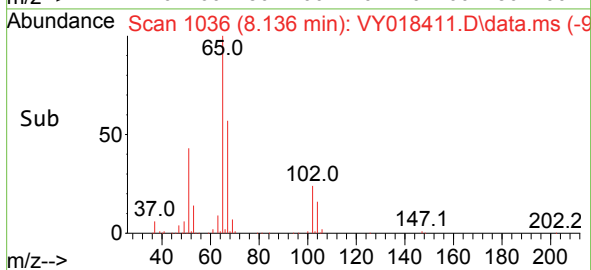
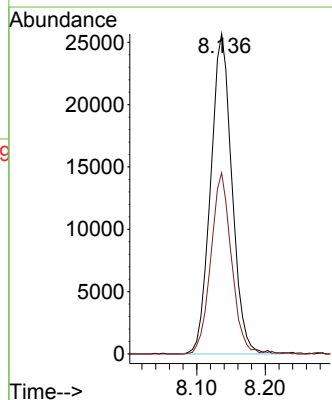
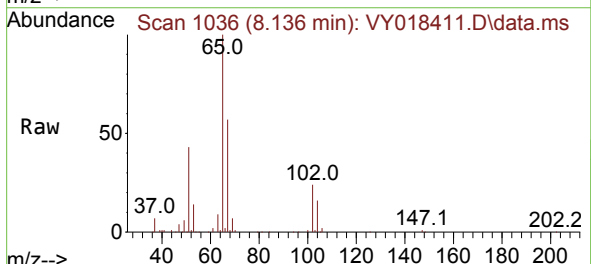


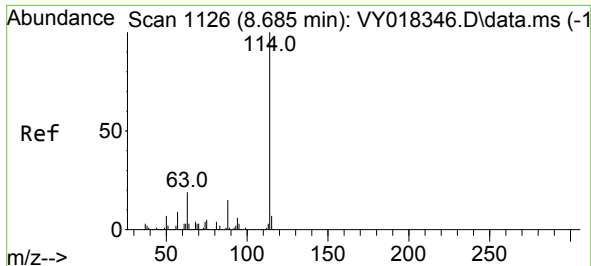
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
72 21.6 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 63.503 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion: 65 Resp: 55426
Ion Ratio Lower Upper
65 100
67 54.6 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

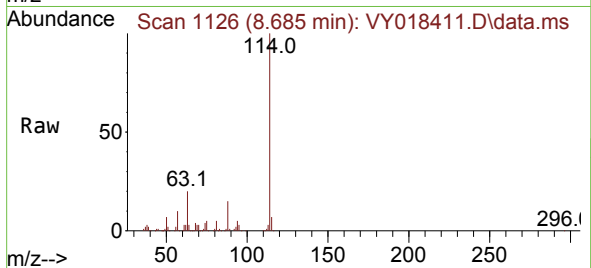
Lab File: VY018411.D

Acq: 30 May 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :



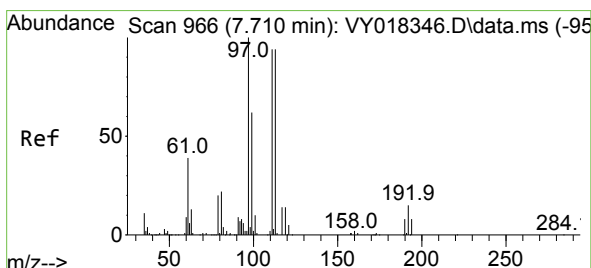
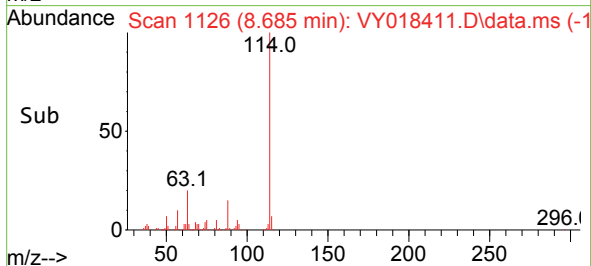
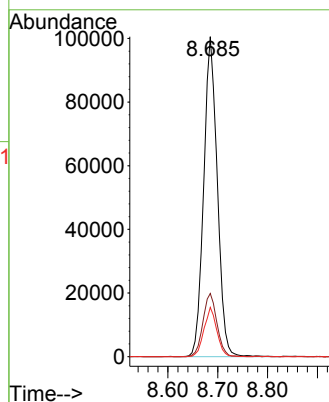
Tgt Ion:114 Resp: 190323

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.390 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

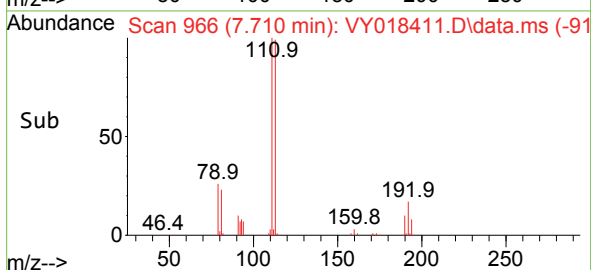
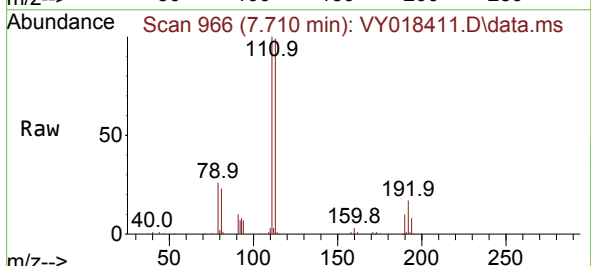
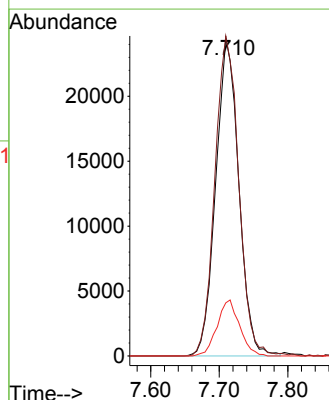
Tgt Ion:113 Resp: 57036

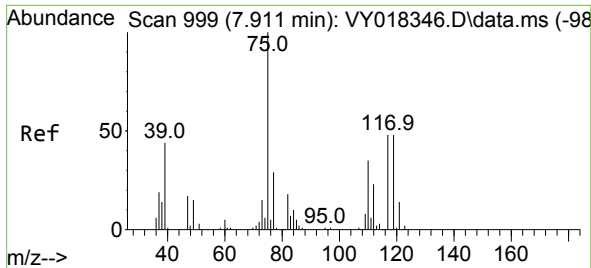
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 17.2 15.9 23.9

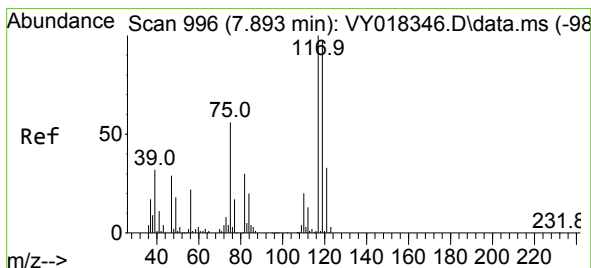
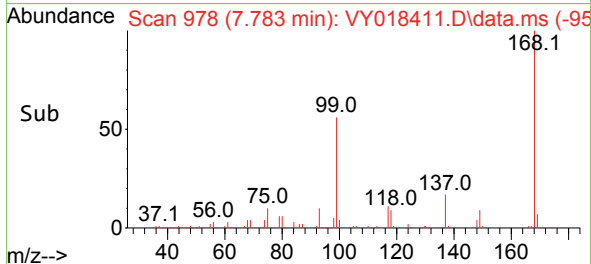
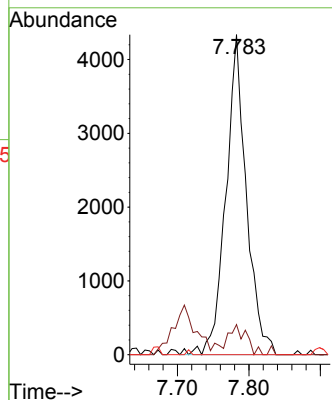
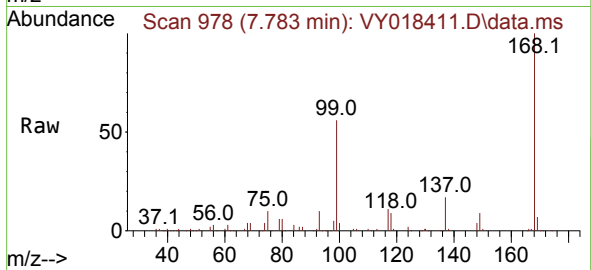




#36
1,1-Dichloropropene
Concen: 5.380 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

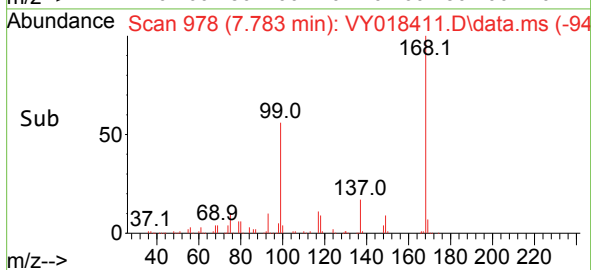
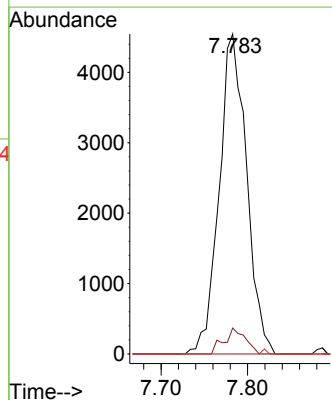
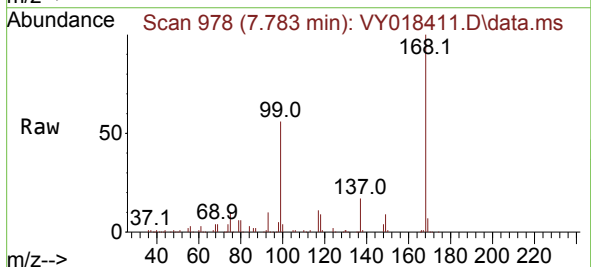
Instrument :
MSVOA_Y
ClientSampleId :

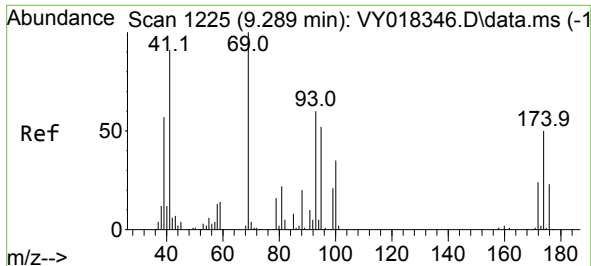
Tgt Ion: 75 Resp: 8659
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion: 117 Resp: 9979
Ion Ratio Lower Upper
117 100
119 8.1 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 5.713 ug/l

RT: 9.270 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY018411.D

Acq: 30 May 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

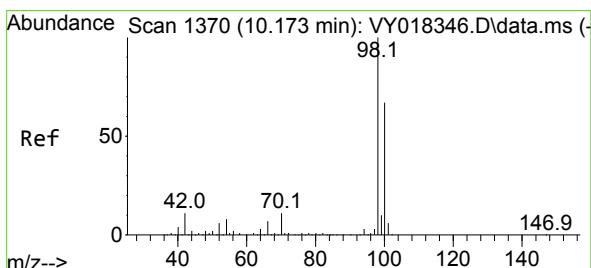
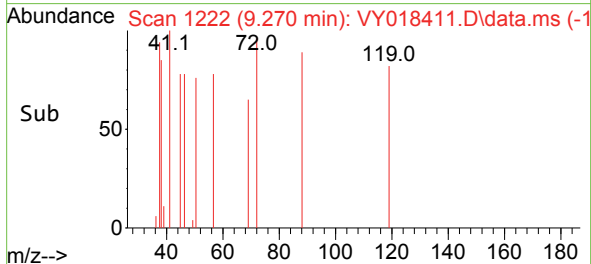
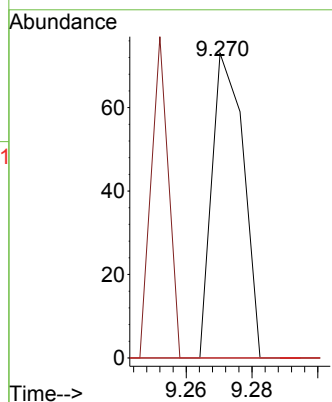
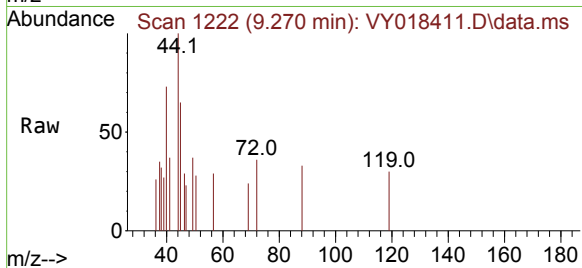
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 58.3 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 52.405 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018411.D

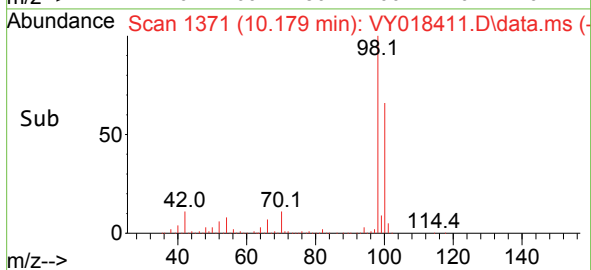
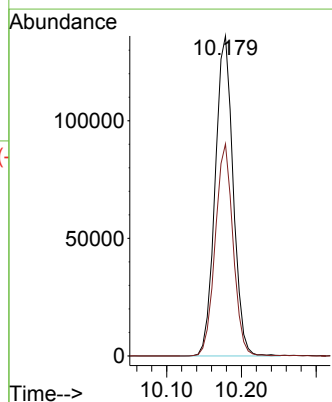
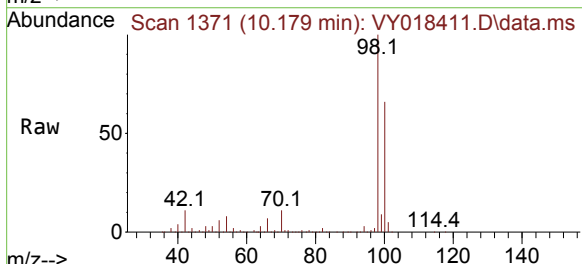
Acq: 30 May 2024 13:53

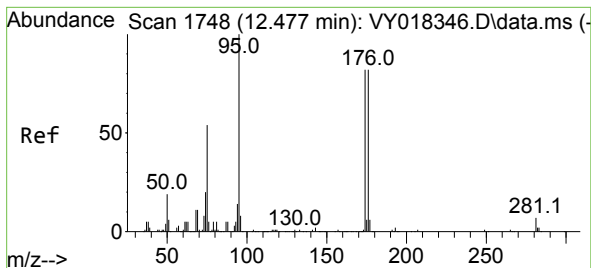
Tgt Ion: 98 Resp: 226767

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

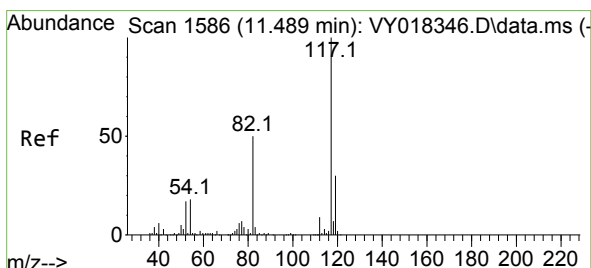
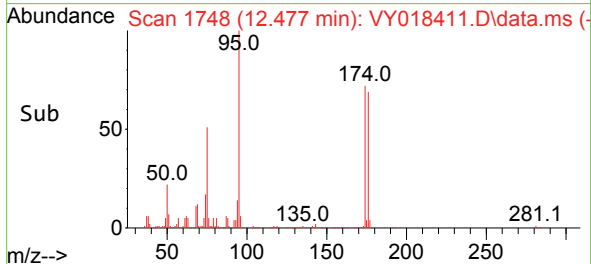
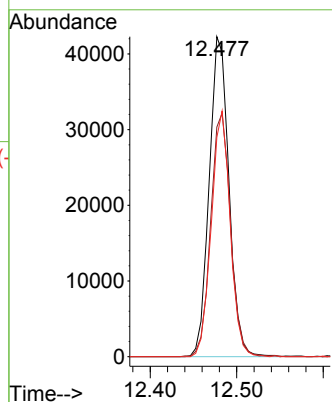
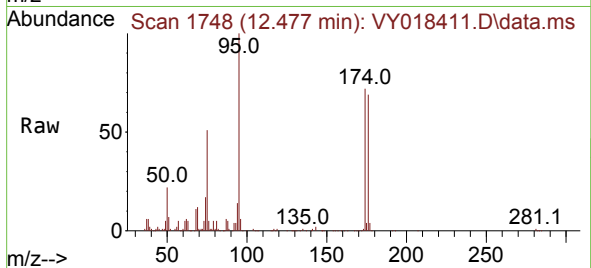




#62
4-Bromofluorobenzene
Concen: 49.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

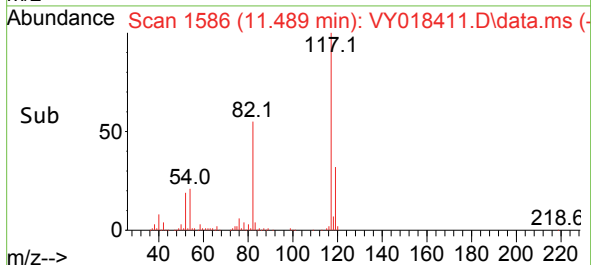
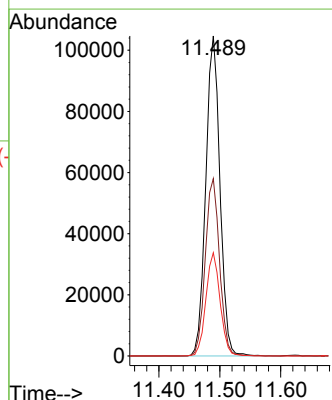
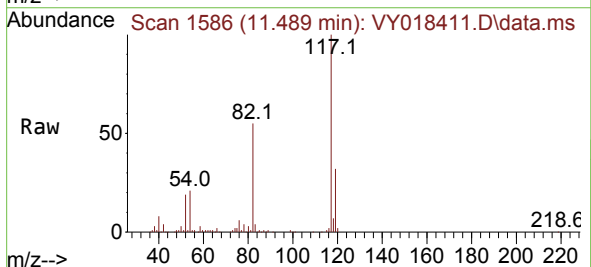
Instrument :
MSVOA_Y
ClientSampleId :

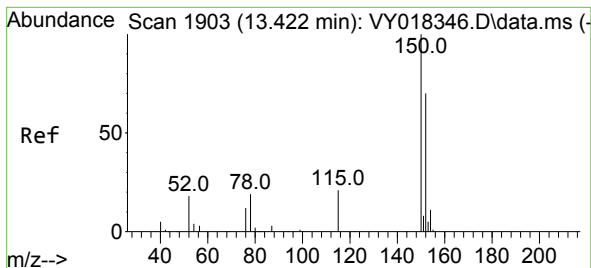
Tgt Ion: 95 Resp: 66634
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 73.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018411.D
Acq: 30 May 2024 13:53

Tgt Ion:117 Resp: 169198
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 32.3 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: VY018411.D

Acq: 30 May 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

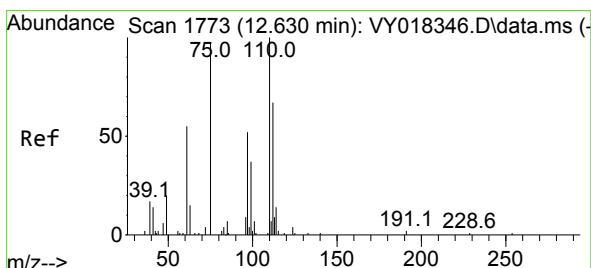
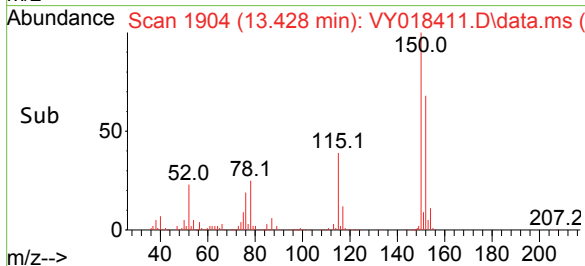
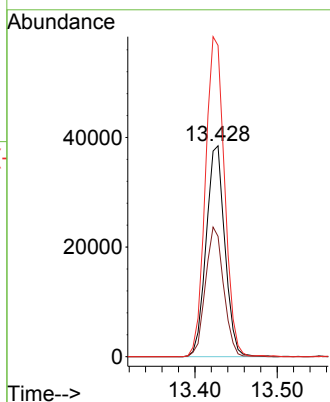
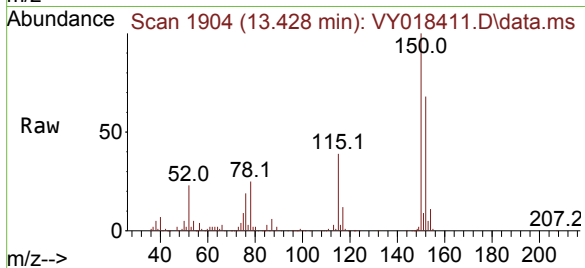
Tgt Ion:152 Resp: 60839

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 154.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.974 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY018411.D

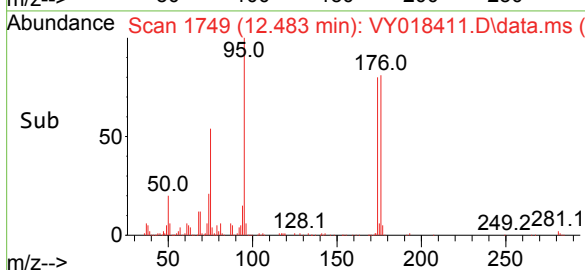
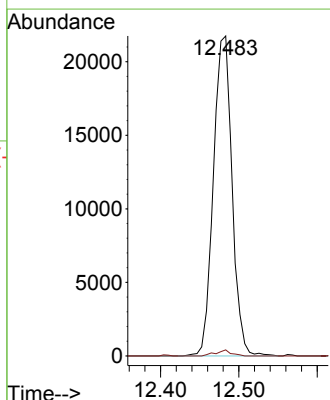
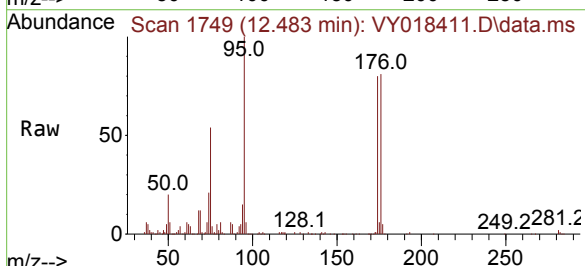
Acq: 30 May 2024 13:53

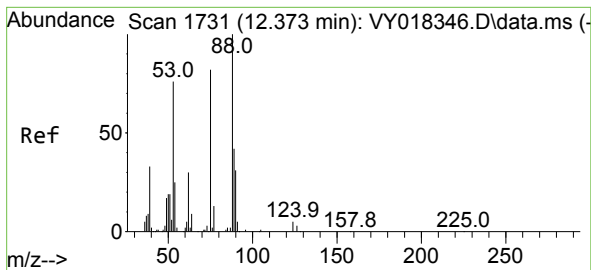
Tgt Ion: 75 Resp: 36075

Ion Ratio Lower Upper

75 100

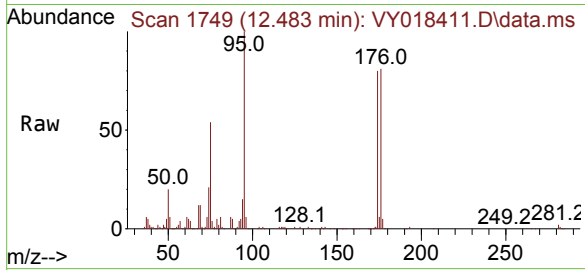
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.741 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018411.D
 Acq: 30 May 2024 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	36075
Ion	Ratio	Lower	Upper
75	100		
53	0.4	66.8	100.2#
89	0.5	35.8	53.6#

