

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018121.D
 Acq On : 02 May 2024 16:53
 Operator : SY/MD
 Sample : P2330-05
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

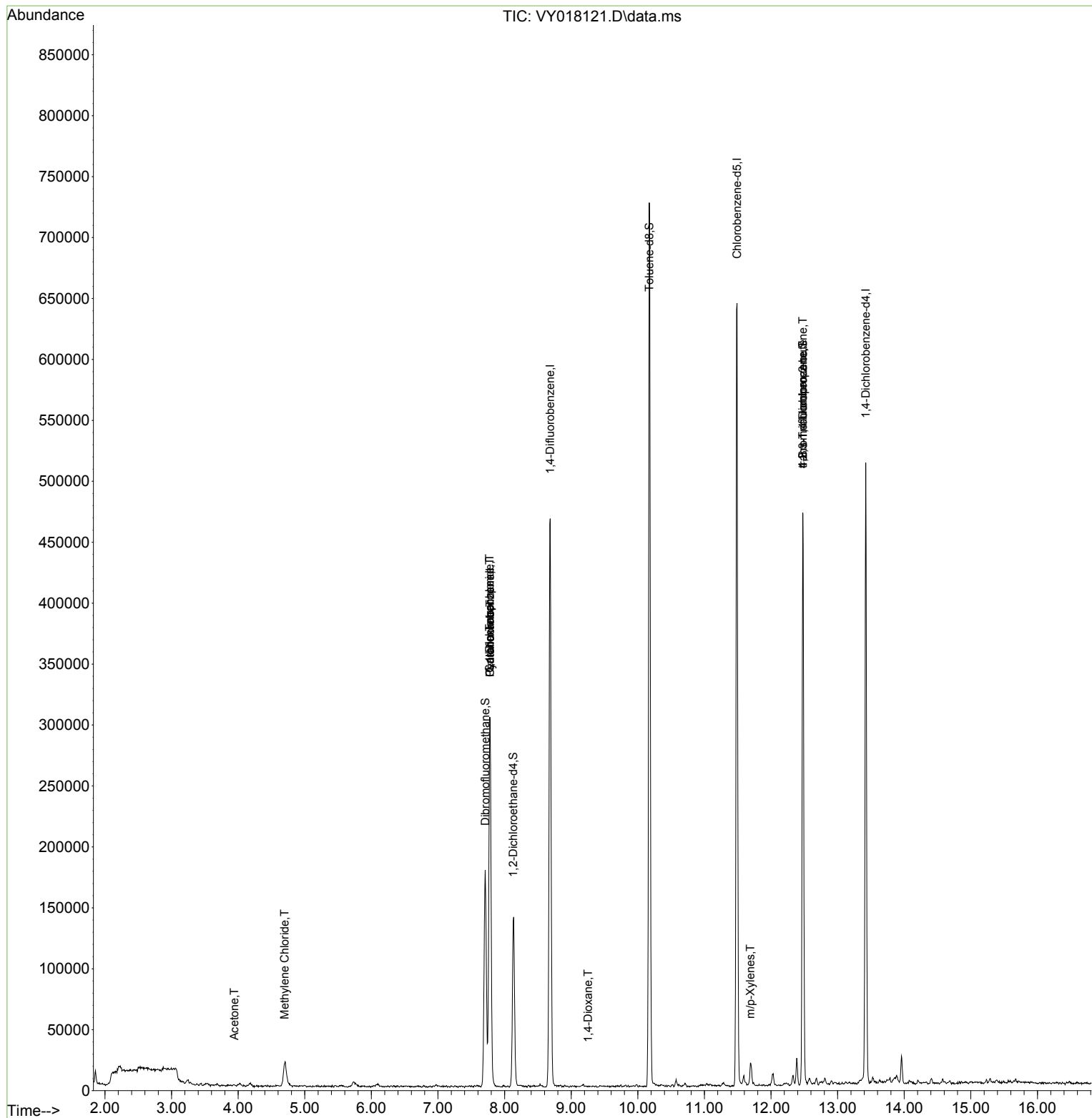
Internal Standards						
1) Pentafluorobenzene	7.783	168	258119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101243	49.761	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.710	113	128352	50.264	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.173	98	492755	49.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	143953	41.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.920%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	574	1.481	ug/l	90
20) Methylene Chloride	4.698	84	16603	6.113	ug/l	98
31) Cyclohexane	7.783	56	5279	1.354	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	16973	4.979	ug/l #	49
38) Carbon Tetrachloride	7.777	117	22698	5.867	ug/l #	16
49) 1,4-Dioxane	9.252	88	19	1.179	ug/l #	1
68) m/p-Xylenes	11.691	106	6352	1.190	ug/l	90
76) 1,2,3-Trichloropropane	12.477	75	69836	59.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69836	109.258	ug/l #	16

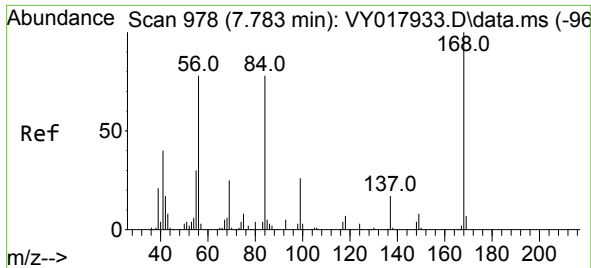
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 23:06:29 2024
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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

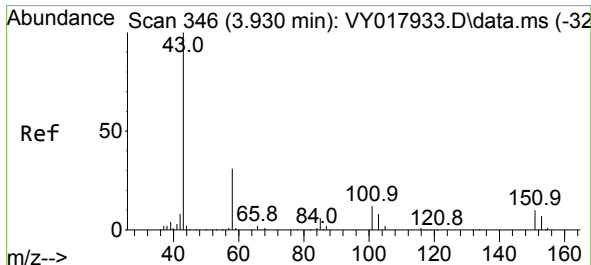
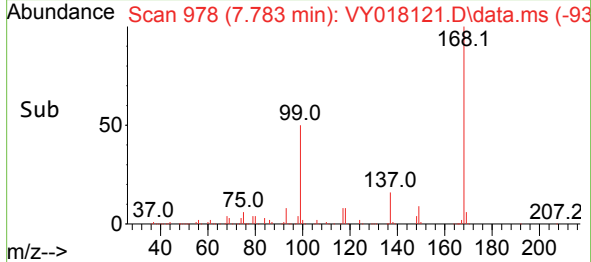
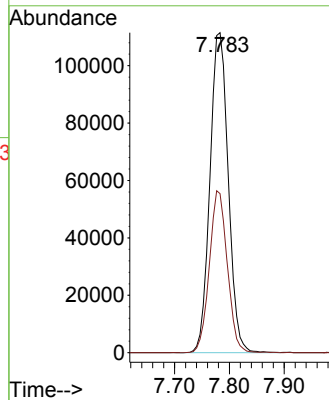
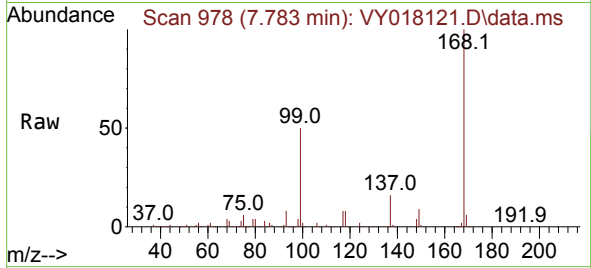




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

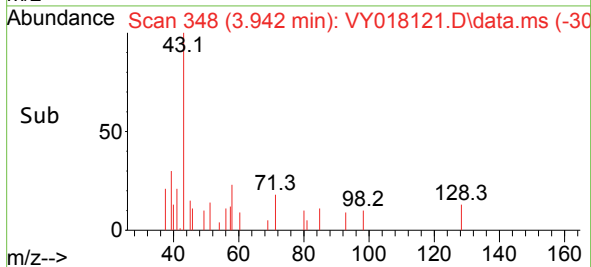
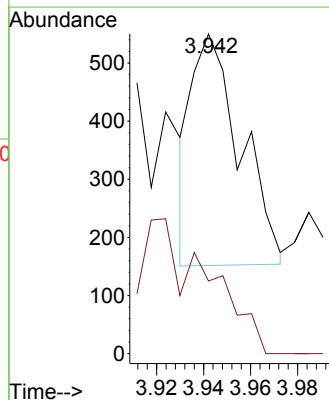
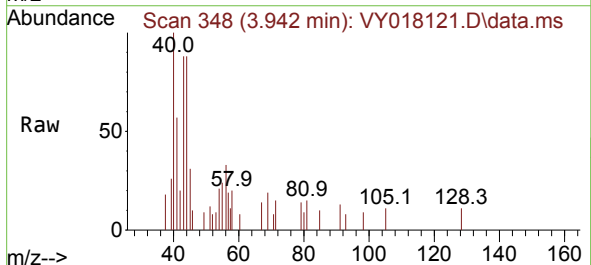
Instrument :
MSVOA_Y
ClientSampleId :

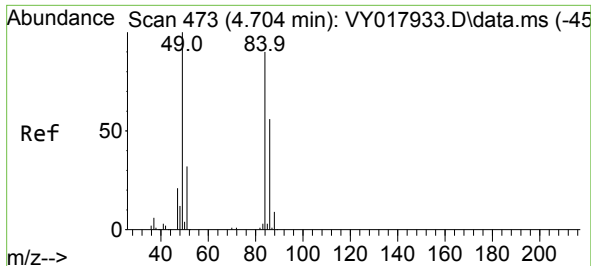
Tgt Ion:168 Resp: 258119
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 1.481 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

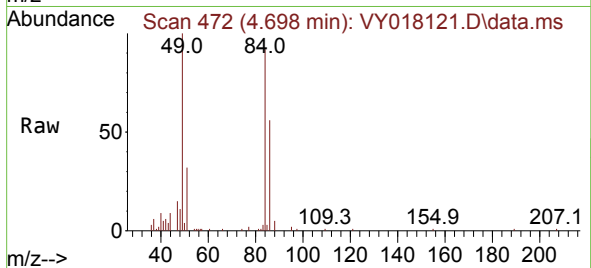
Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 33.2 31.7 47.5



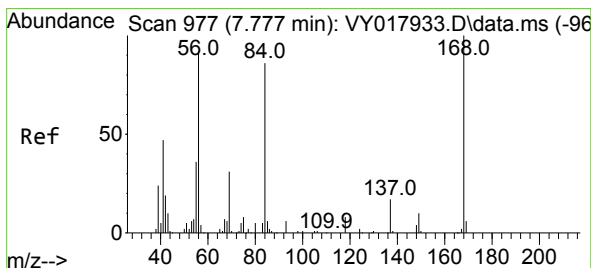
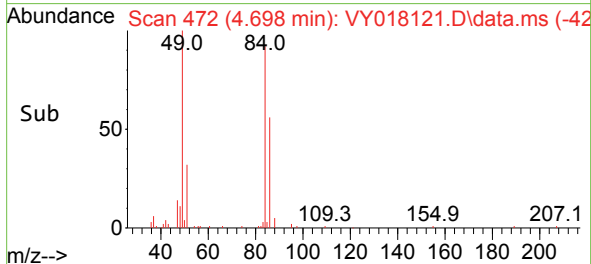
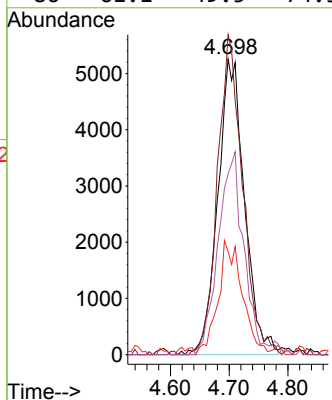


#20
Methylene Chloride
Concen: 6.113 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :

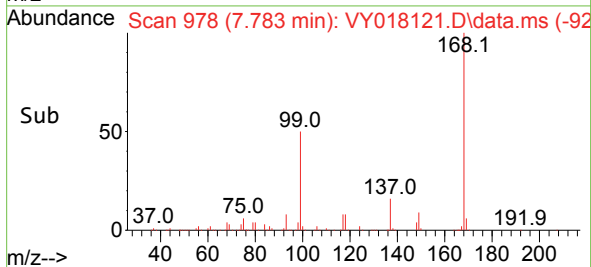
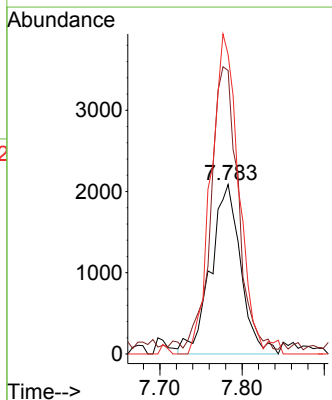
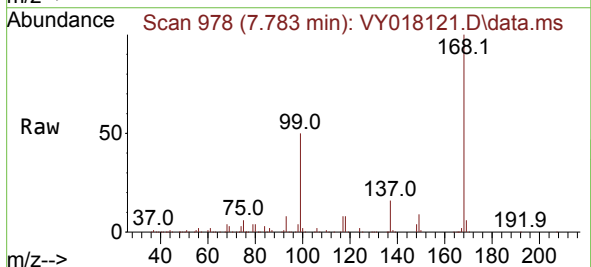


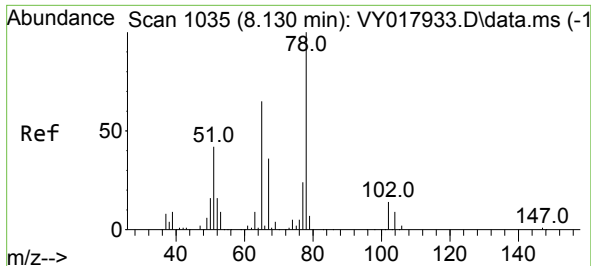
Tgt Ion:	84	Resp:	16603
Ion	Ratio	Lower	Upper
84	100		
49	108.3	84.4	126.6
51	33.3	26.0	39.0
86	61.1	49.5	74.3



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Tgt Ion:	56	Resp:	5279
Ion	Ratio	Lower	Upper
56	100		
69	164.5	28.7	43.1#
84	176.6	77.7	116.5#

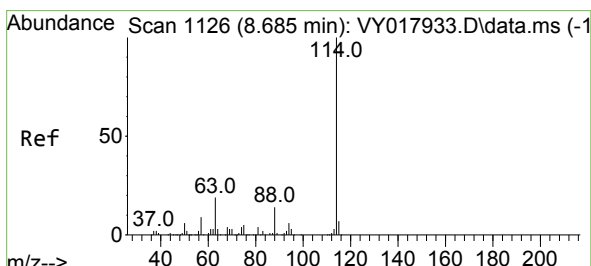
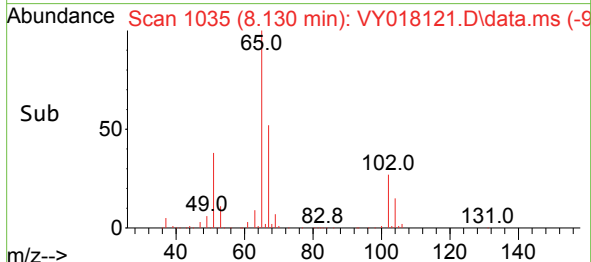
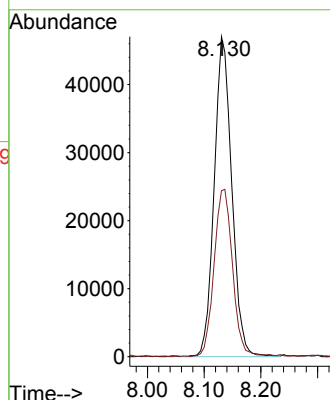
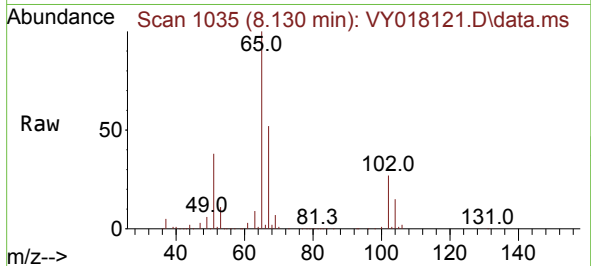




#33
 1,2-Dichloroethane-d4
 Concen: 49.761 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.012 min
 Lab File: VY018121.D
 Acq: 02 May 2024 16:53

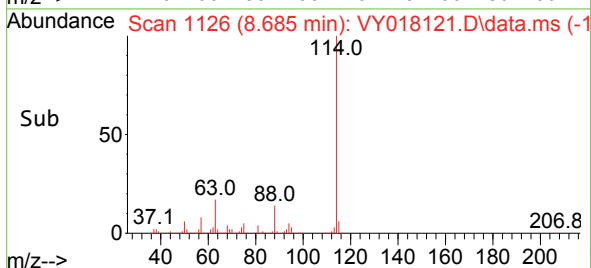
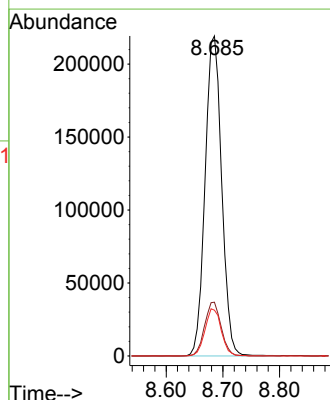
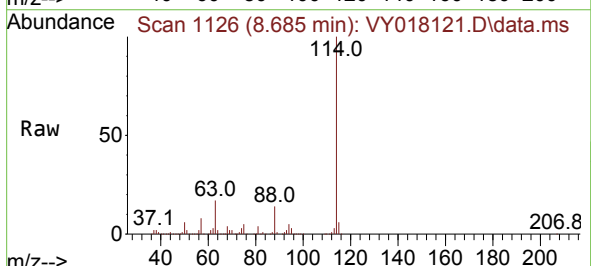
Instrument :
 MSVOA_Y
 ClientSampleId :

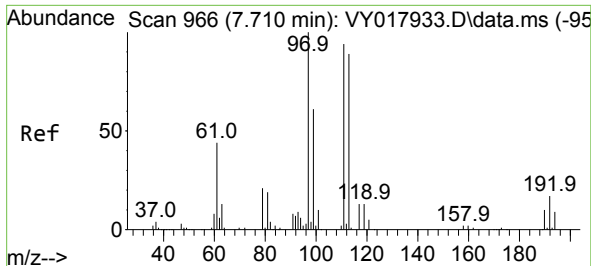
Tgt Ion: 65 Resp: 101243
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018121.D
 Acq: 02 May 2024 16:53

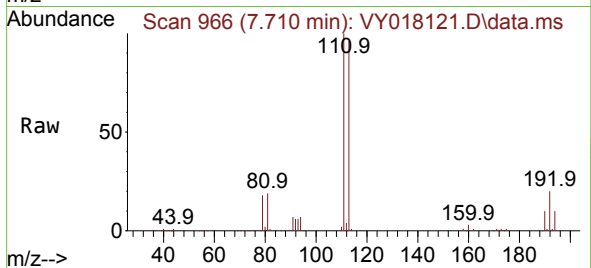
Tgt Ion:114 Resp: 444350
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.3 0.0 27.2



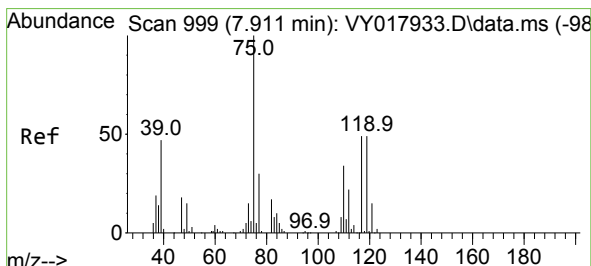
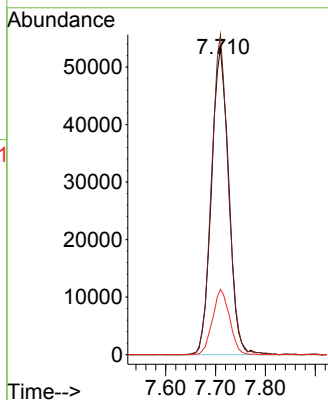
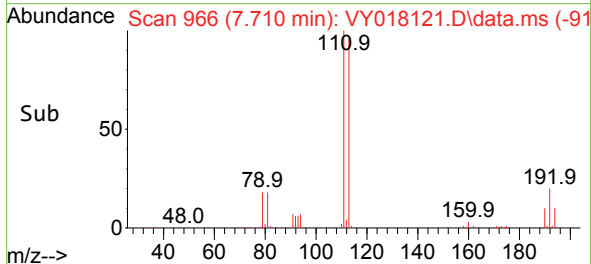


#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

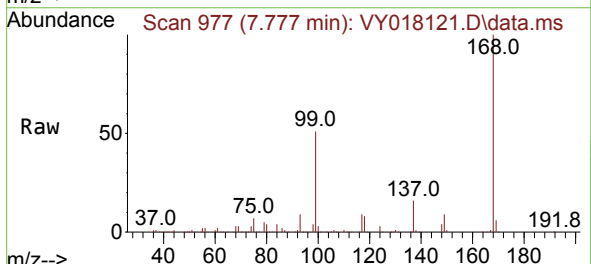
Instrument :
MSVOA_Y
ClientSampleId :



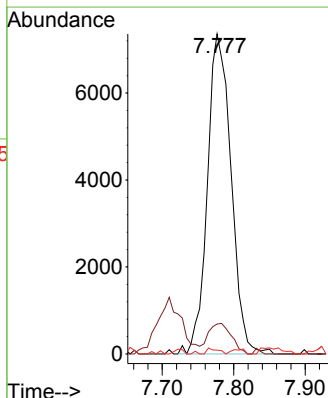
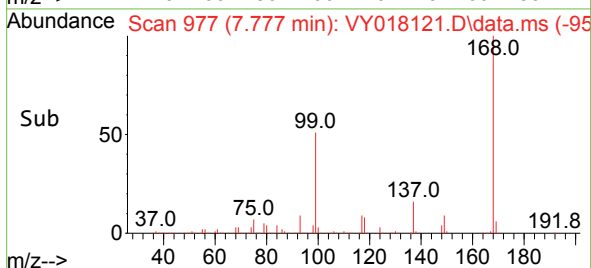
Tgt Ion:113 Resp: 128352
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 21.0 15.9 23.9

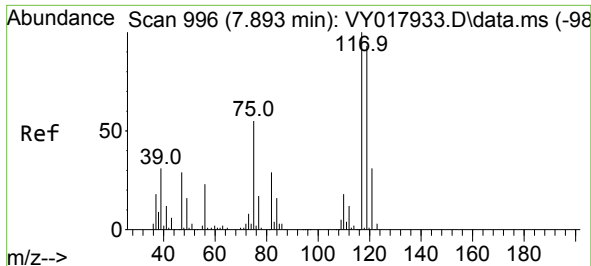


#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53



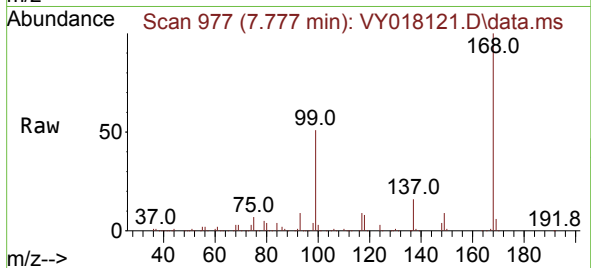
Tgt Ion: 75 Resp: 16973
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.8 25.3 37.9#



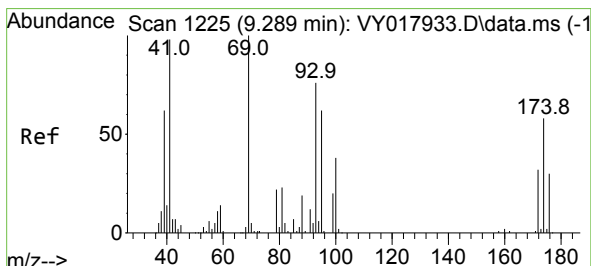
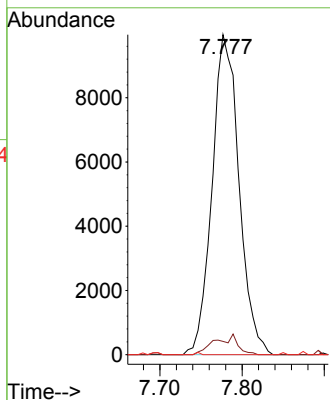
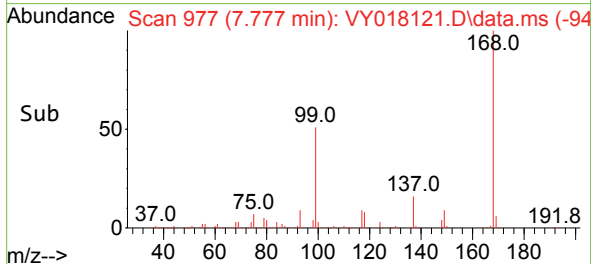


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

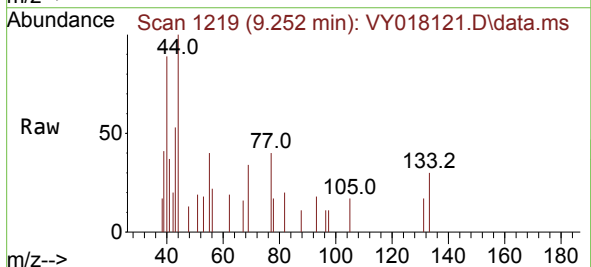
Instrument :
MSVOA_Y
ClientSampleId :



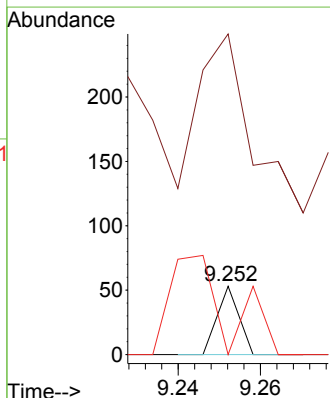
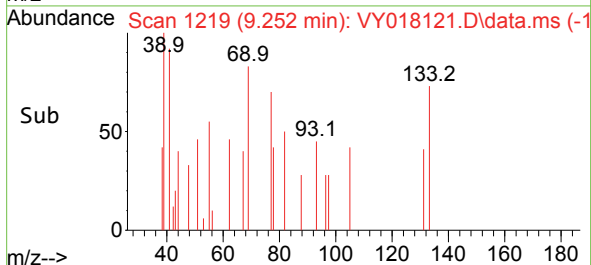
Tgt Ion:117 Resp: 22698
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#

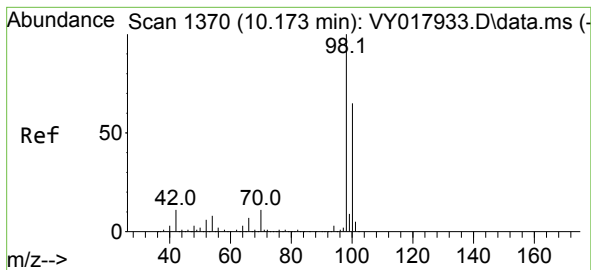


#49
1,4-Dioxane
Concen: 1.179 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. -0.049 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53



Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 700.0 0.0 0.0#
58 394.7 49.3 73.9#

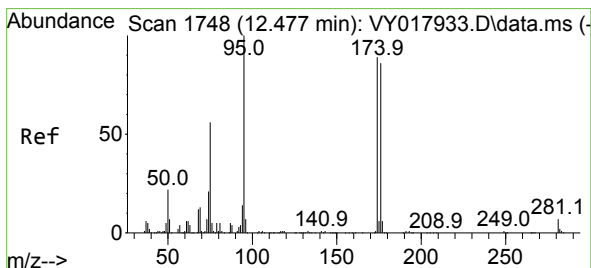
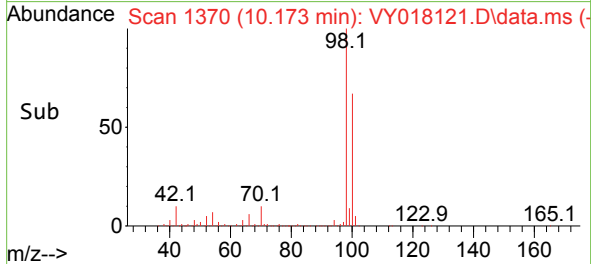
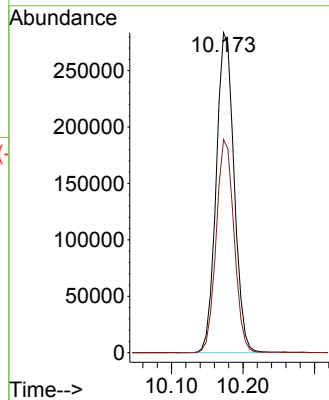
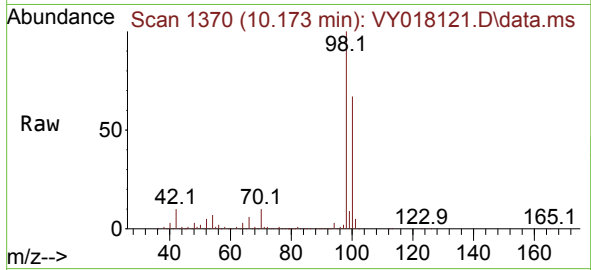




#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

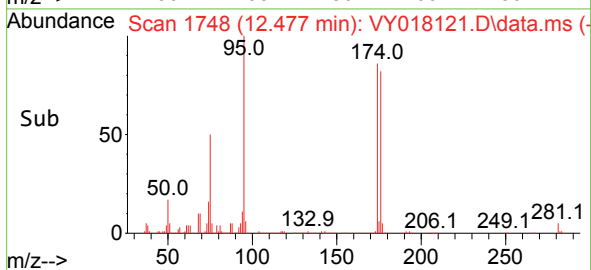
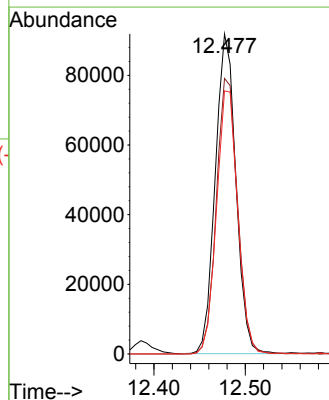
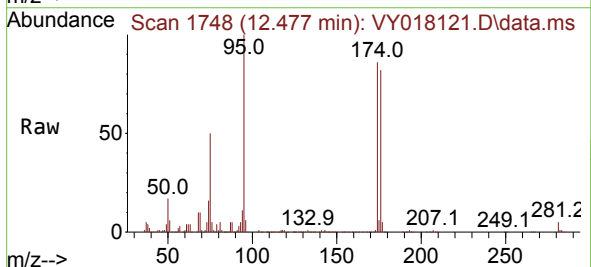
Instrument :
MSVOA_Y
ClientSampleId :

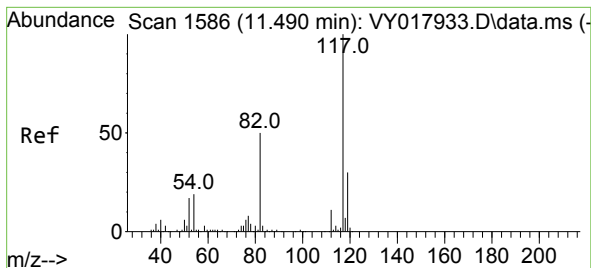
Tgt Ion: 98 Resp: 492755
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.960 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018121.D
Acq: 02 May 2024 16:53

Tgt Ion: 95 Resp: 143953
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.6
176 84.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY018121.D

Acq: 02 May 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

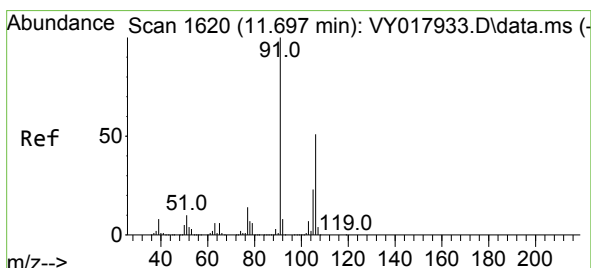
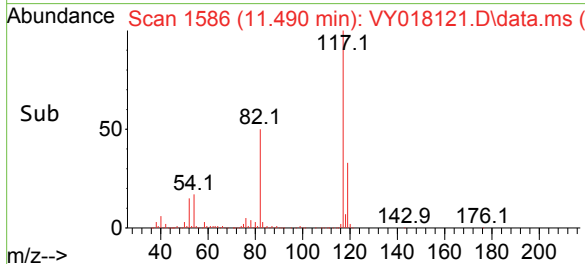
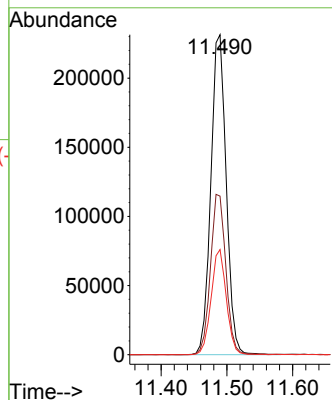
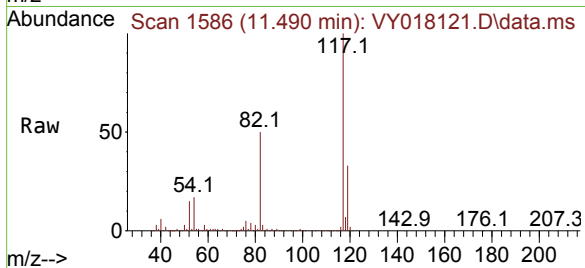
Tgt Ion:117 Resp: 376441

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.8 25.9 38.9



#68

m/p-Xylenes

Concen: 1.190 ug/l

RT: 11.691 min Scan# 1619

Delta R.T. -0.012 min

Lab File: VY018121.D

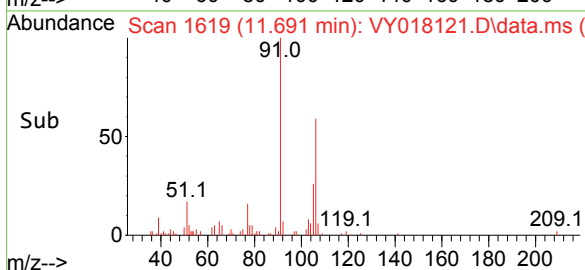
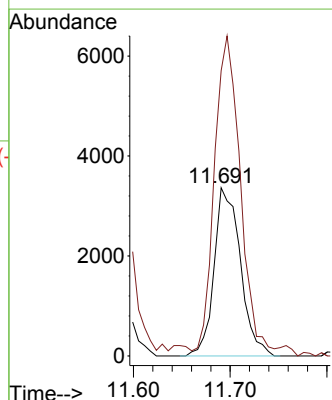
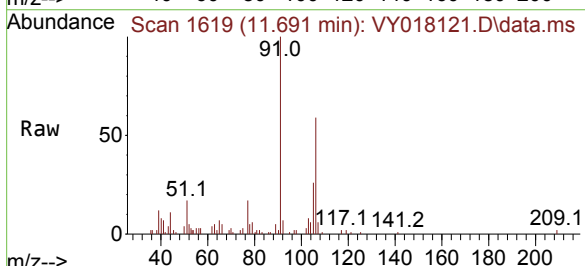
Acq: 02 May 2024 16:53

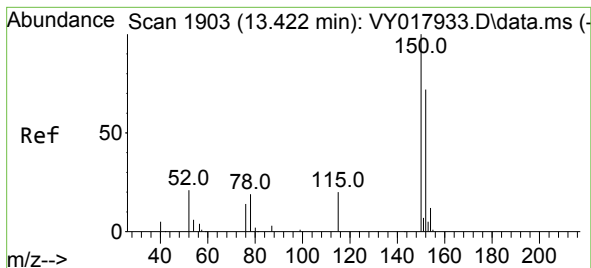
Tgt Ion:106 Resp: 6352

Ion Ratio Lower Upper

106 100

91 180.3 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018121.D

Acq: 02 May 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

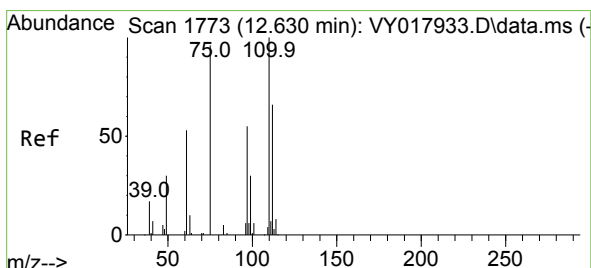
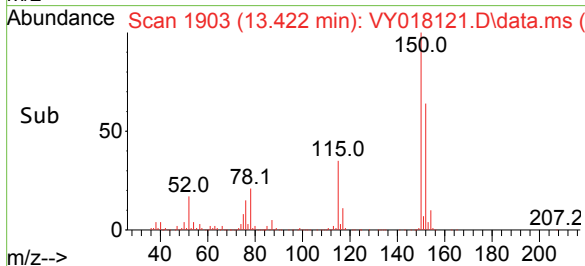
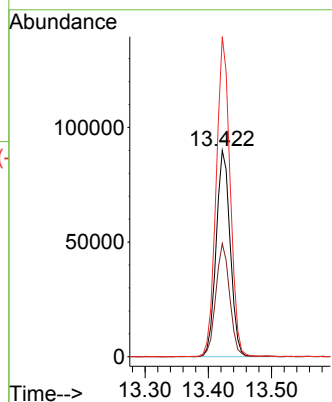
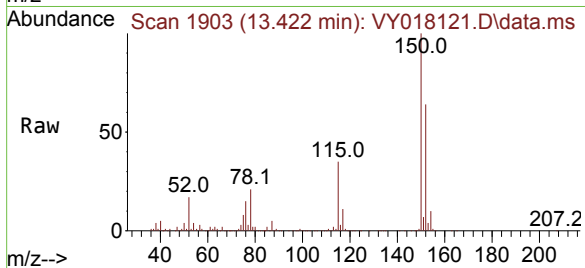
Tgt Ion:152 Resp: 138748

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 153.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.974 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018121.D

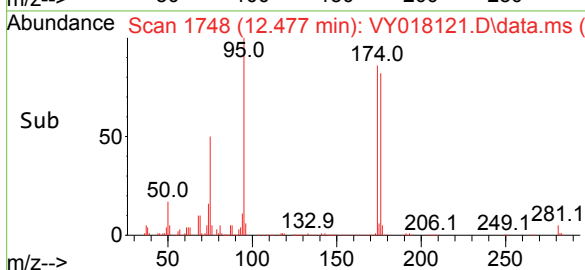
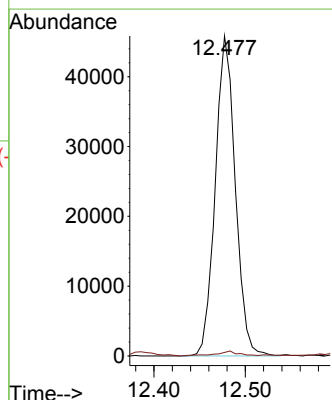
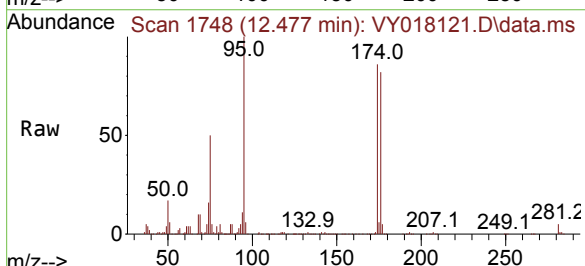
Acq: 02 May 2024 16:53

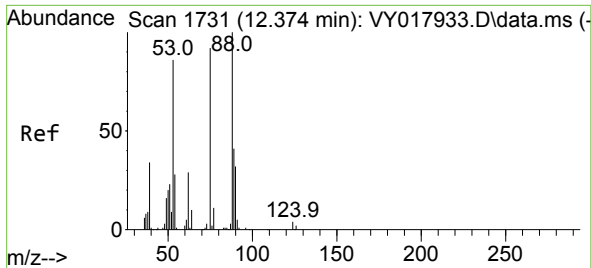
Tgt Ion: 75 Resp: 69836

Ion Ratio Lower Upper

75 100

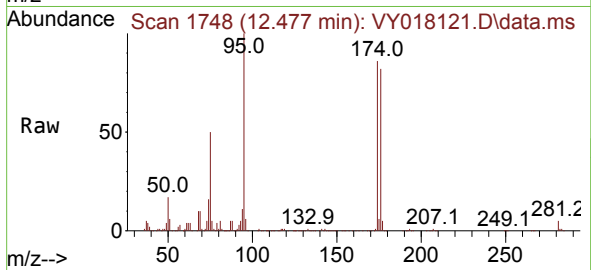
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.258 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018121.D
 Acq: 02 May 2024 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69836
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

