

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018058.D
 Acq On : 26 Apr 2024 13:28
 Operator : SY/MD
 Sample : P2270-03
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

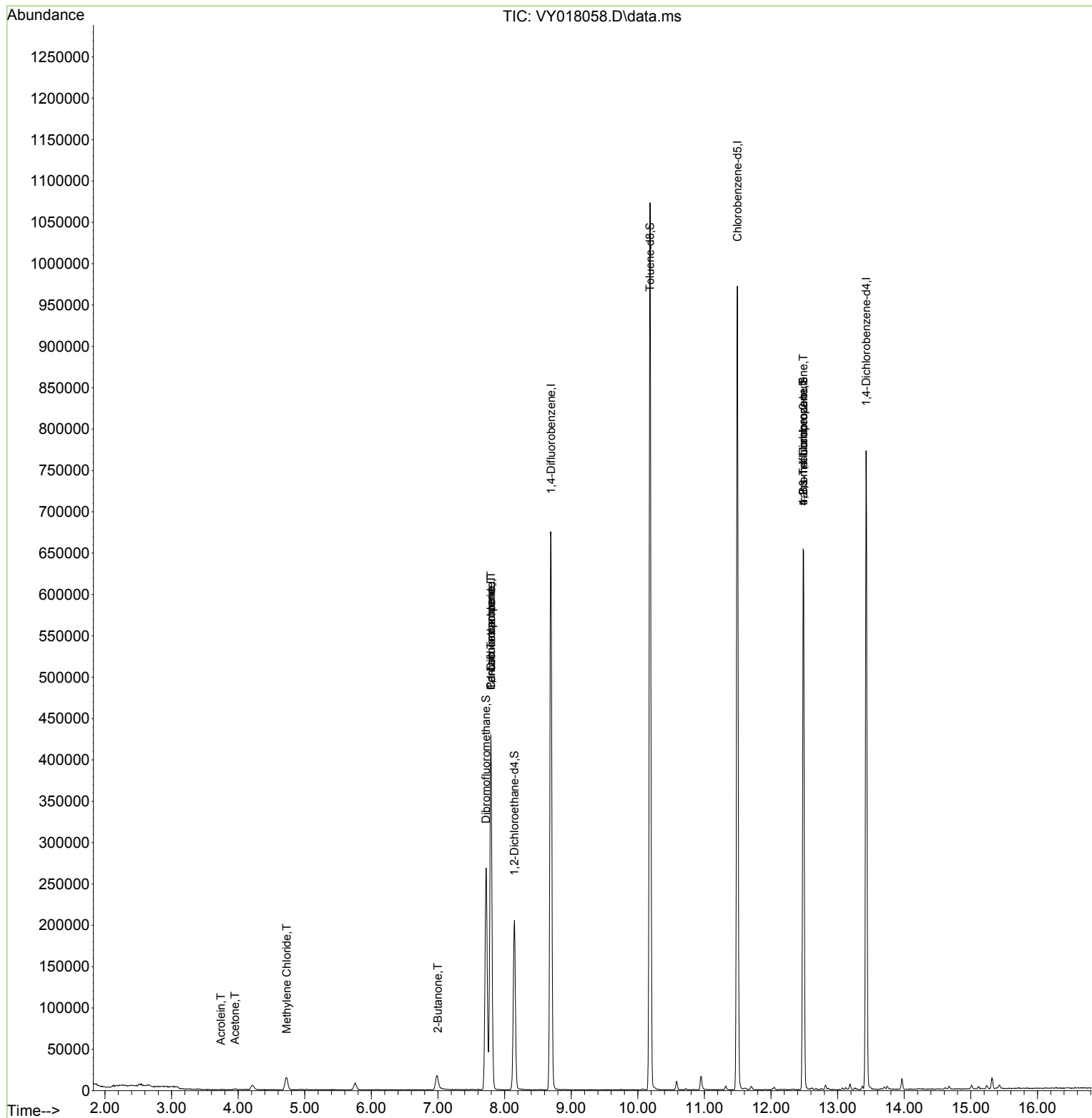
Internal Standards						
1) Pentafluorobenzene	7.795	168	360369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	635177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	566947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155070	49.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.460%
35) Dibromofluoromethane	7.722	113	194663	49.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.185	98	728207	48.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.483	95	202800	44.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	910	Below Cal	#	88
13) Acrolein	3.741	56	246	1.013	ug/l #	39
16) Acetone	3.954	43	1648	2.675	ug/l	90
20) Methylene Chloride	4.729	84	12340	2.956	ug/l	97
25) 2-Butanone	6.996	43	1027	1.134	ug/l #	83
36) 1,1-Dichloropropene	7.795	75	23862	4.187	ug/l #	47
38) Carbon Tetrachloride	7.795	117	30037	5.217	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	96389	47.659	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96389	98.265	ug/l #	16

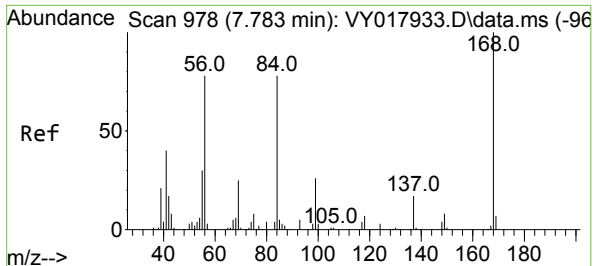
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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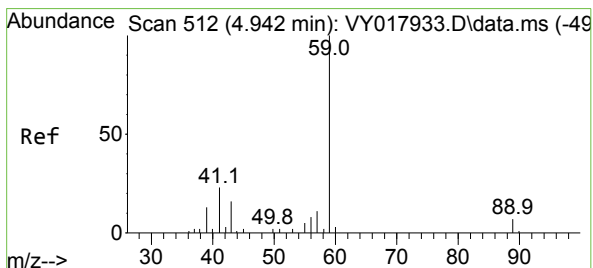
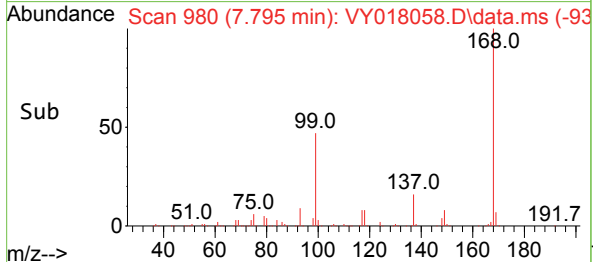
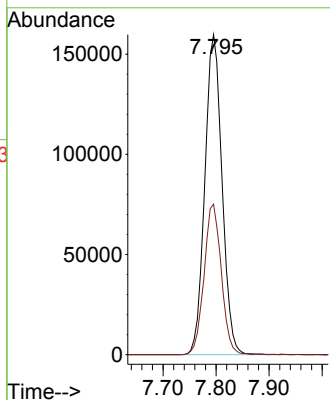
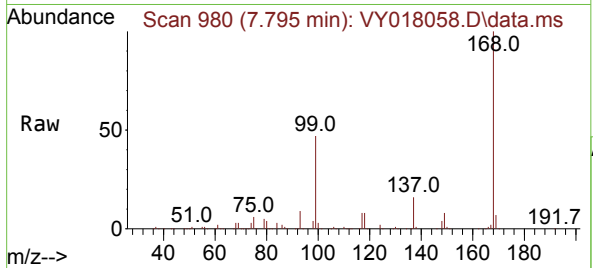




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

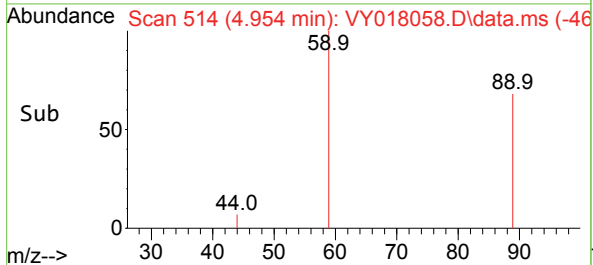
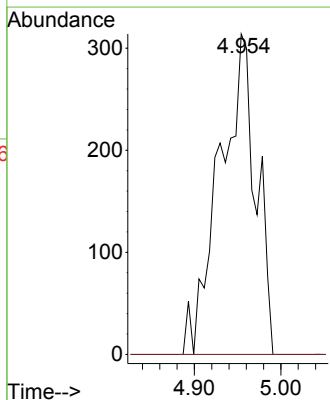
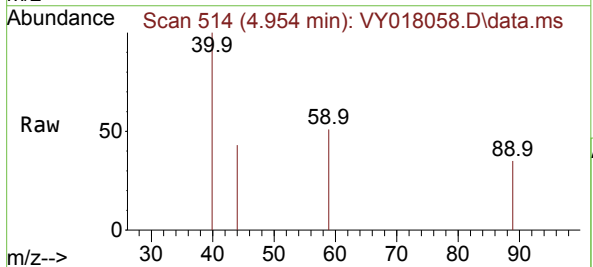
Instrument :
MSVOA_Y
ClientSampleId :

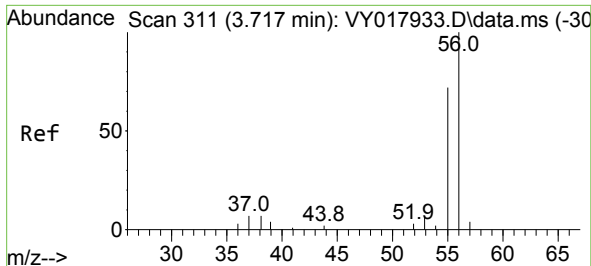
Tgt Ion:168 Resp: 360369
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 1.013 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY018058.D

Acq: 26 Apr 2024 13:28

Instrument :

MSVOA_Y

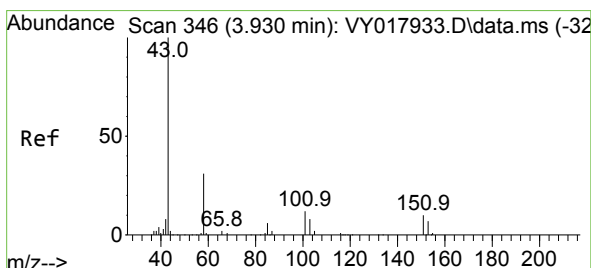
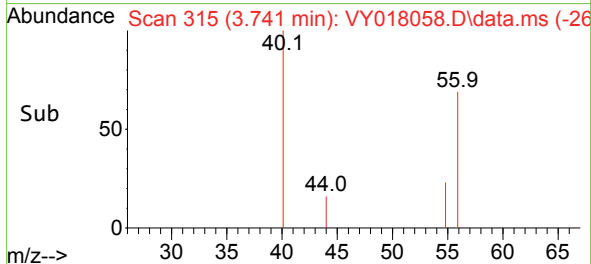
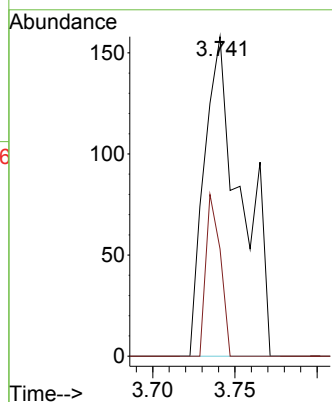
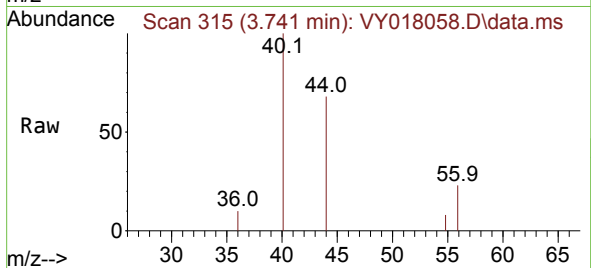
ClientSampleId :

Tgt Ion: 56 Resp: 246

Ion Ratio Lower Upper

56 100

55 19.9 55.7 83.5#



#16

Acetone

Concen: 2.675 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY018058.D

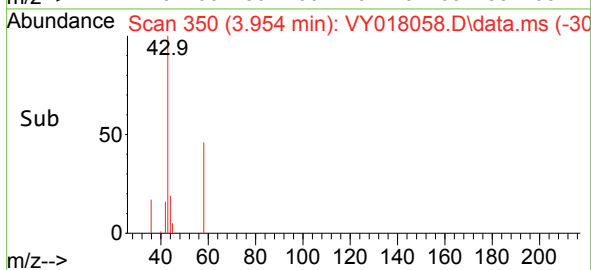
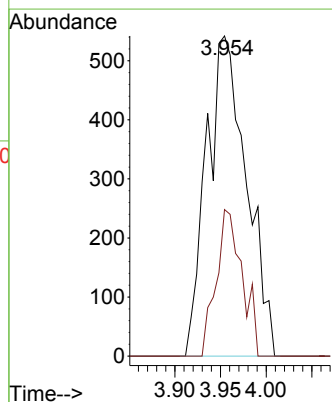
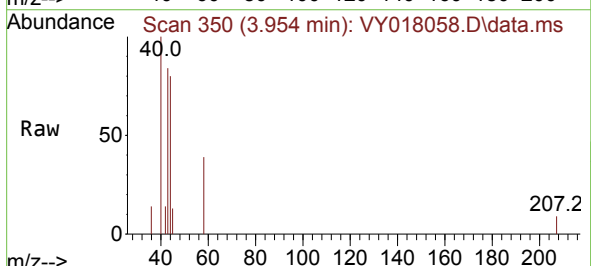
Acq: 26 Apr 2024 13:28

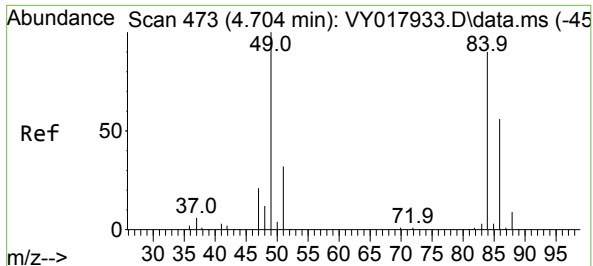
Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

43 100

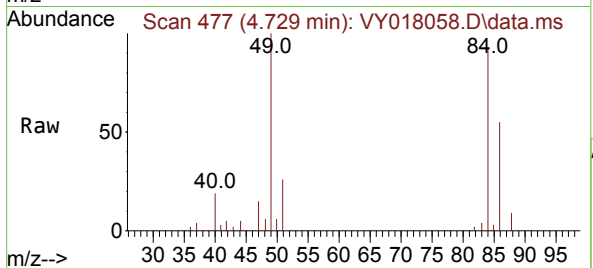
58 45.8 31.7 47.5



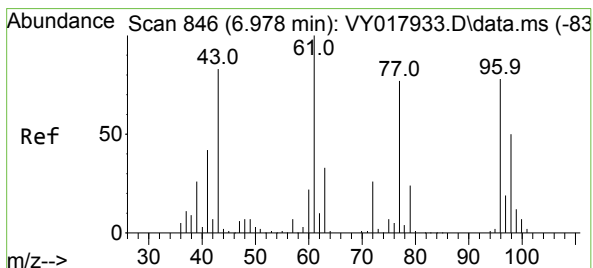
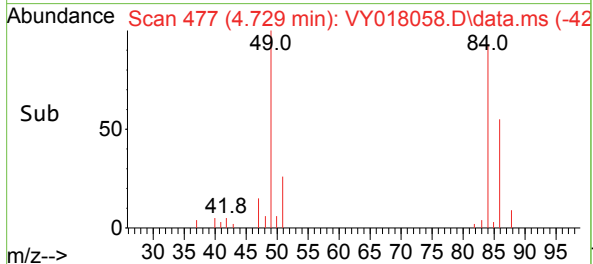
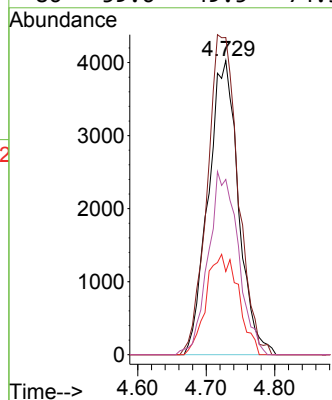


#20
Methylene Chloride
Concen: 2.956 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

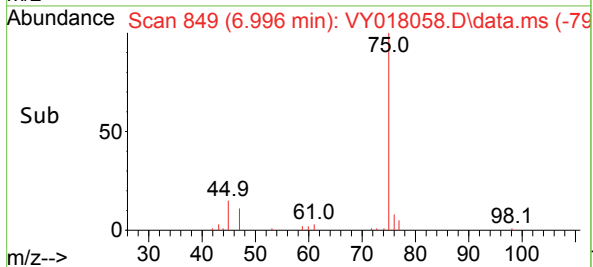
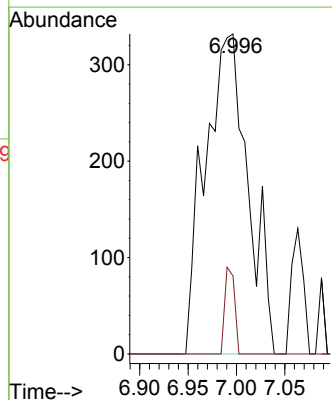
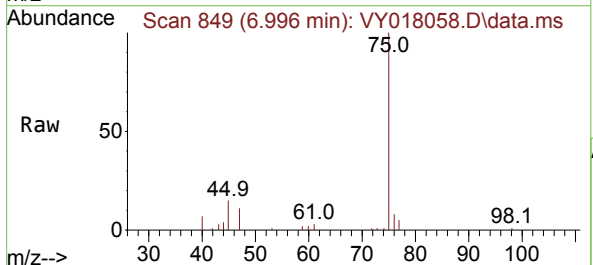


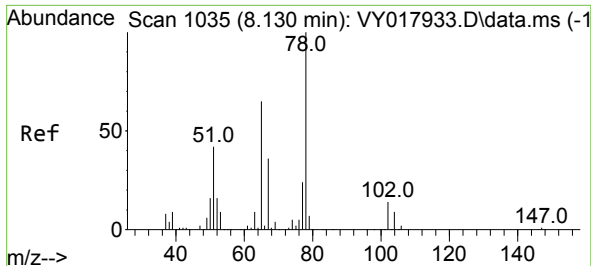
Tgt Ion:	84	Resp:	12340
Ion	Ratio	Lower	Upper
84	100		
49	107.8	84.4	126.6
51	28.3	26.0	39.0
86	59.6	49.5	74.3



#25
2-Butanone
Concen: 1.134 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion:	43	Resp:	1027
Ion	Ratio	Lower	Upper
43	100		
72	24.4	27.3	40.9#

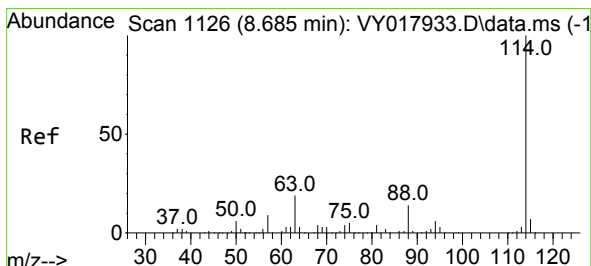
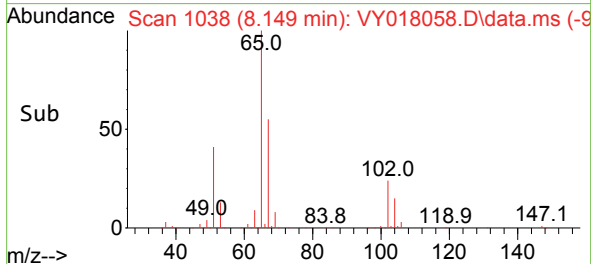
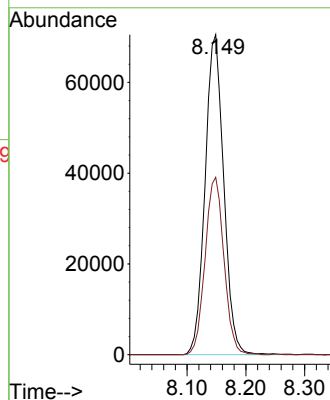
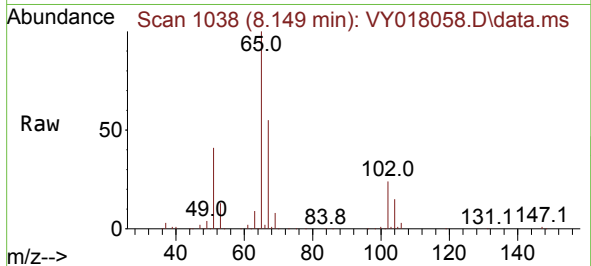




#33
1,2-Dichloroethane-d4
Concen: 49.725 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

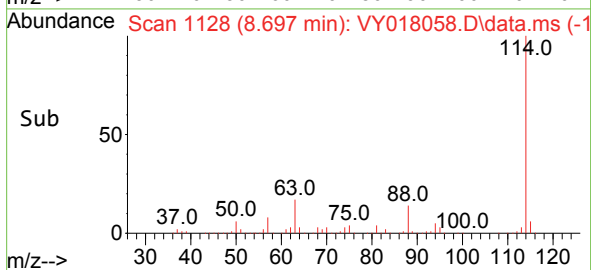
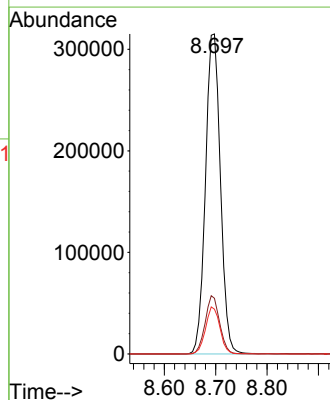
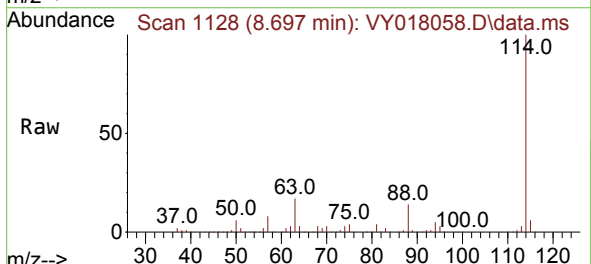
Instrument :
MSVOA_Y
ClientSampleId :

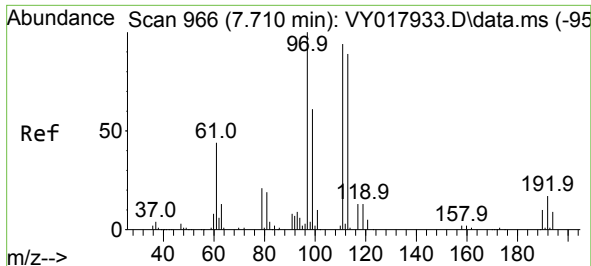
Tgt Ion: 65 Resp: 155070
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

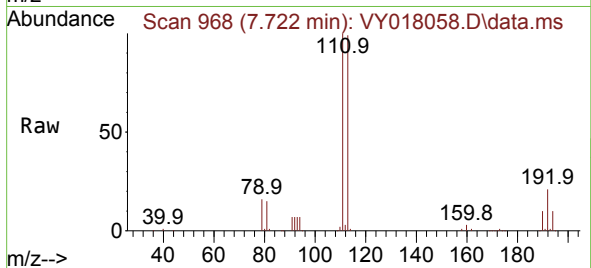
Tgt Ion:114 Resp: 635177
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.0 0.0 27.2



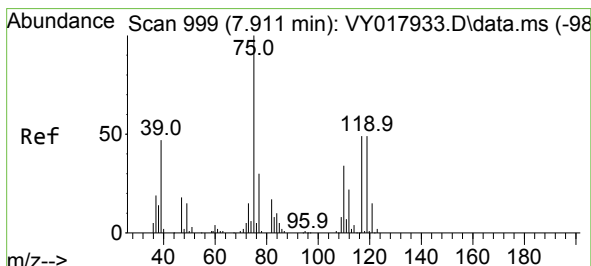
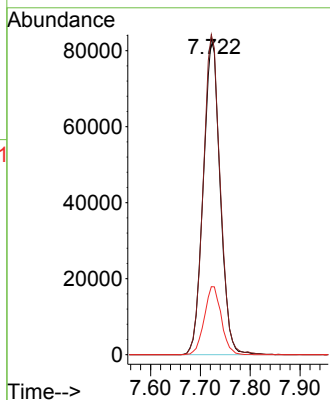
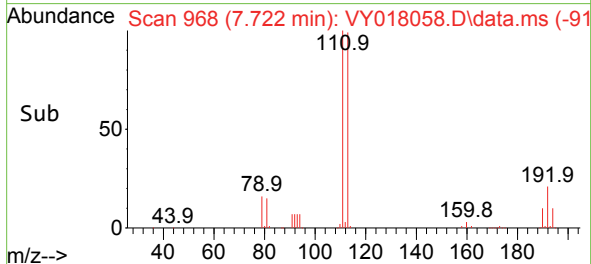


#35
Dibromofluoromethane
Concen: 49.676 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

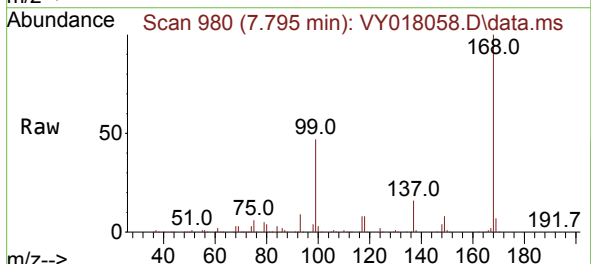
Instrument :
MSVOA_Y
ClientSampleId :



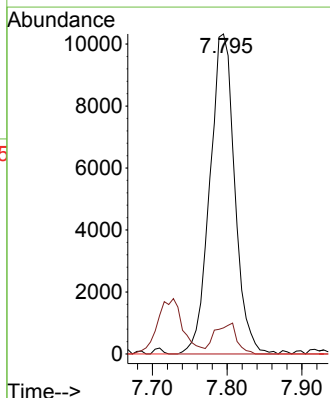
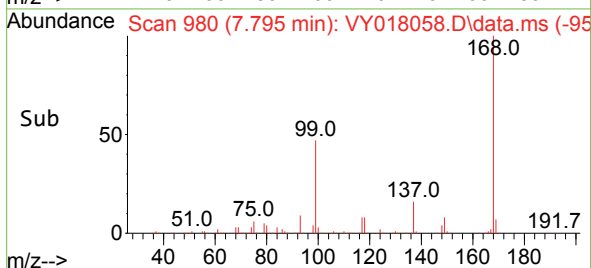
Tgt Ion:113 Resp: 194663
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.8 15.9 23.9

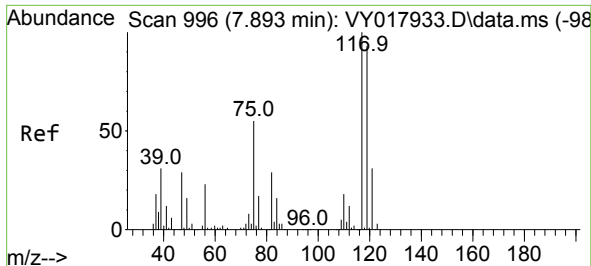


#36
1,1-Dichloropropene
Concen: 4.187 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28



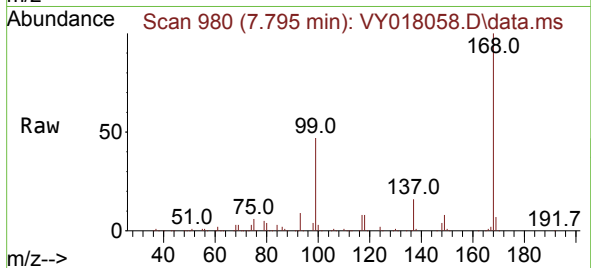
Tgt Ion: 75 Resp: 23862
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



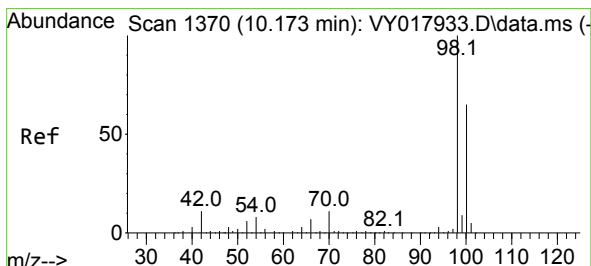
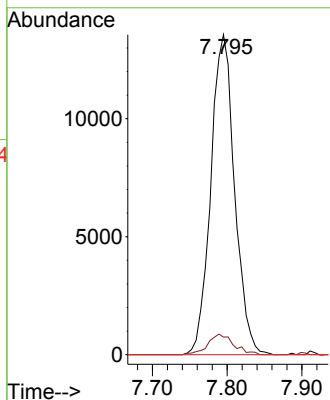
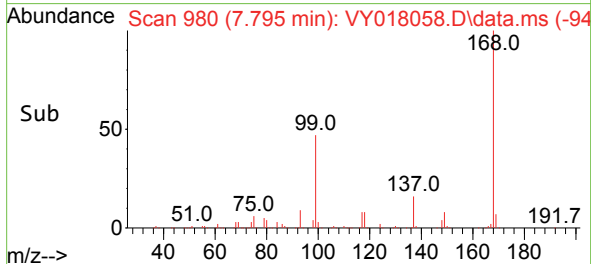


#38
Carbon Tetrachloride
Concen: 5.217 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

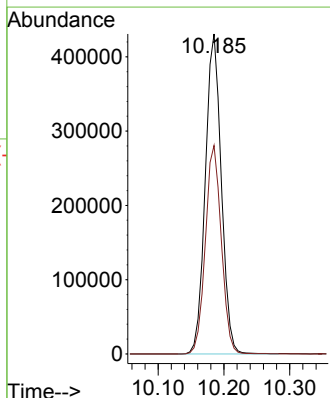
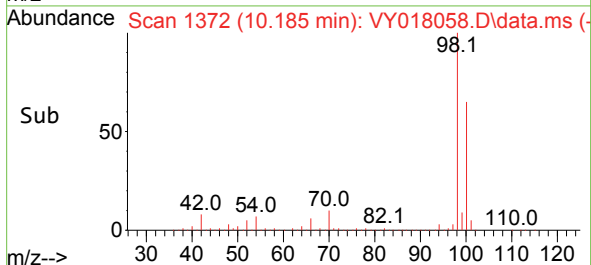
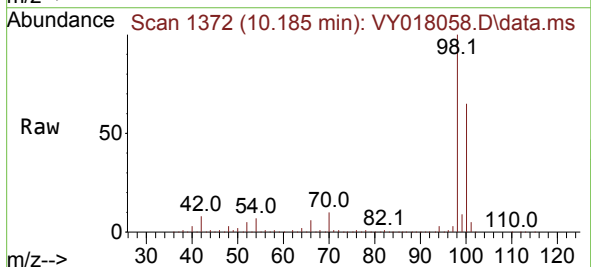


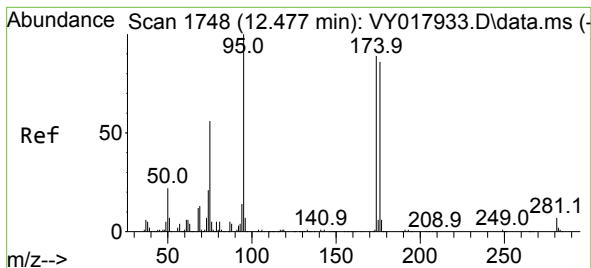
Tgt Ion:117 Resp: 30037
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion: 98 Resp: 728207
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

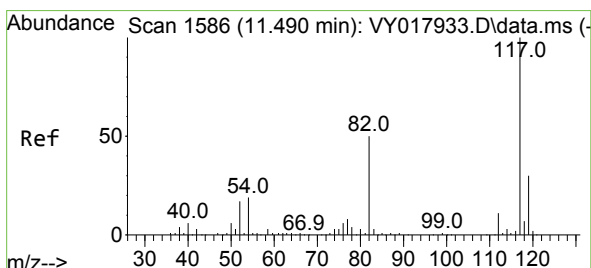
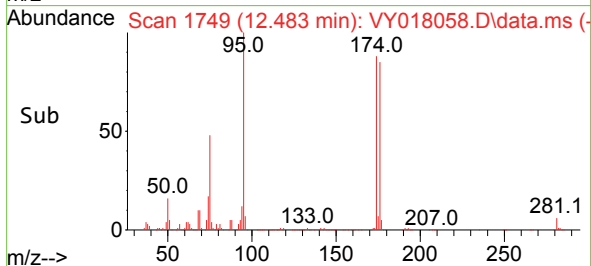
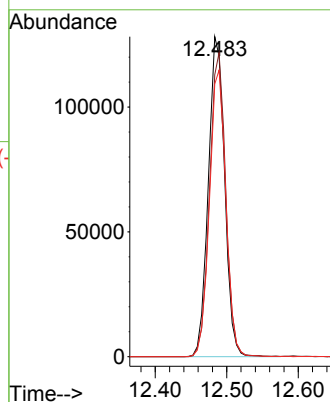
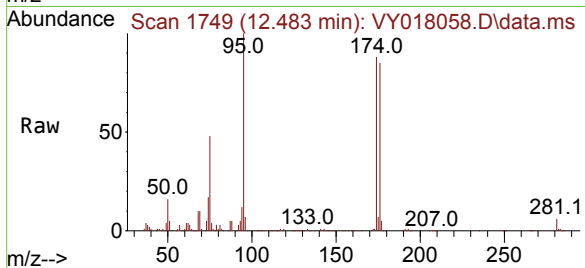




#62
4-Bromofluorobenzene
Concen: 44.038 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

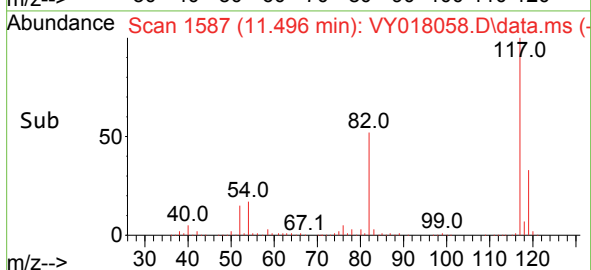
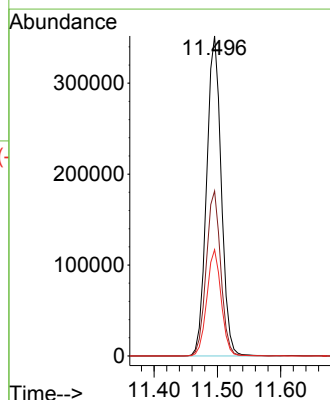
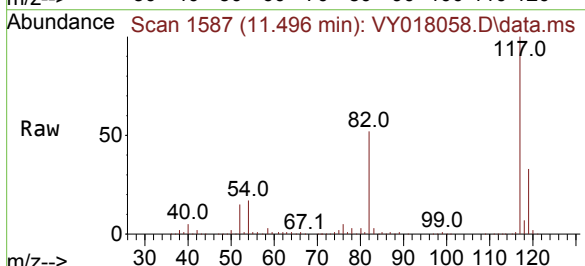
Instrument :
MSVOA_Y
ClientSampleId :

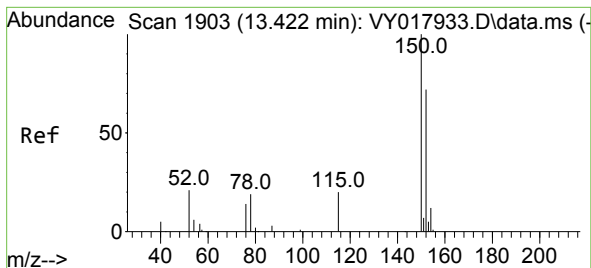
Tgt Ion: 95 Resp: 202800
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Tgt Ion: 117 Resp: 566947
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018058.D

Acq: 26 Apr 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

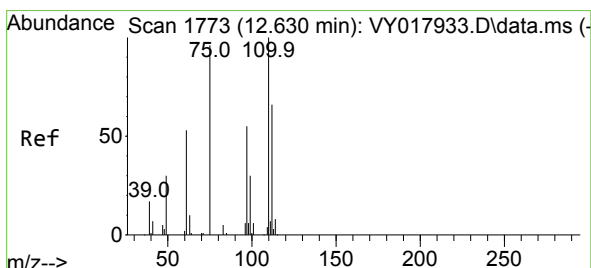
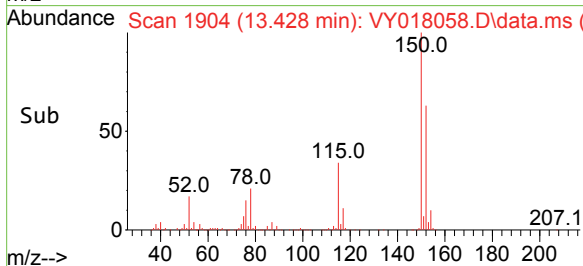
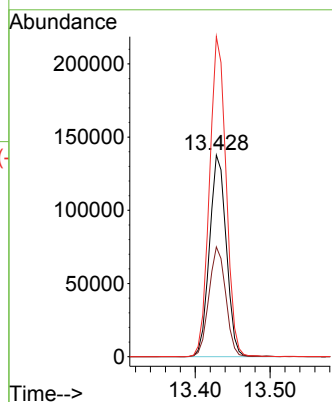
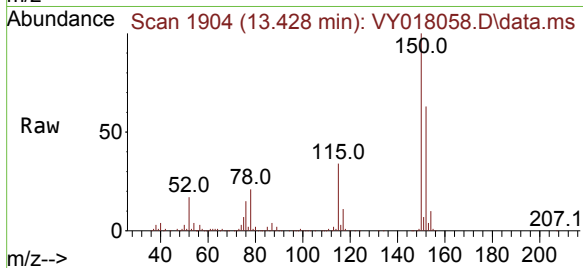
Tgt Ion:152 Resp: 215526

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 156.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 47.659 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018058.D

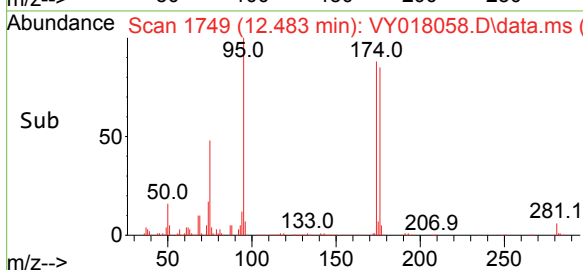
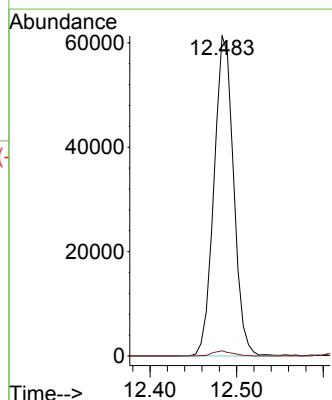
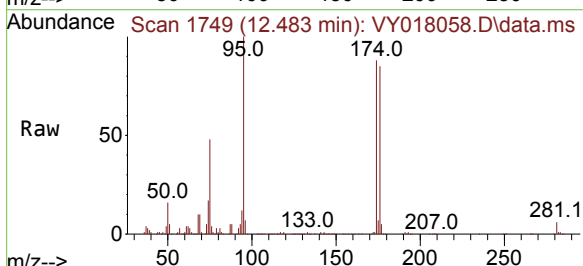
Acq: 26 Apr 2024 13:28

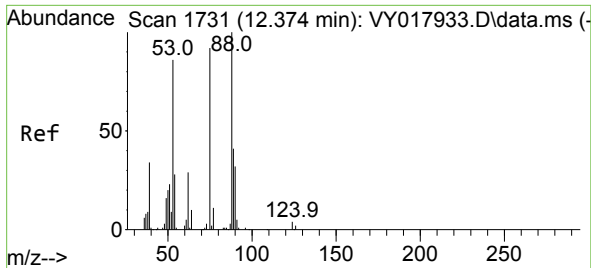
Tgt Ion: 75 Resp: 96389

Ion Ratio Lower Upper

75 100

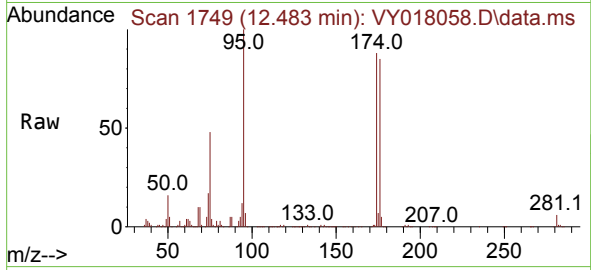
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.265 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018058.D
Acq: 26 Apr 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	96389
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	35.8	53.6#

