

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018307.D
 Acq On : 17 May 2024 14:46
 Operator : SY/MD
 Sample : P2496-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24376

Quant Time: May 18 00:50:20 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)

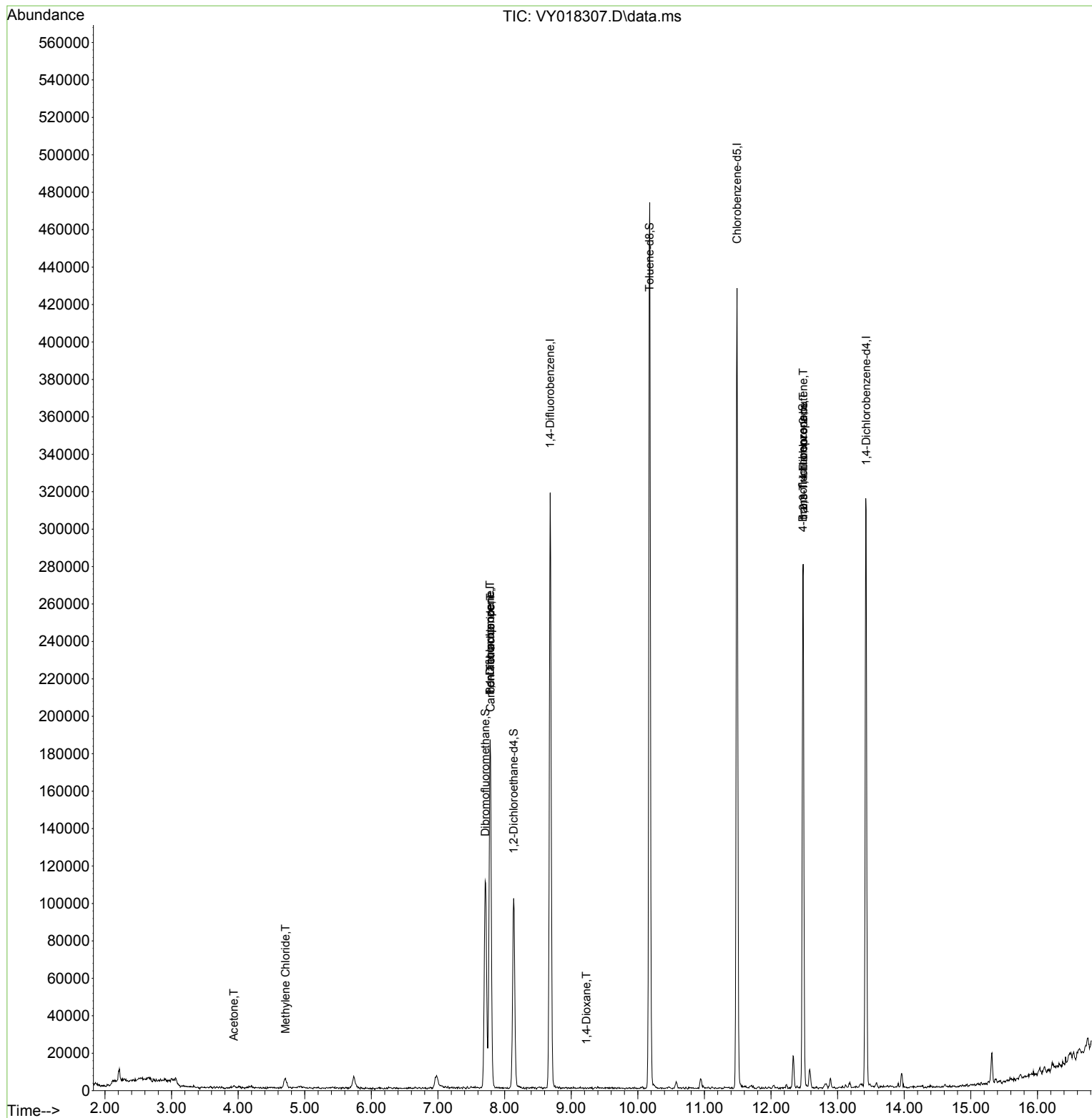
Internal Standards						
1) Pentafluorobenzene	7.783	168	148597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75958	69.483	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.960%			
35) Dibromofluoromethane	7.710	113	82970	56.438	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.880%			
50) Toluene-d8	10.179	98	317914	54.877	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.477	95	87705	46.879	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.760%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	930	Below Cal		98
13) Acrolein	3.723	56	188	Below Cal		93
16) Acetone	3.936	43	1954	8.957 ug/l #		85
20) Methylene Chloride	4.710	84	3967	2.573 ug/l #		89
31) Cyclohexane	7.789	56	3390	Below Cal #		56
36) 1,1-Dichloropropene	7.783	75	11223	5.325 ug/l #		50
38) Carbon Tetrachloride	7.789	117	15161	6.584 ug/l #		17
49) 1,4-Dioxane	9.228	88	23	2.034 ug/l #		61
76) 1,2,3-Trichloropropane	12.483	75	44818	68.665 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	44818	132.294 ug/l #		16

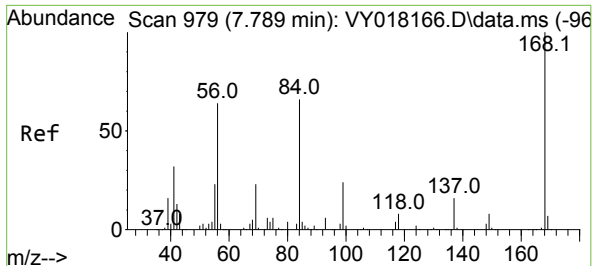
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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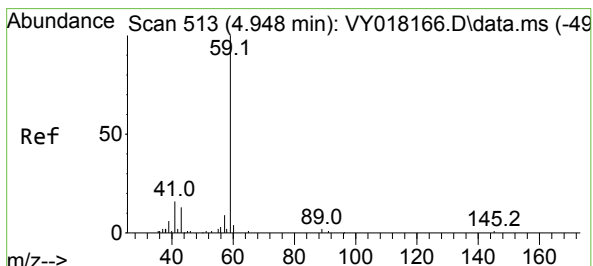
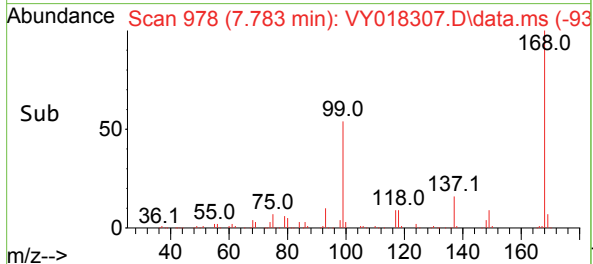
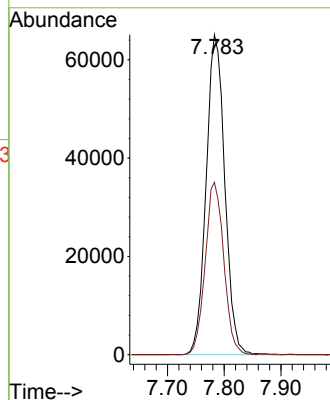
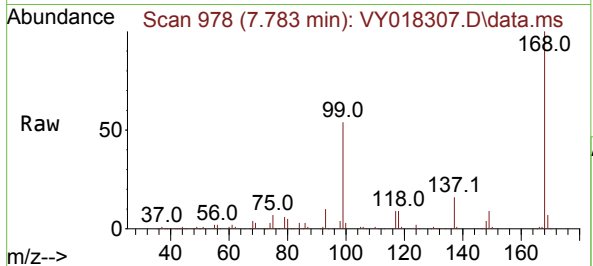




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

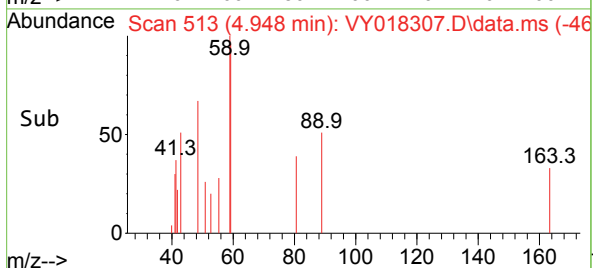
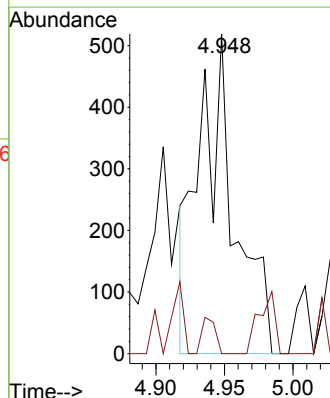
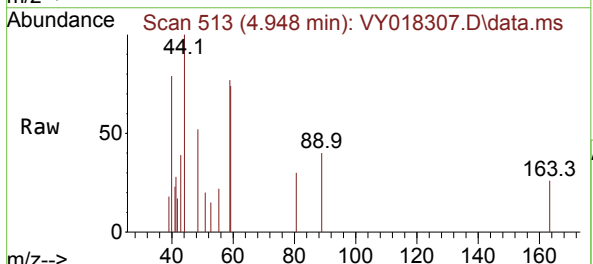
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24376

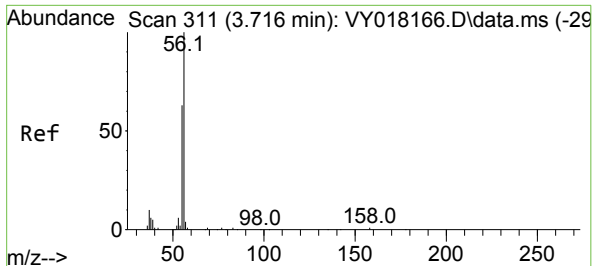
Tgt Ion:168 Resp: 148597
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 59 Resp: 930
Ion Ratio Lower Upper
59 100
57 4.3 3.0 4.6





#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018307.D

Acq: 17 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

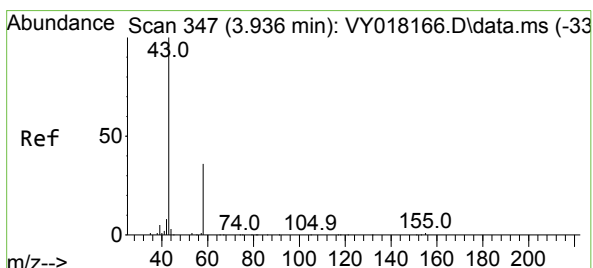
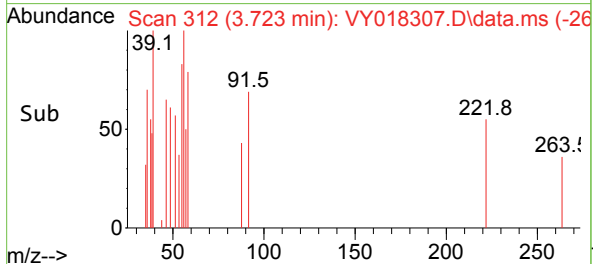
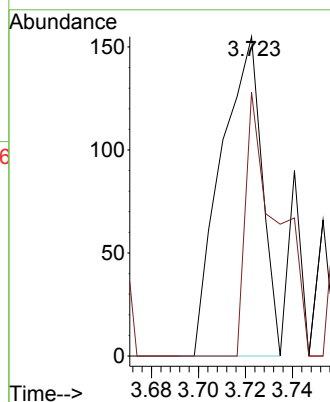
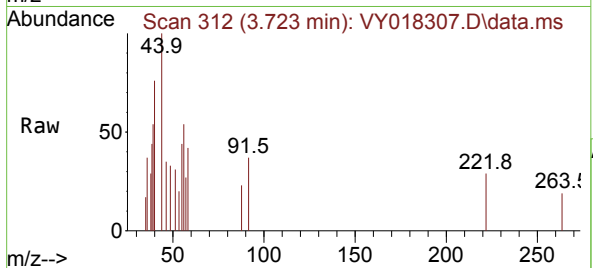
CHRT-24376

Tgt Ion: 56 Resp: 188

Ion Ratio Lower Upper

56 100

55 63.8 55.7 83.5



#16

Acetone

Concen: 8.957 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018307.D

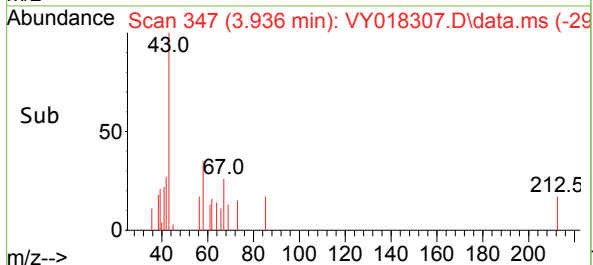
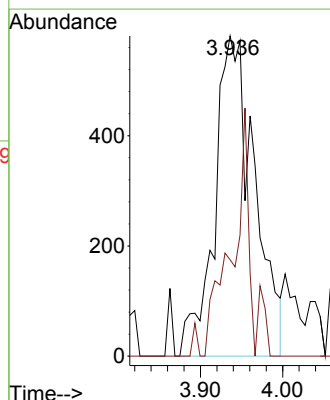
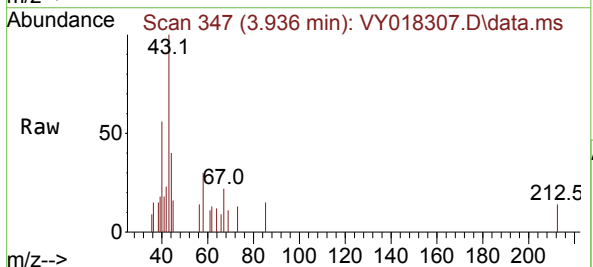
Acq: 17 May 2024 14:46

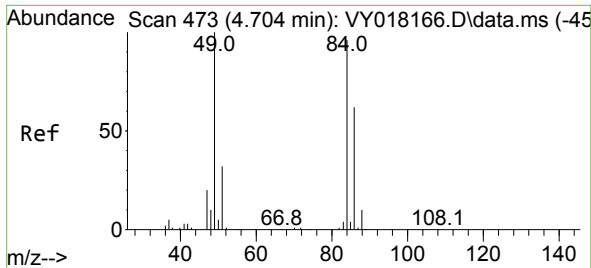
Tgt Ion: 43 Resp: 1954

Ion Ratio Lower Upper

43 100

58 30.1 31.7 47.5#

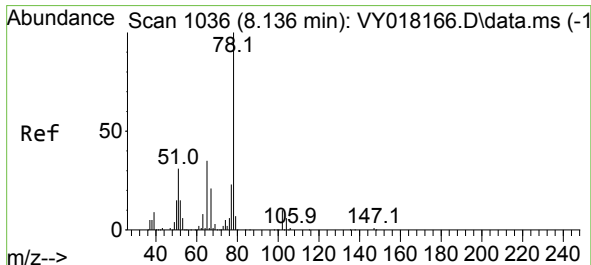
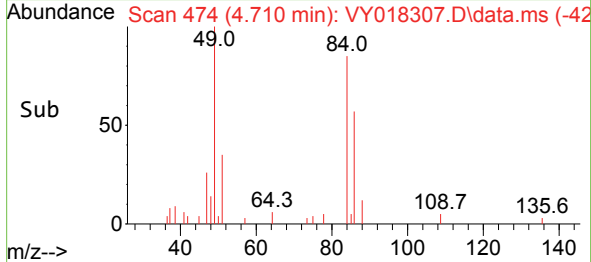
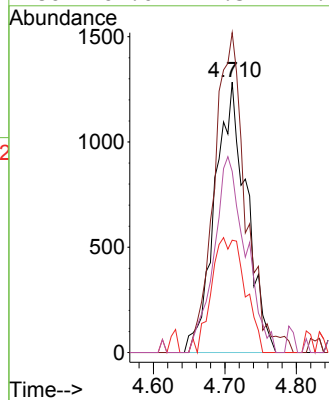
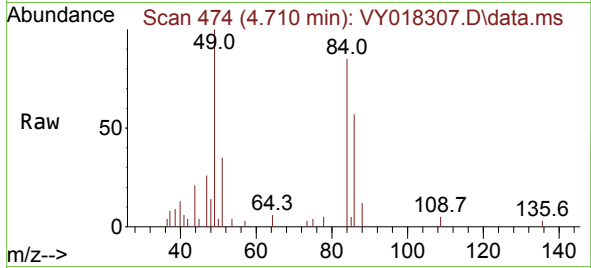




#20
Methylene Chloride
Concen: 2.573 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

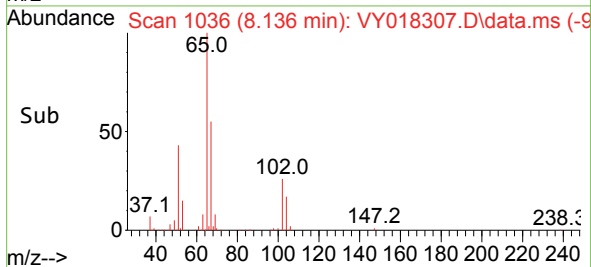
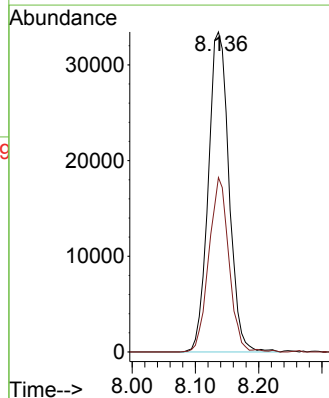
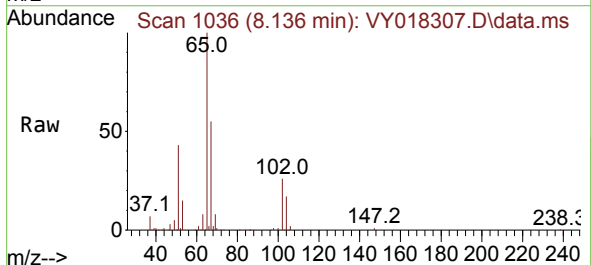
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24376

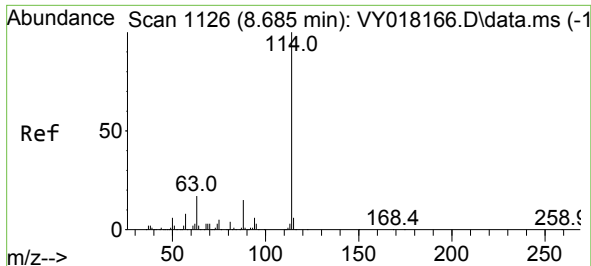
Tgt Ion: 84	Resp: 3967
Ion Ratio	Lower Upper
84 100	
49 118.3	84.4 126.6
51 41.6	26.0 39.0#
86 67.0	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 69.483 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 65	Resp: 75958
Ion Ratio	Lower Upper
65 100	
67 52.8	0.0 109.6

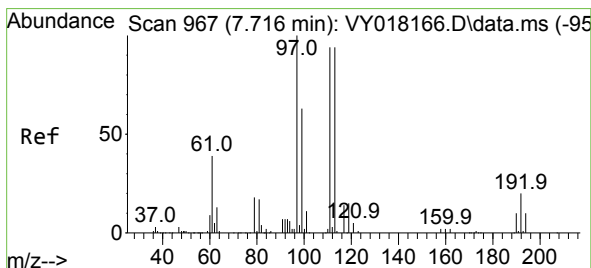
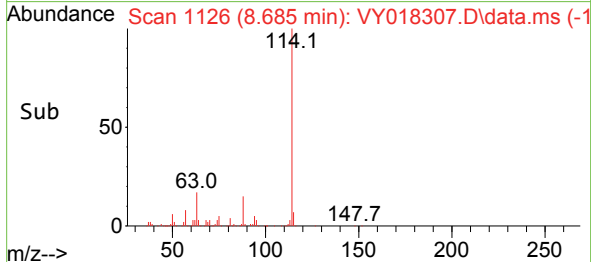
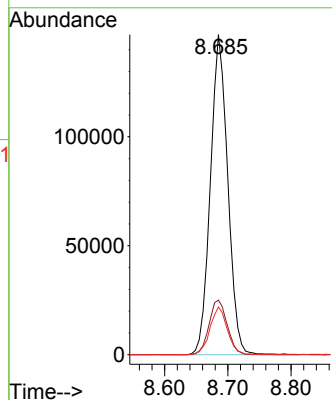
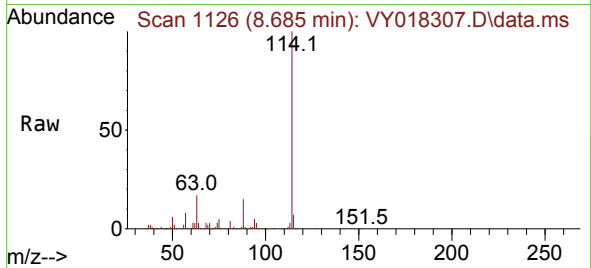




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

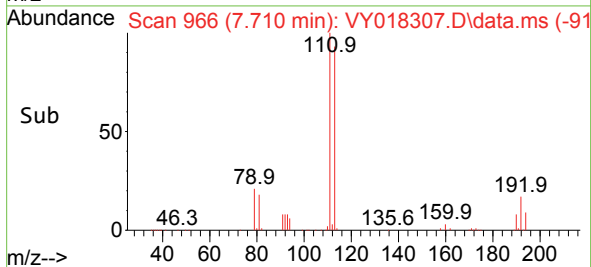
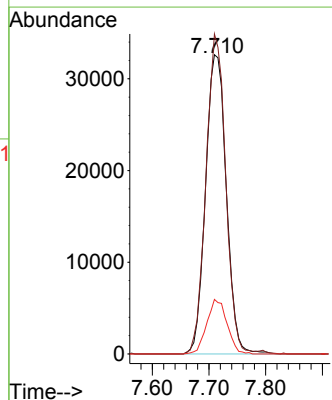
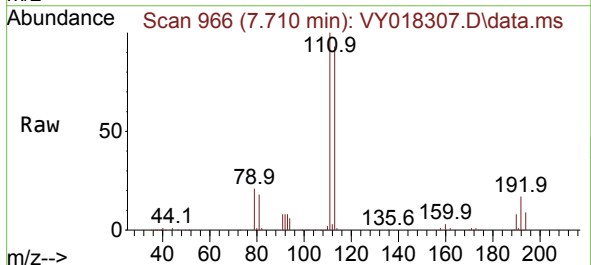
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24376

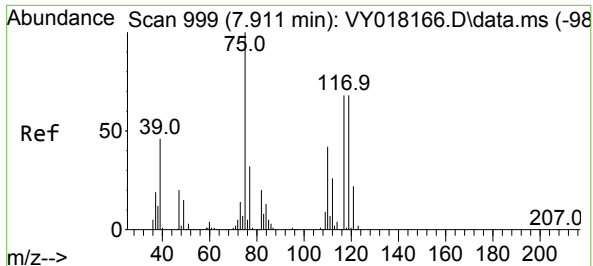
Tgt Ion:114 Resp: 279732
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.438 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion:113 Resp: 82970
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 17.8 15.9 23.9

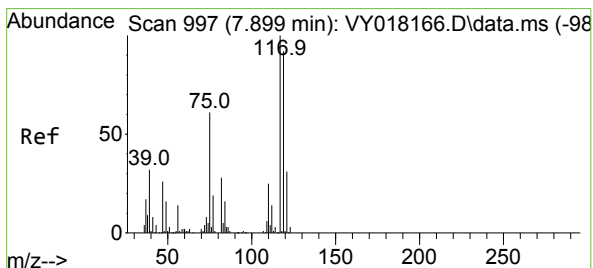
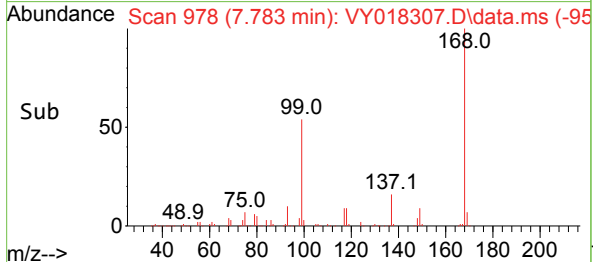
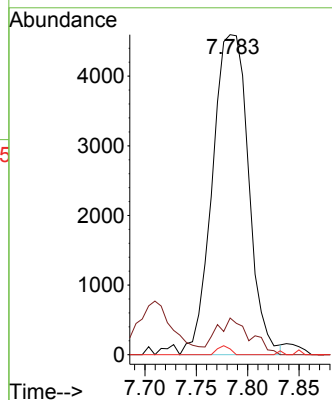
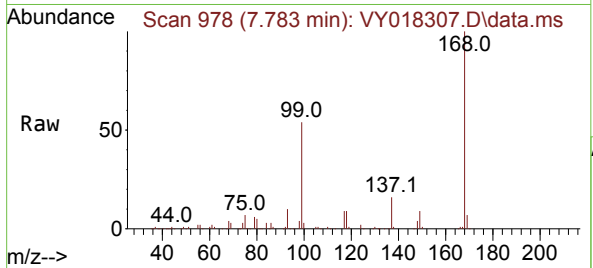




#36
1,1-Dichloropropene
Concen: 5.325 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

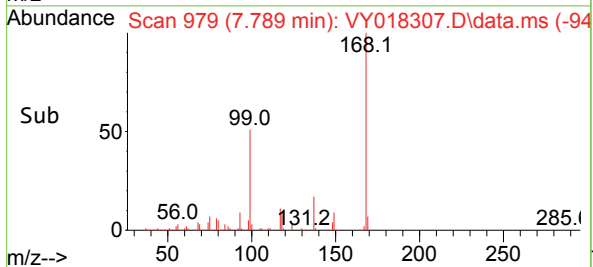
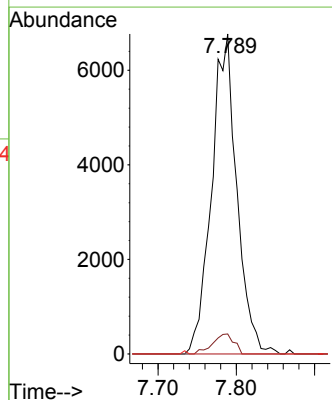
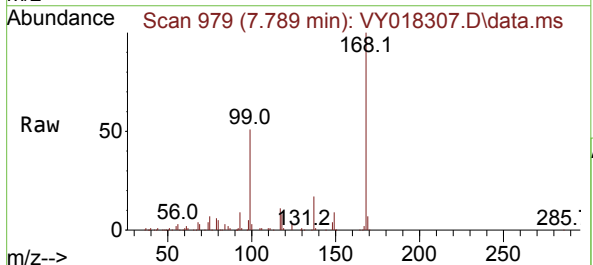
Instrument :
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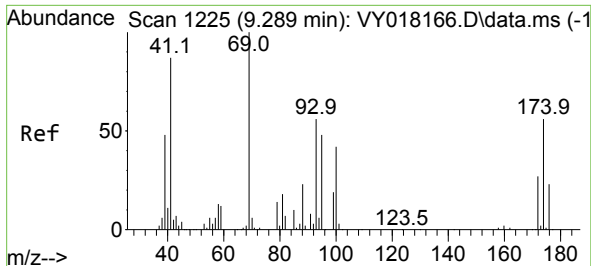
Tgt Ion: 75 Resp: 11223
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 1.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 117 Resp: 15161
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.034 ug/l

RT: 9.228 min Scan# 1225

Delta R.T. -0.061 min

Lab File: VY018307.D

Acq: 17 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24376

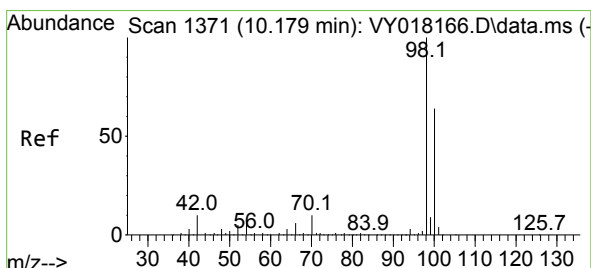
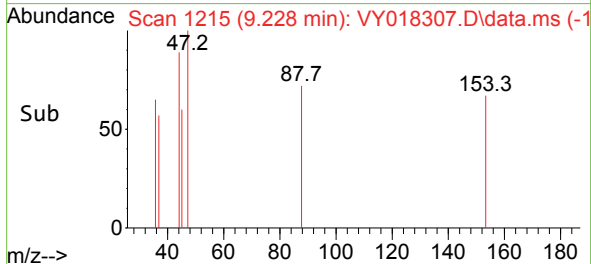
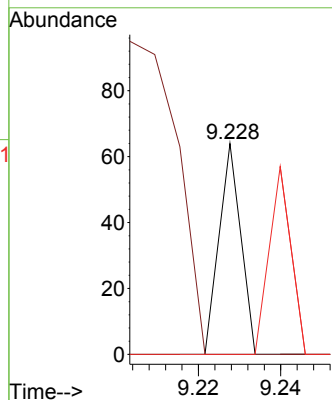
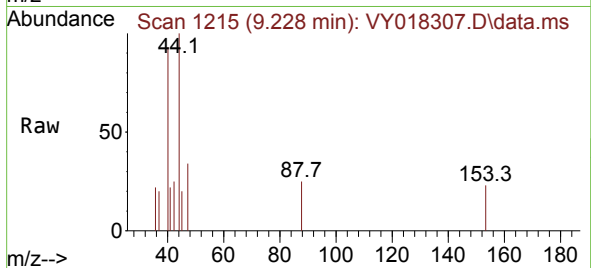
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 91.3 49.3 73.9#



#50

Toluene-d8

Concen: 54.877 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018307.D

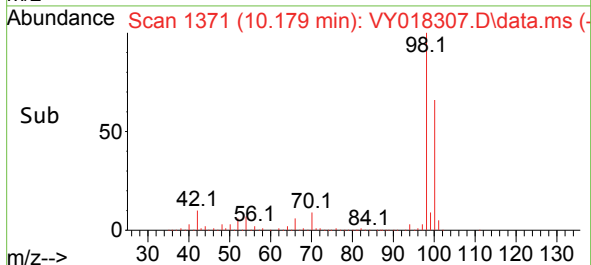
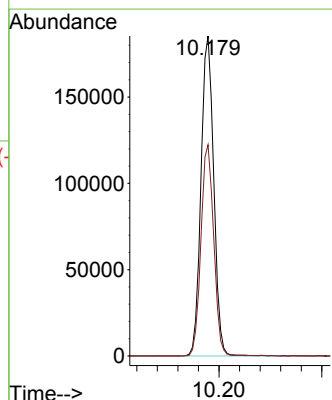
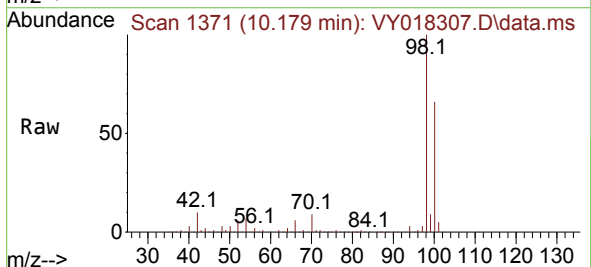
Acq: 17 May 2024 14:46

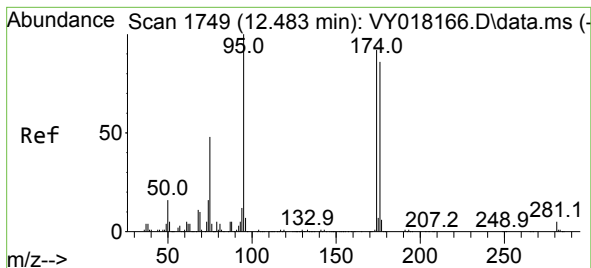
Tgt Ion: 98 Resp: 317914

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0

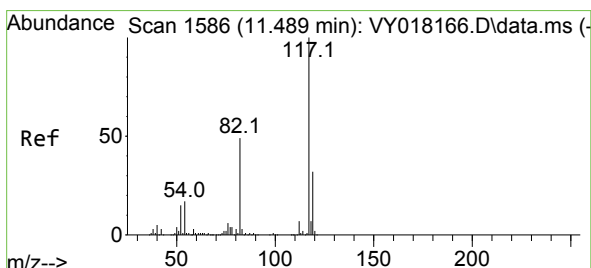
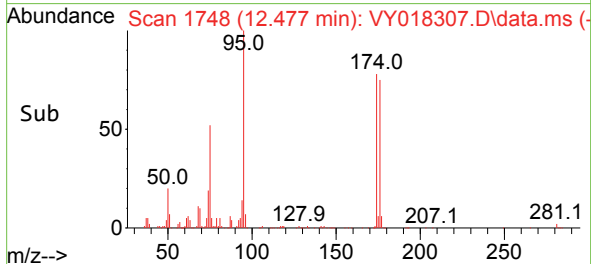
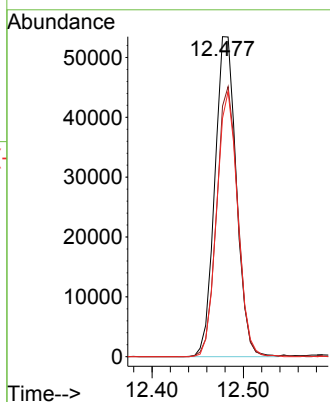
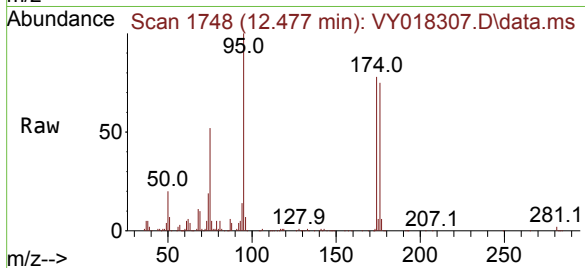




#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

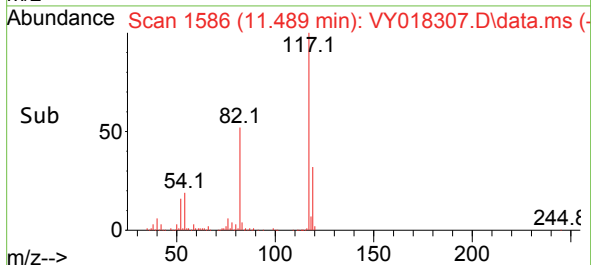
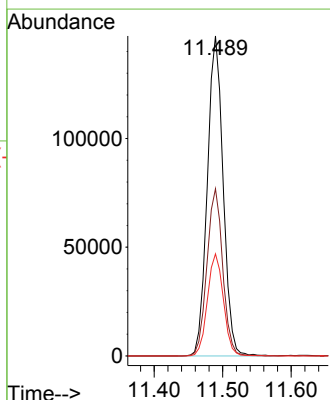
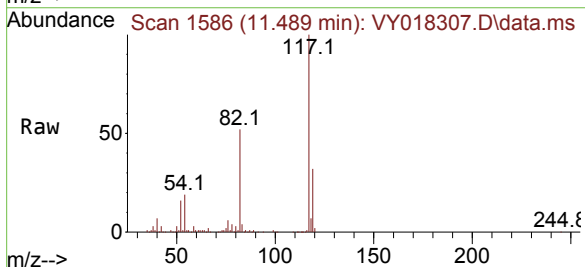
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24376

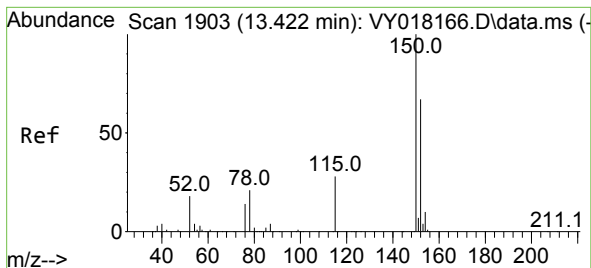
Tgt Ion: 95 Resp: 87705
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.6
176 80.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 117 Resp: 236514
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.9 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: VY018307.D

Acq: 17 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24376

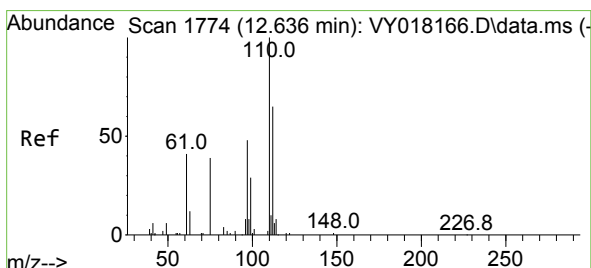
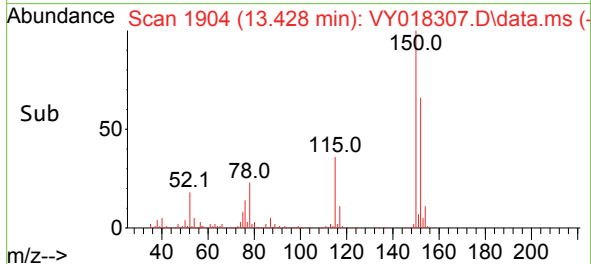
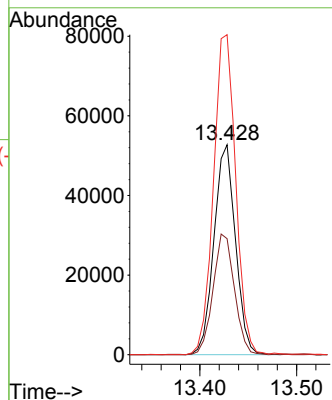
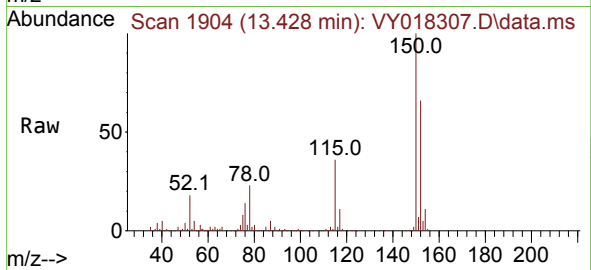
Tgt Ion:152 Resp: 81544

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 157.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.665 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018307.D

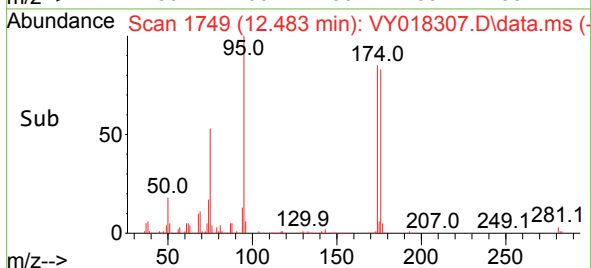
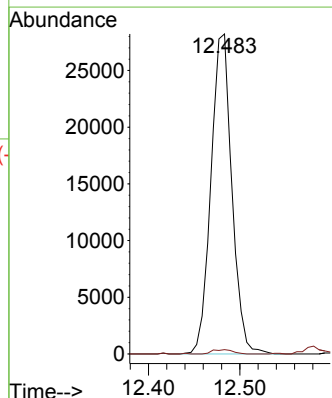
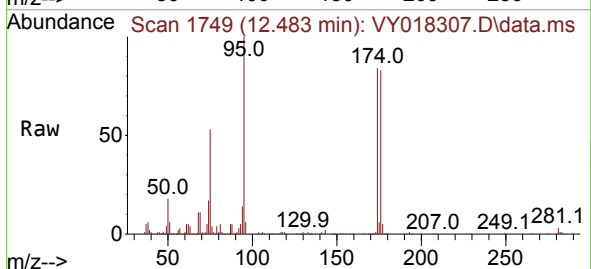
Acq: 17 May 2024 14:46

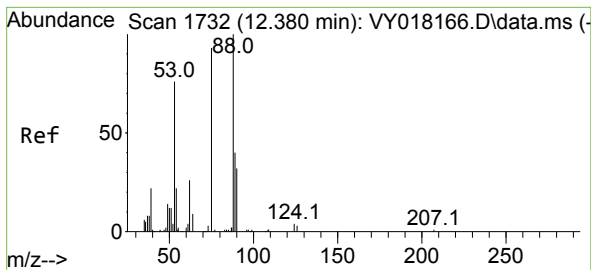
Tgt Ion: 75 Resp: 44818

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.294 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018307.D
 Acq: 17 May 2024 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24376

Tgt Ion: 75 Resp: 44818
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 35.8 53.6#

