

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006074.D
 Acq On : 17 Sep 2021 16:46
 Operator : SY/MD
 Sample : M3775-05
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Sep 20 01:42:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	121716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96000	56.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.728	113	71786	49.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.185	98	306147	50.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.483	95	120832	58.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.260%

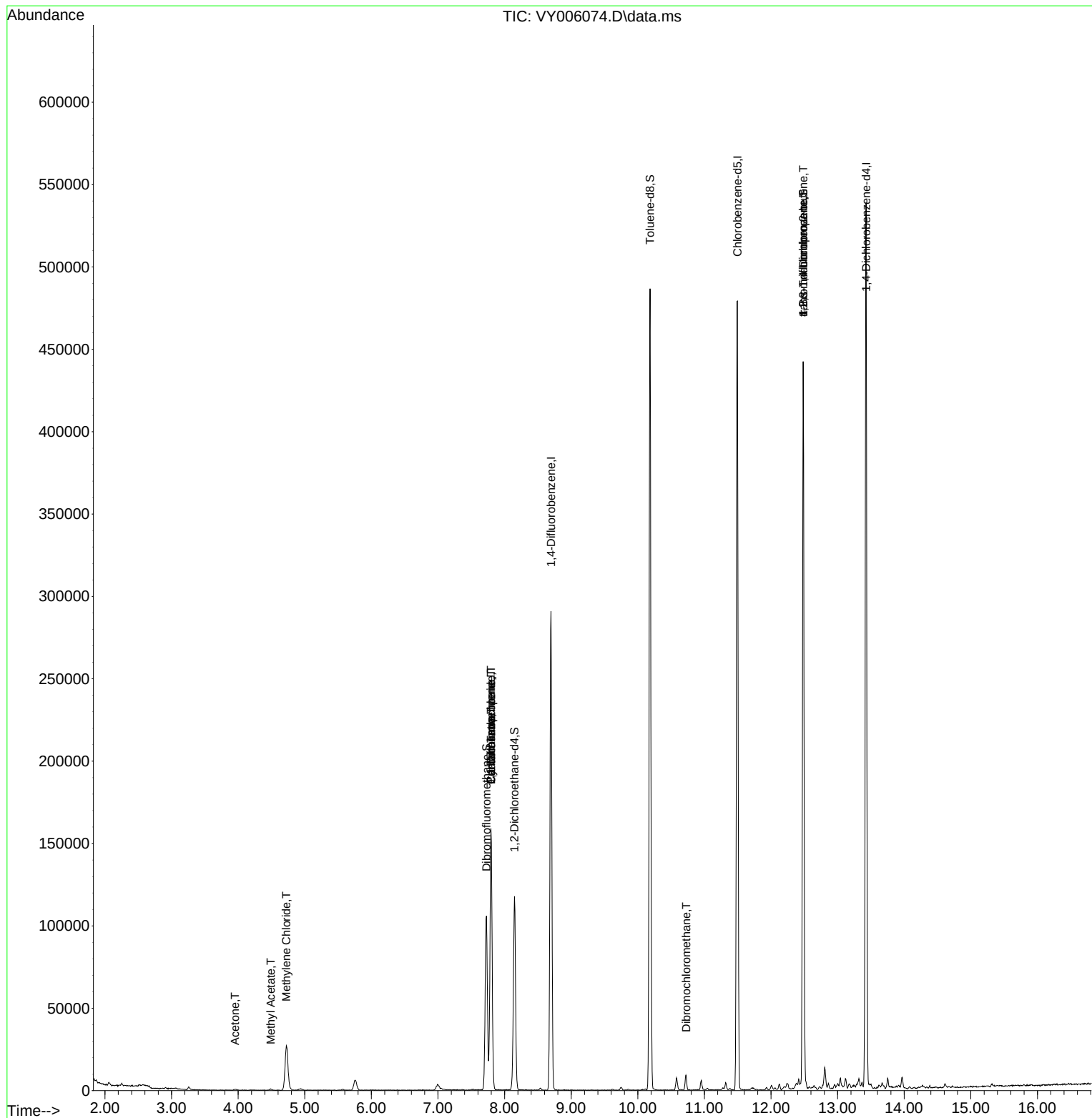
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	548	Below Cal	#	77
16) Acetone	3.954	43	855	1.844	ug/l #	87
18) Methyl Acetate	4.491	43	1350	1.156	ug/l #	90
20) Methylene Chloride	4.722	84	19657	9.854	ug/l #	83
31) Cyclohexane	7.795	56	2992	1.105	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	9823	3.935	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11658	4.290	ug/l #	15
60) Dibromochloromethane	10.727	129	1790	1.102	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	69863	50.266	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69863	92.415	ug/l #	7

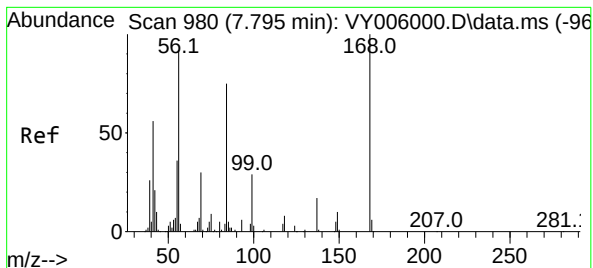
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY006074.D

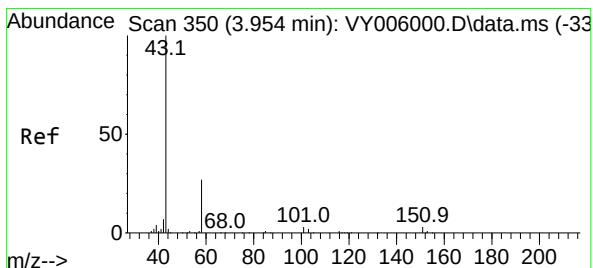
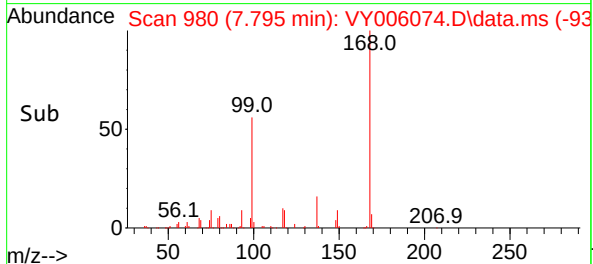
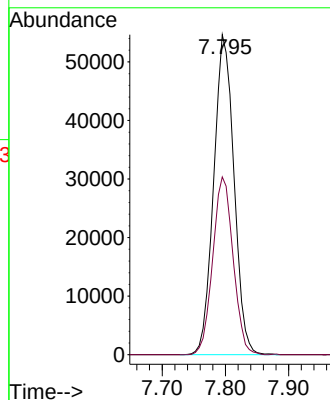
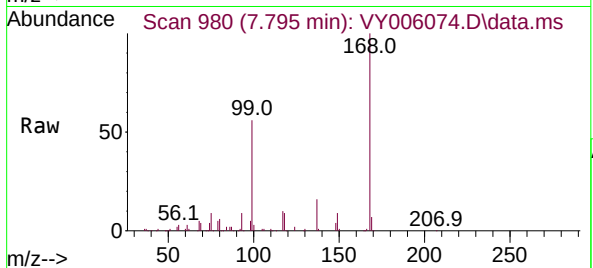
Acq: 17 Sep 2021 16:46

Tgt Ion:168 Resp: 121716

Ion Ratio Lower Upper

168 100

99 55.6 46.9 70.3



#16

Acetone

Concen: 1.844 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006074.D

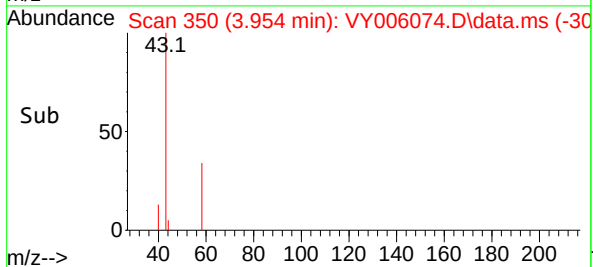
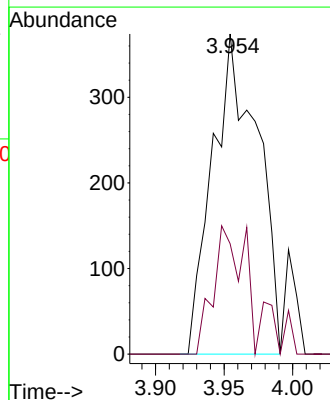
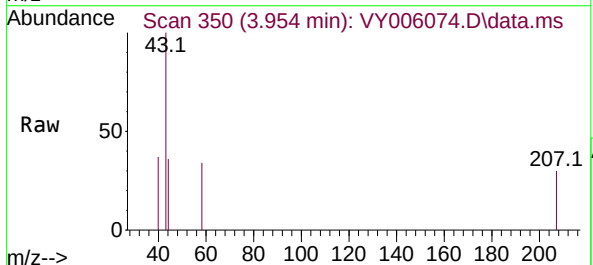
Acq: 17 Sep 2021 16:46

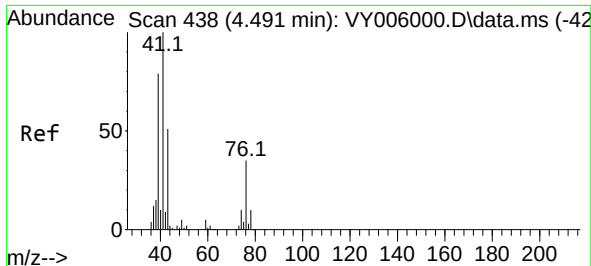
Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

58 34.5 22.0 33.0#

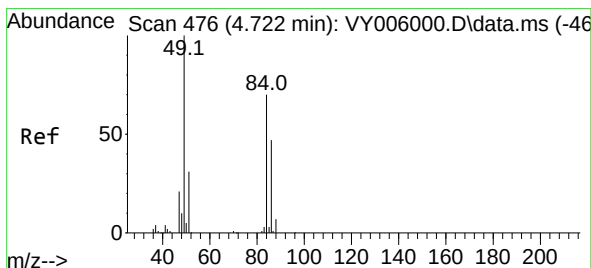
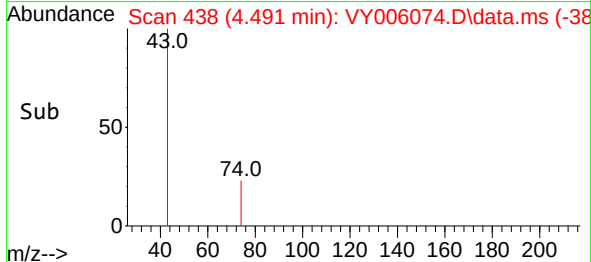
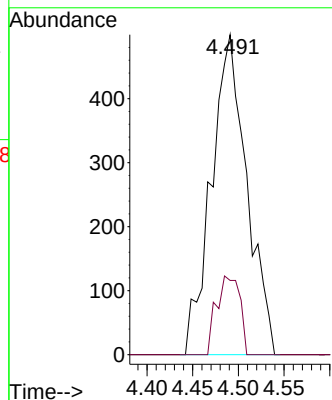
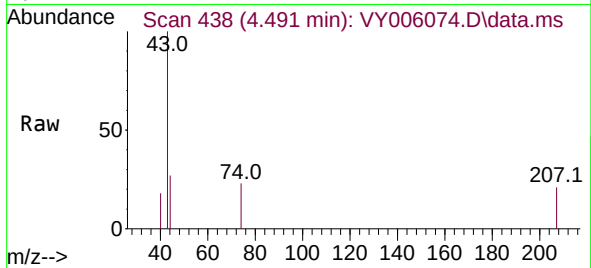




#18
Methyl Acetate
Concen: 1.156 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

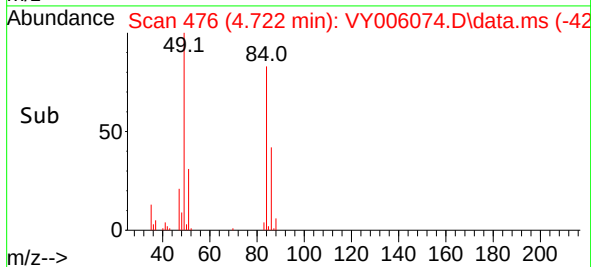
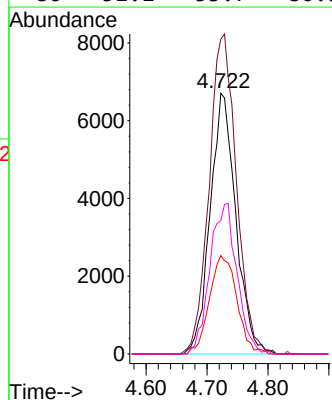
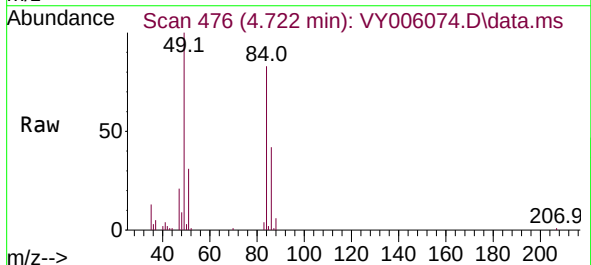
Instrument :
MSVOA_Y
ClientSampled :
PE-4

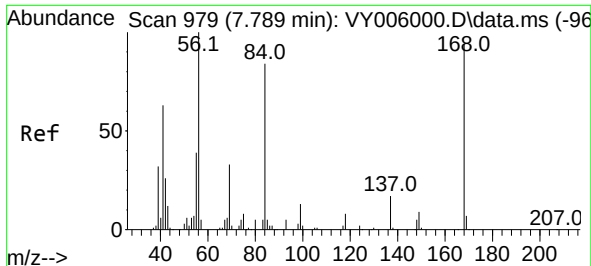
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
74 16.1 16.6 24.8#



#20
Methylene Chloride
Concen: 9.854 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

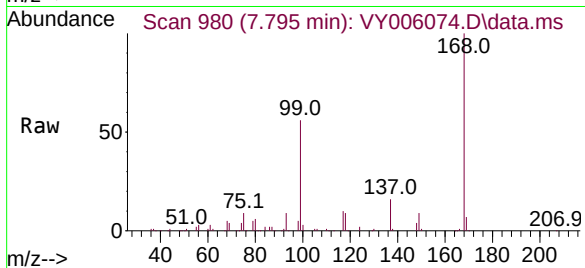
Tgt Ion: 84 Resp: 19657
Ion Ratio Lower Upper
84 100
49 120.8 114.4 171.6
51 37.8 35.3 52.9
86 51.1 53.7 80.5#



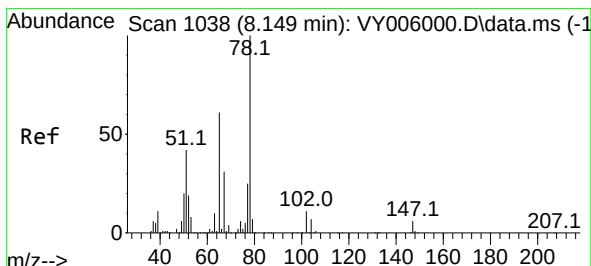
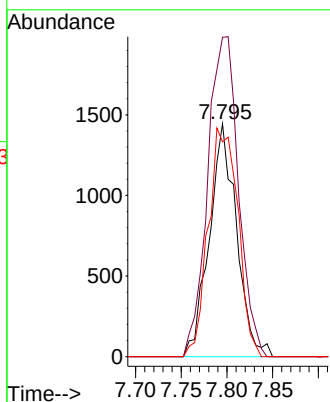
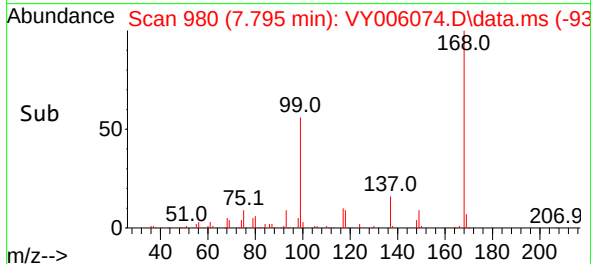


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

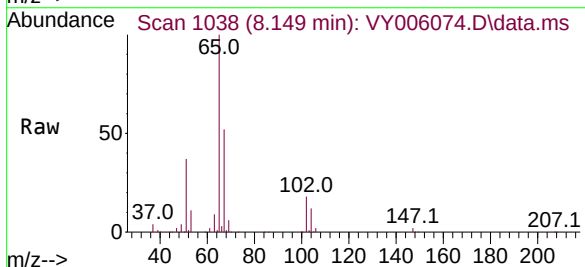
Instrument :
MSVOA_Y
ClientSampled :
PE-4



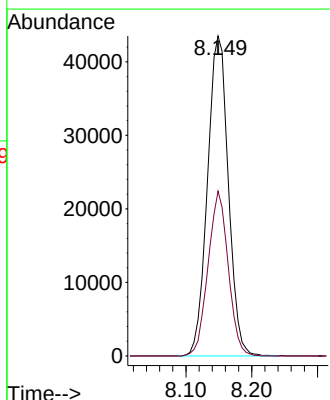
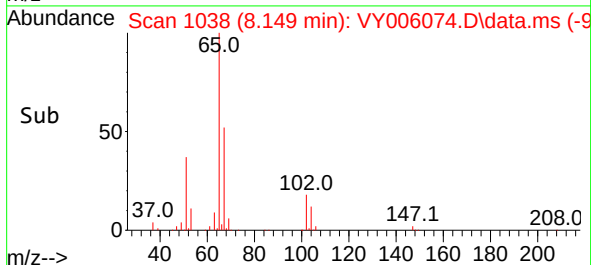
Tgt Ion: 56 Resp: 2992
Ion Ratio Lower Upper
56 100
69 137.1 26.7 40.1#
84 92.2 67.2 100.8

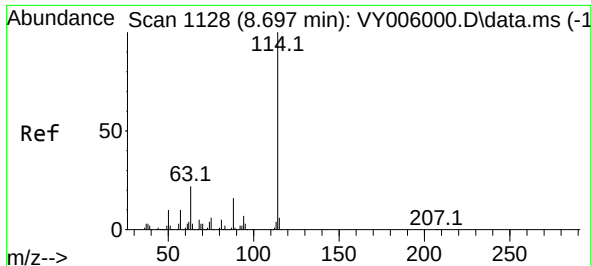


#33
1,2-Dichloroethane-d4
Concen: 56.781 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46



Tgt Ion: 65 Resp: 96000
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

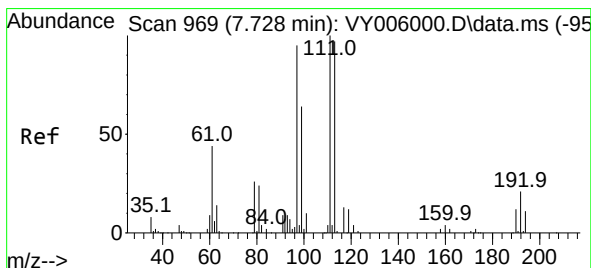
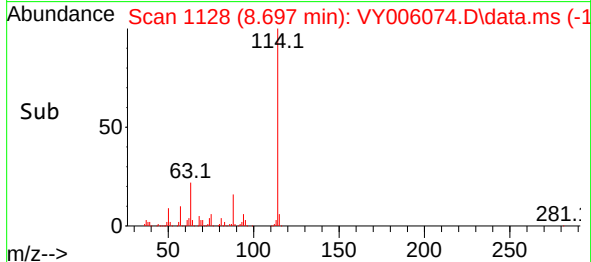
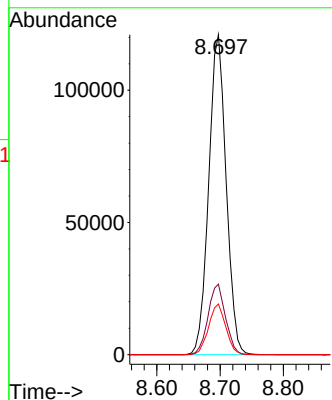
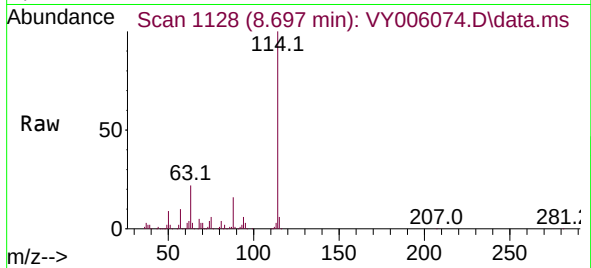




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

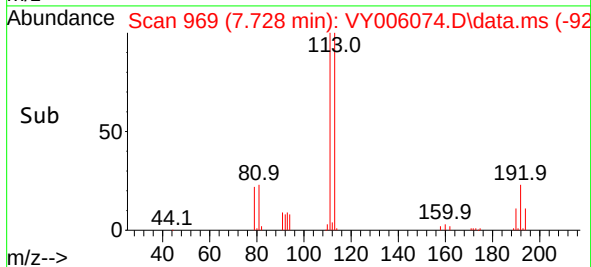
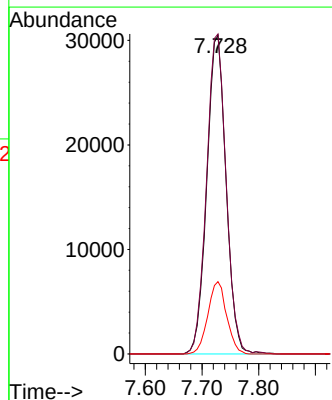
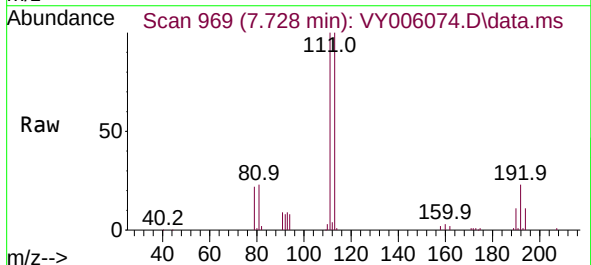
Instrument :
MSVOA_Y
ClientSampled :
PE-4

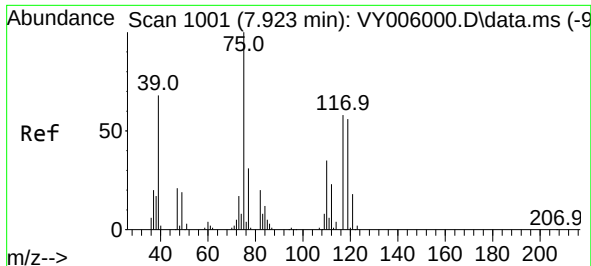
Tgt Ion:	114	Resp:	231276
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.973 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion:	113	Resp:	71786
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	22.2	17.6	26.4





#36

1,1-Dichloropropene

Concen: 3.935 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006074.D

Acq: 17 Sep 2021 16:46

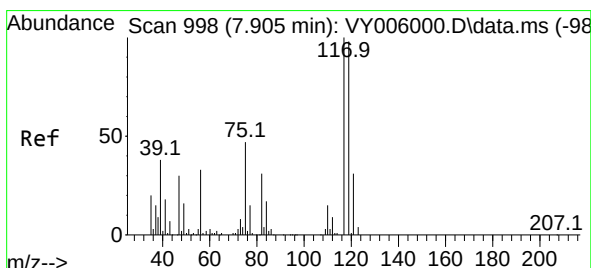
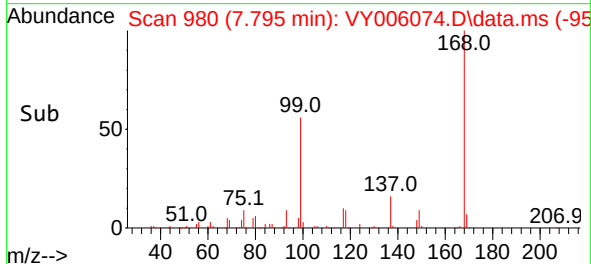
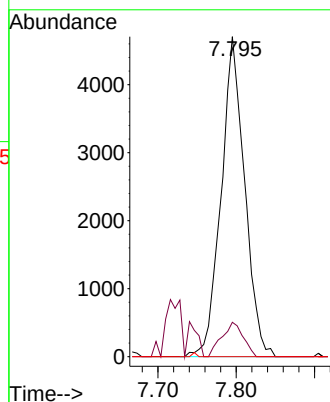
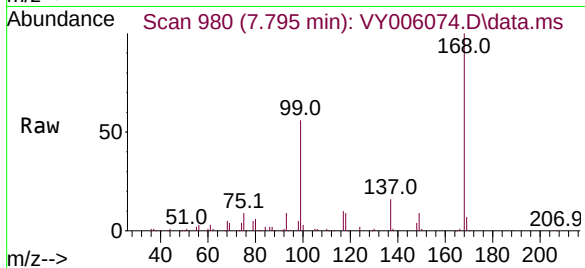
Instrument :

MSVOA_Y

ClientSampleId :

PE-4

Tgt Ion:	75	Resp:	9823
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.290 ug/l

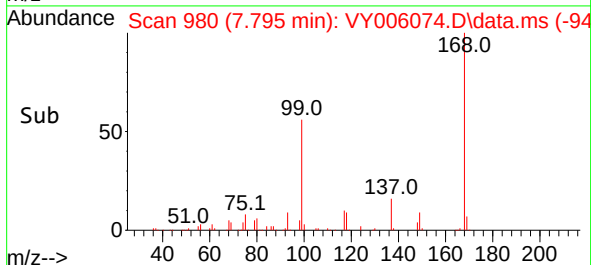
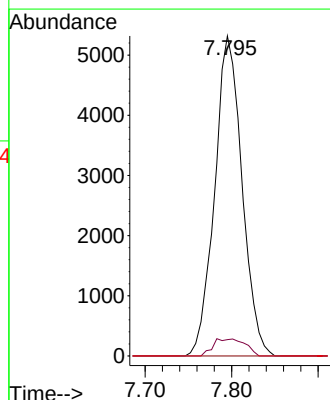
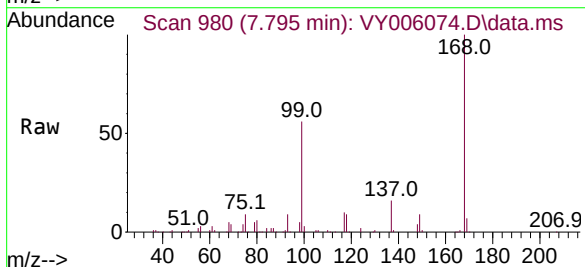
RT: 7.795 min Scan# 980

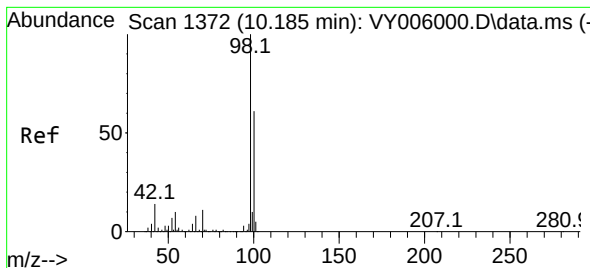
Delta R.T. -0.110 min

Lab File: VY006074.D

Acq: 17 Sep 2021 16:46

Tgt Ion:	117	Resp:	11658
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#

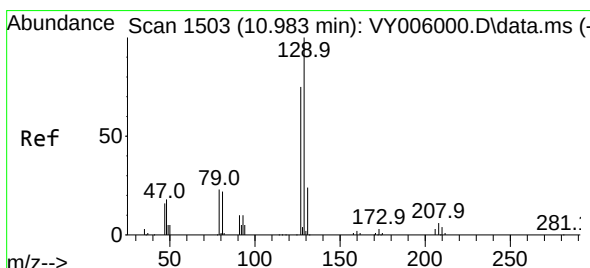
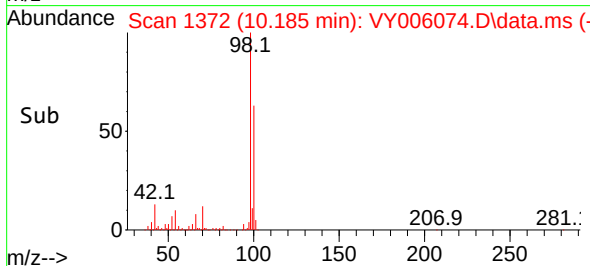
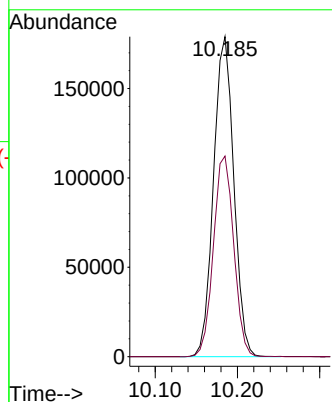
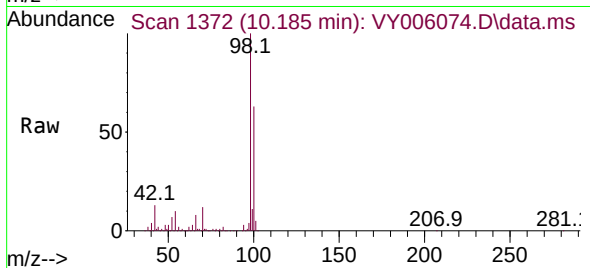




#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

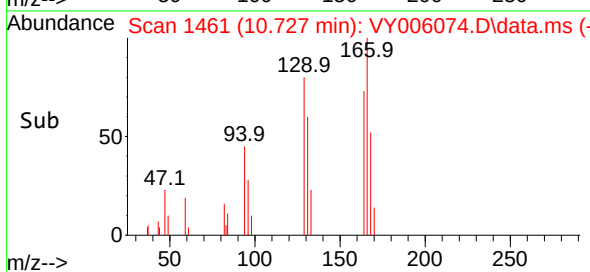
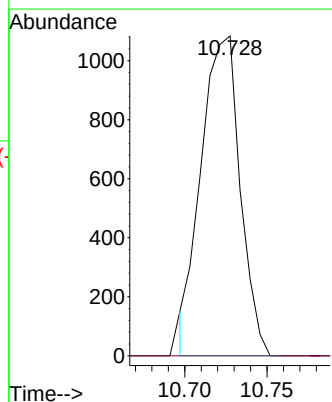
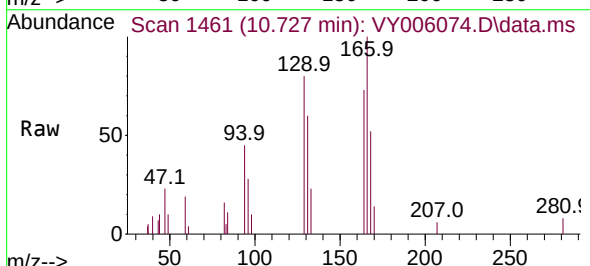
Instrument :
MSVOA_Y
ClientSampled :
PE-4

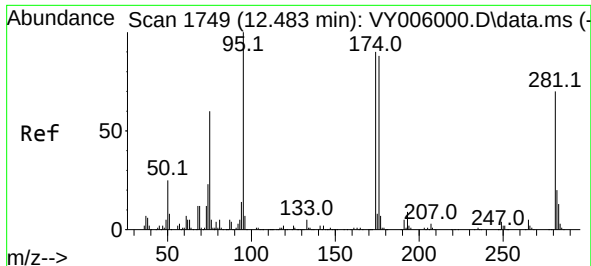
Tgt Ion: 98 Resp: 306147
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#60
Dibromochloromethane
Concen: 1.102 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.256 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion: 129 Resp: 1790
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

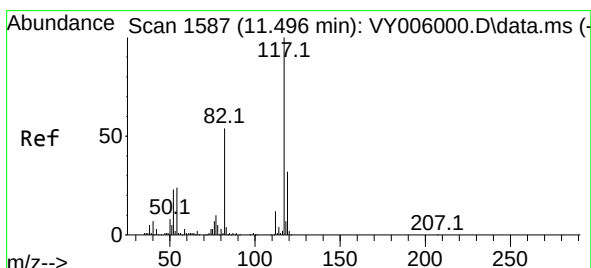
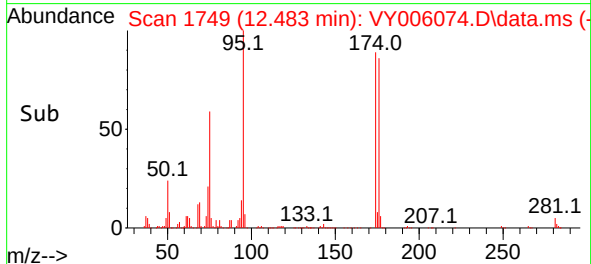
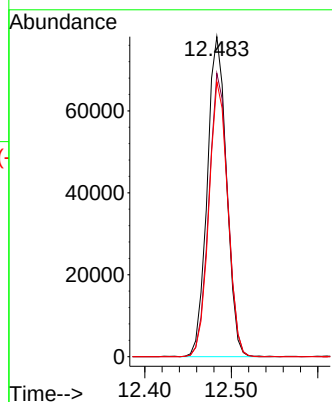
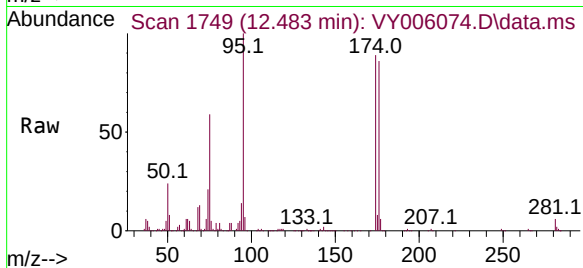




#62
4-Bromofluorobenzene
Concen: 58.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

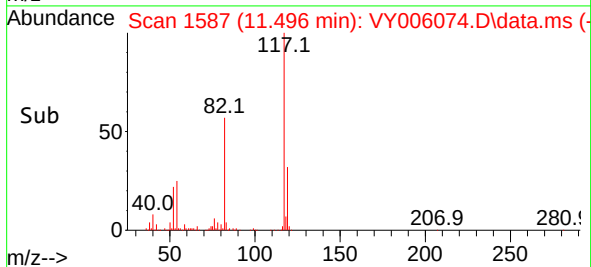
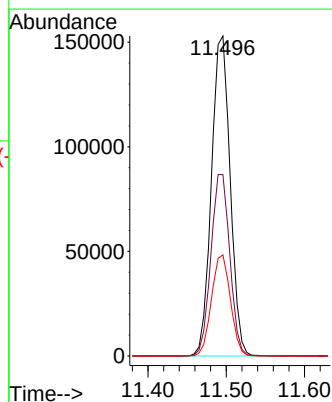
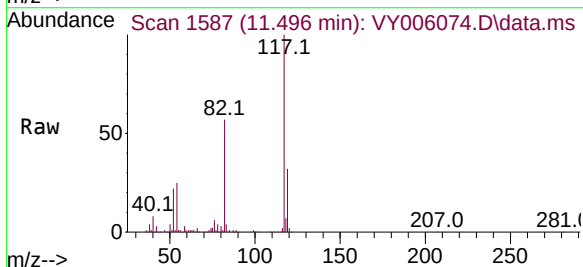
Instrument :
MSVOA_Y
ClientSampled :
PE-4

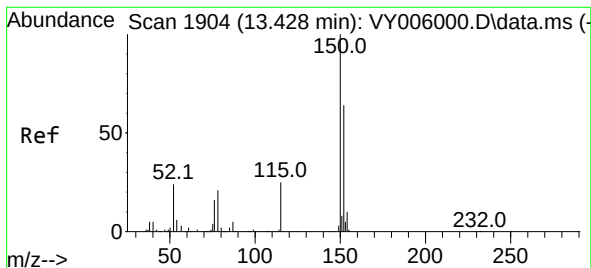
Tgt Ion: 95 Resp: 120832
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 84.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion: 117 Resp: 253685
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006074.D

Acq: 17 Sep 2021 16:46

Tgt Ion:152 Resp: 130357

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

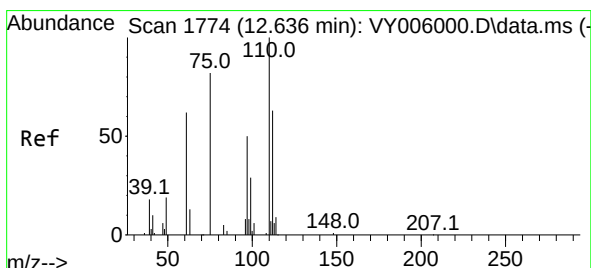
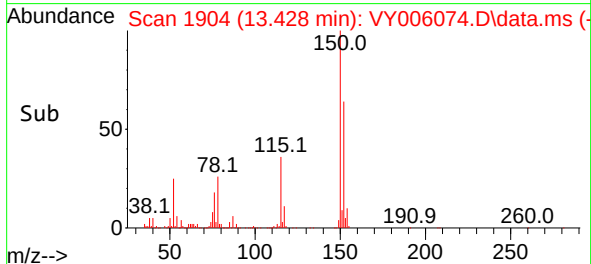
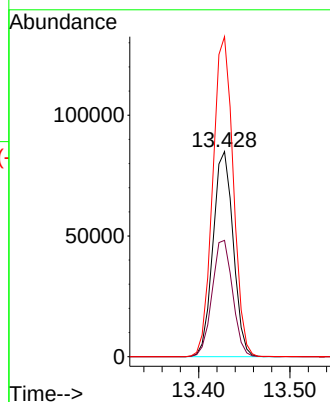
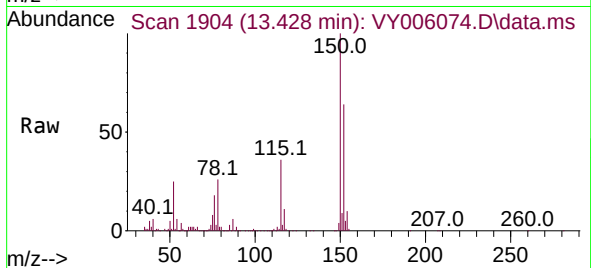
150 157.9 0.0 347.6

Instrument :

MSVOA_Y

ClientSampled :

PE-4



#76

1,2,3-Trichloropropane

Concen: 50.266 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006074.D

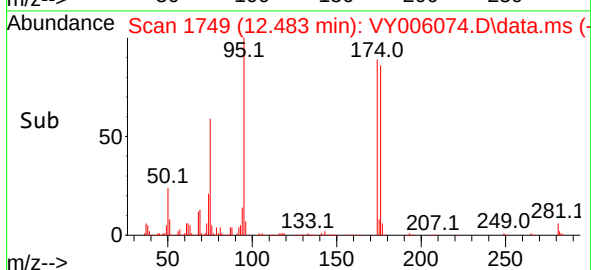
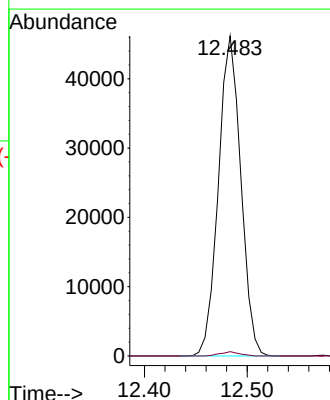
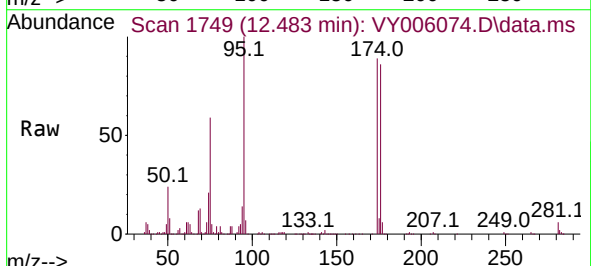
Acq: 17 Sep 2021 16:46

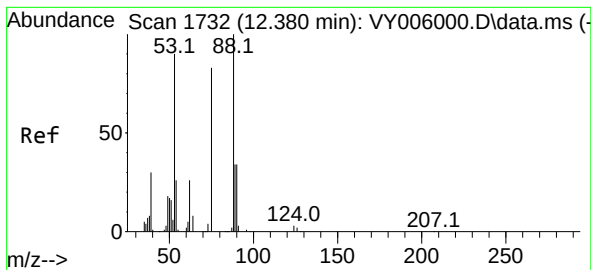
Tgt Ion: 75 Resp: 69863

Ion Ratio Lower Upper

75 100

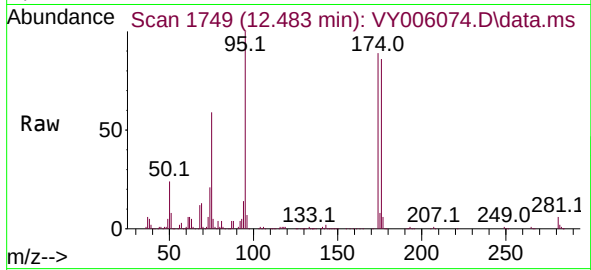
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.415 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006074.D
 Acq: 17 Sep 2021 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

