

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006225.D
 Acq On : 29 Sep 2021 19:57
 Operator : SY/MD
 Sample : M3987-01
 Misc : 5.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:35:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

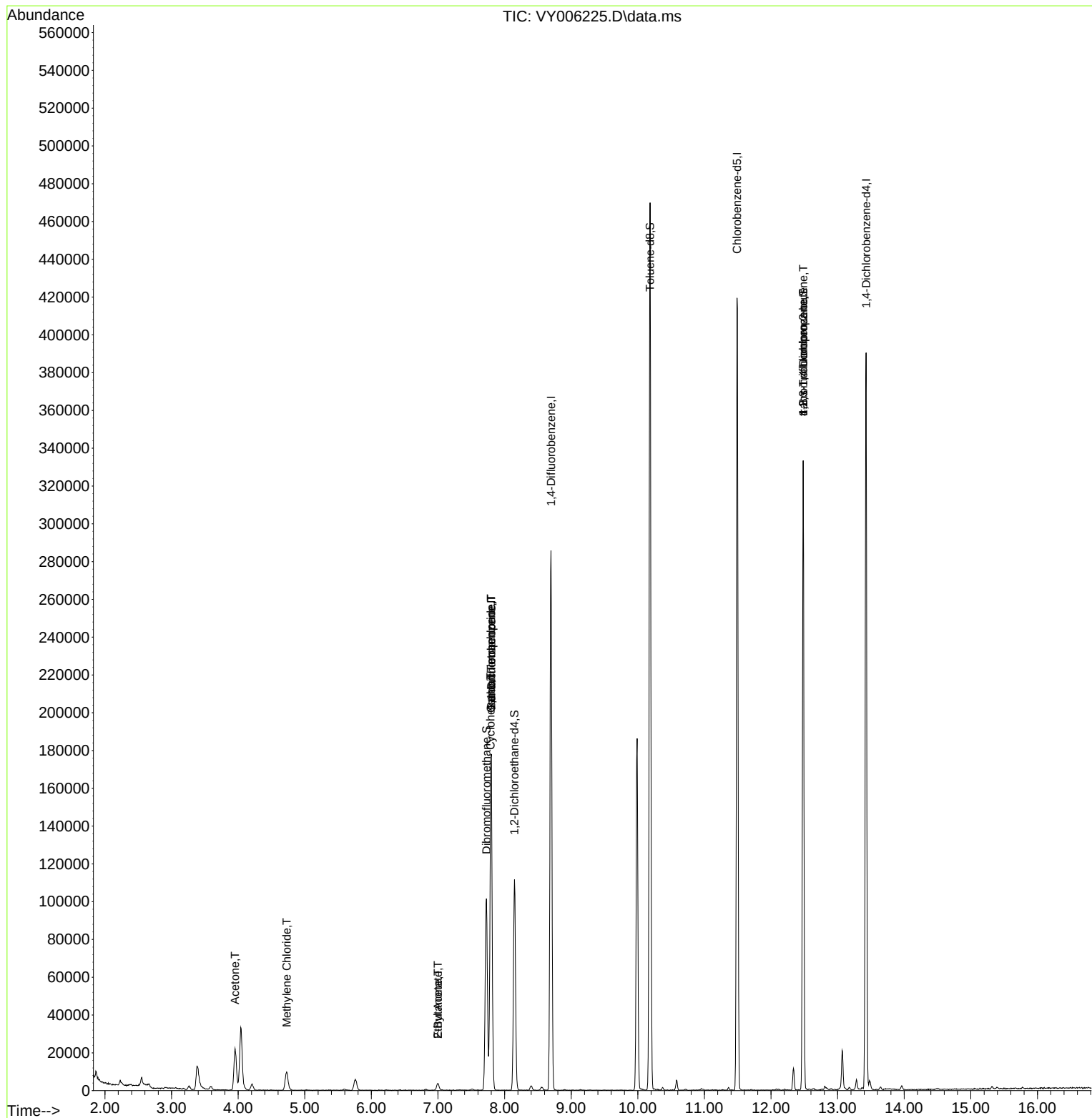
Internal Standards						
1) Pentafluorobenzene	7.801	168	138555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90997	61.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.728	113	69700	55.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.185	98	298498	56.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.960%	
62) 4-Bromofluorobenzene	12.483	95	93102	52.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	39655	95.742	ug/l	94
20) Methylene Chloride	4.729	84	6870	1.154	ug/l	97
25) 2-Butanone	6.996	43	6704	11.620	ug/l	97
31) Cyclohexane	7.789	56	3070	1.093	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	10727	4.601	ug/l #	50
37) Ethyl Acetate	6.996	43	6704	4.936	ug/l #	72
38) Carbon Tetrachloride	7.795	117	13647	5.544	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51339	53.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51339	104.828	ug/l #	7

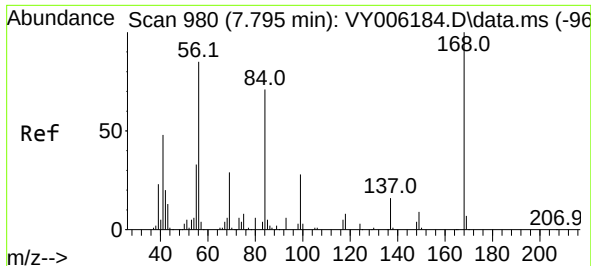
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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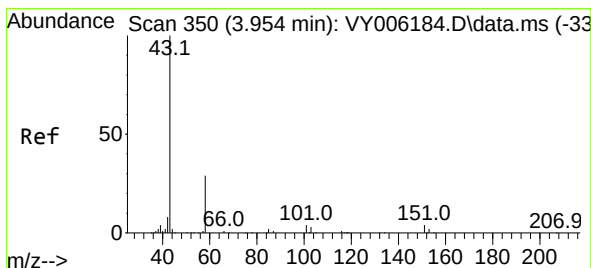
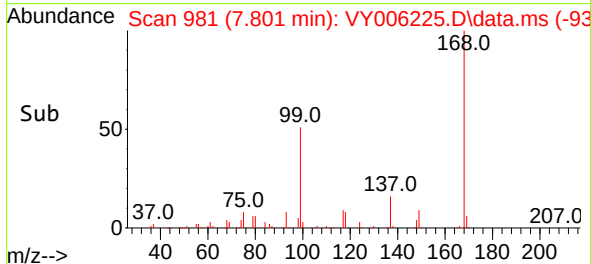
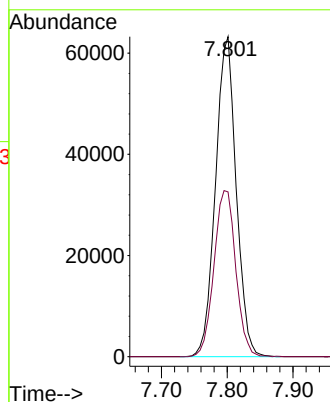
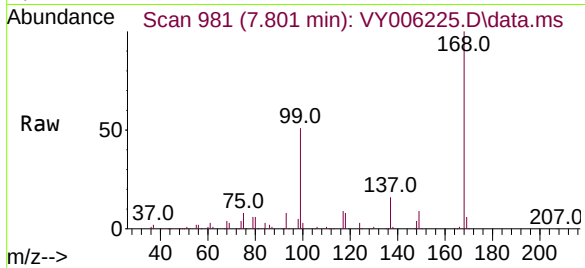




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

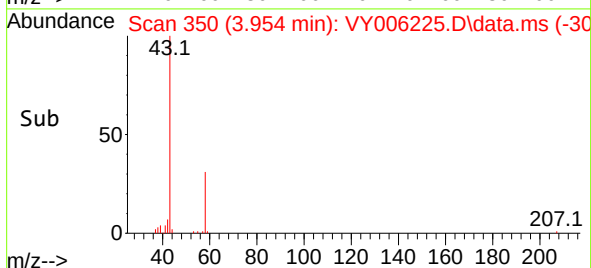
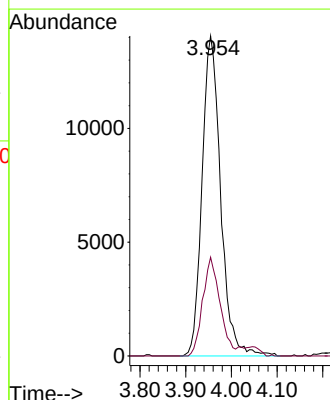
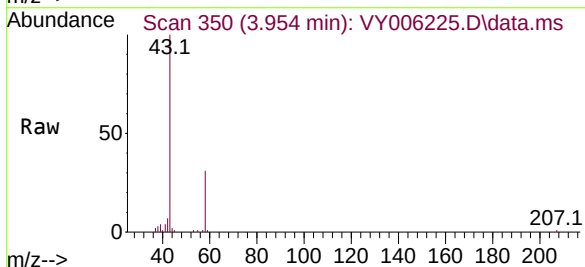
Instrument :
MSVOA_Y
ClientSampleId :

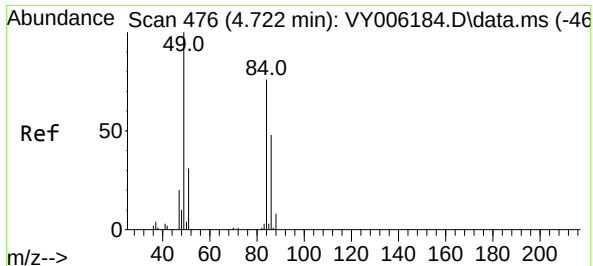
Tgt Ion:168 Resp: 138555
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 95.742 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion: 43 Resp: 39655
Ion Ratio Lower Upper
43 100
58 30.9 22.0 33.0





#20

Methylene Chloride

Concen: 1.154 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY006225.D

Acq: 29 Sep 2021 19:57

Tgt Ion: 84 Resp: 6870

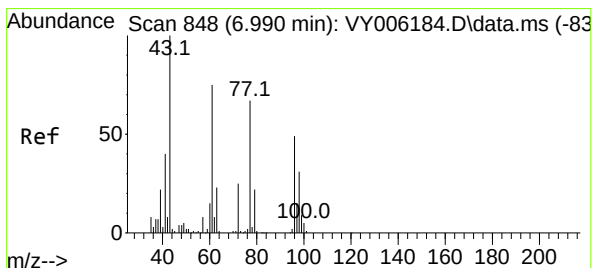
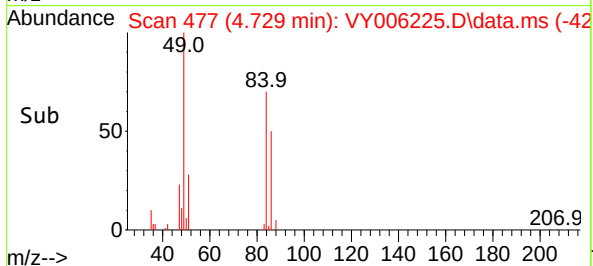
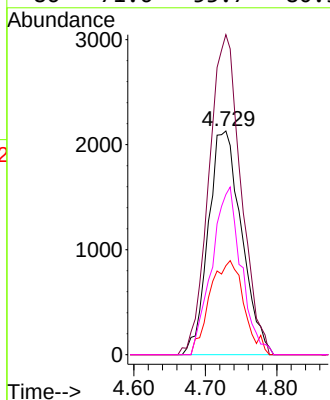
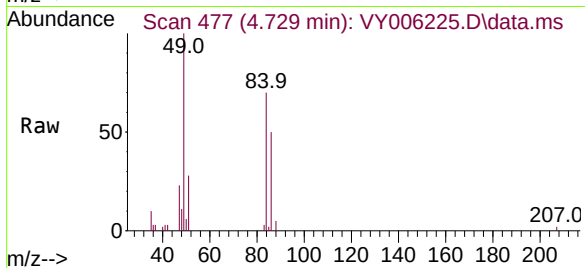
Ion Ratio Lower Upper

84 100

49 143.1 114.4 171.6

51 39.8 35.3 52.9

86 71.6 53.7 80.5



#25

2-Butanone

Concen: 11.620 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006225.D

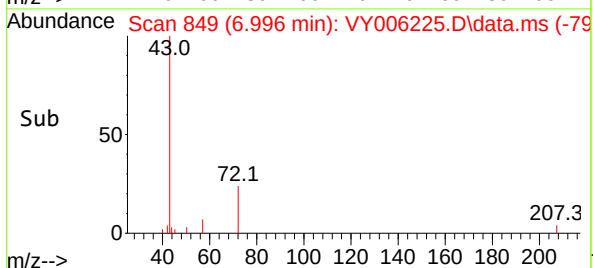
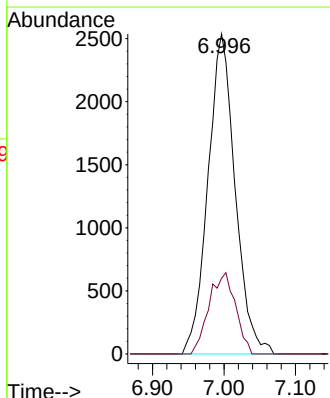
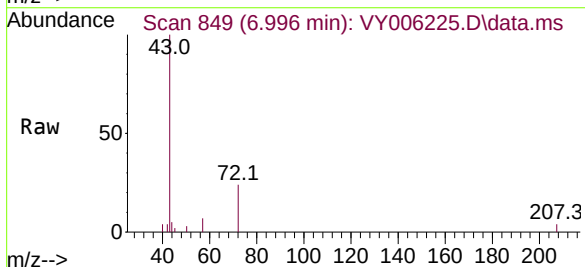
Acq: 29 Sep 2021 19:57

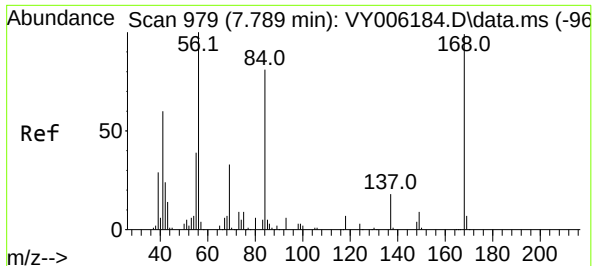
Tgt Ion: 43 Resp: 6704

Ion Ratio Lower Upper

43 100

72 23.6 17.7 26.5

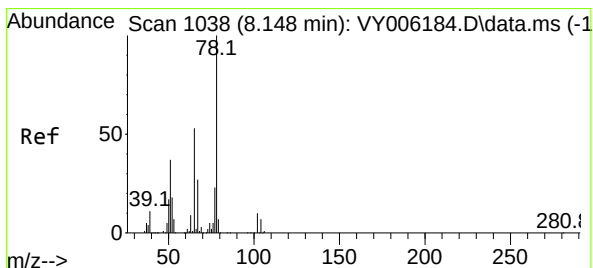
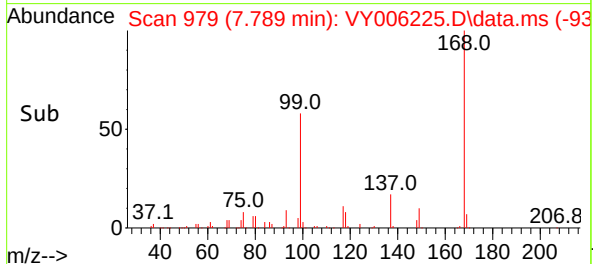
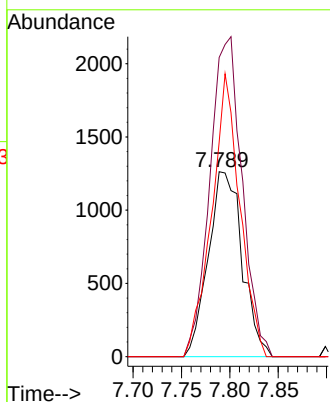
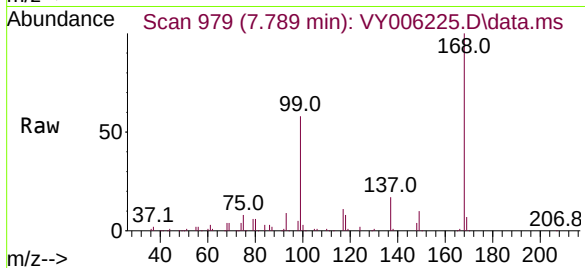




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

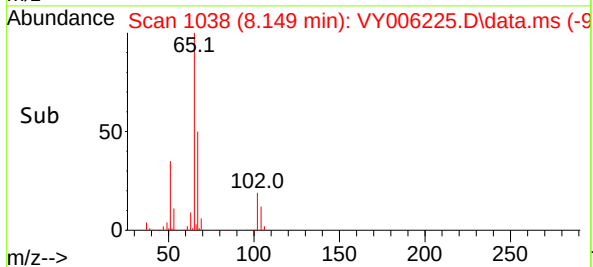
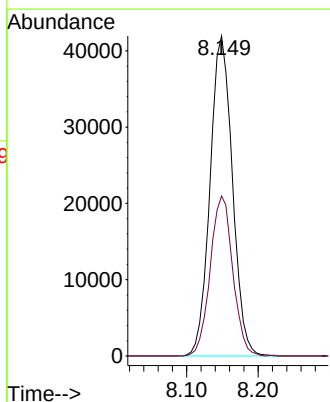
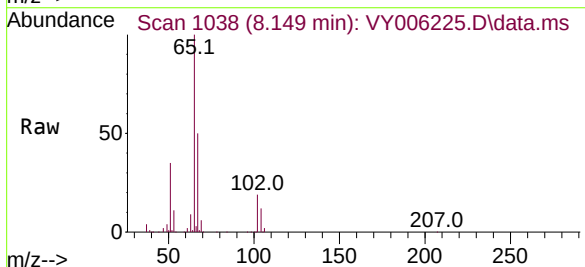
Instrument :
MSVOA_Y
ClientSampleId :

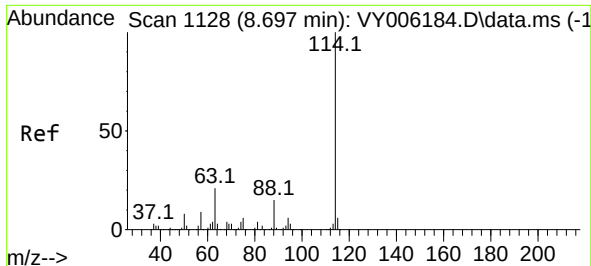
Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 161.8 26.7 40.1#
84 116.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.362 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion: 65 Resp: 90997
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4

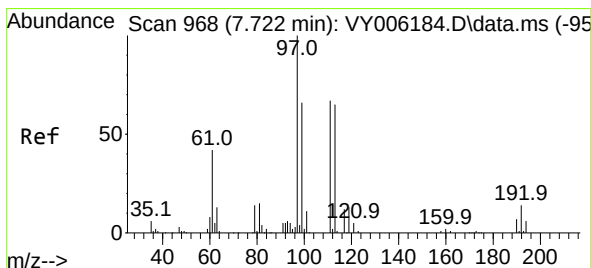
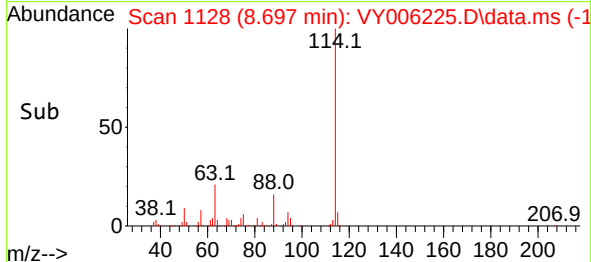
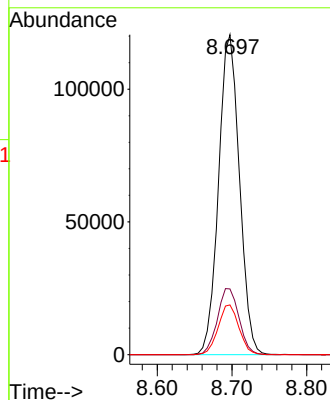
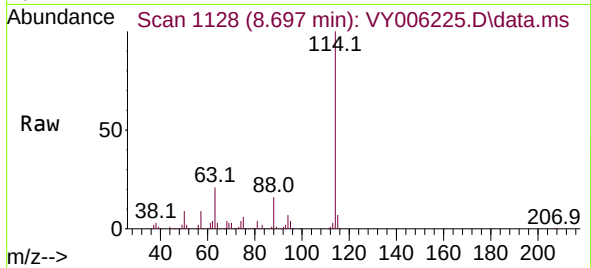




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

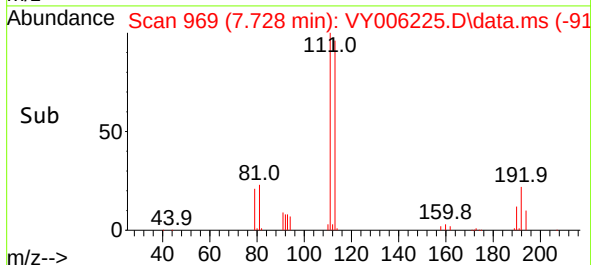
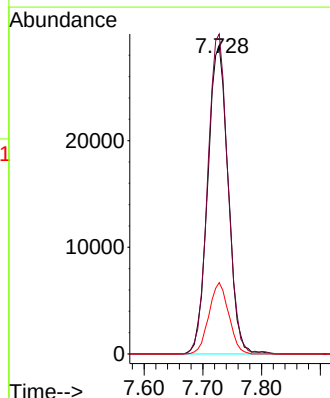
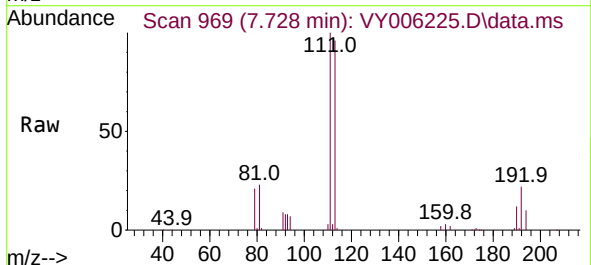
Instrument :
MSVOA_Y
ClientSampleId :

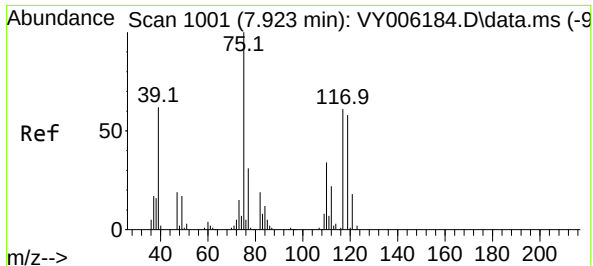
Tgt Ion:114	Resp:	234309
Ion Ratio	Lower	Upper
114	100	
63	20.6	0.0 43.2
88	15.6	0.0 31.8



#35
Dibromofluoromethane
Concen: 55.679 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

Tgt Ion:113	Resp:	69700
Ion Ratio	Lower	Upper
113	100	
111	102.5	82.6 124.0
192	22.5	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.601 ug/l

RT: 7.801 min Scan# 981

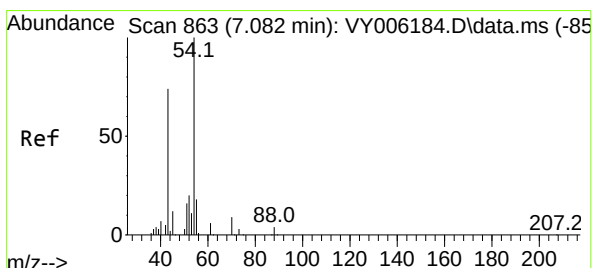
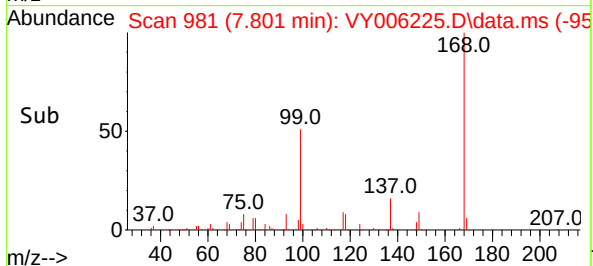
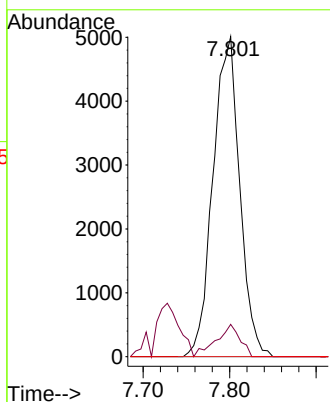
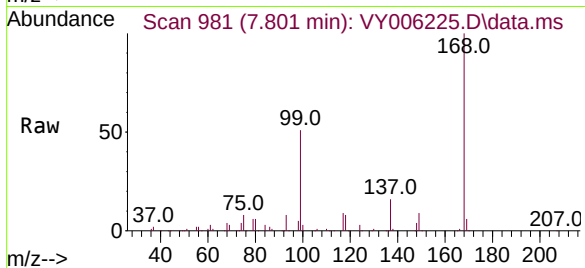
Delta R.T. -0.122 min

Lab File: VY006225.D

Acq: 29 Sep 2021 19:57

Tgt Ion:	75	Resp:	10727
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#37

Ethyl Acetate

Concen: 4.936 ug/l

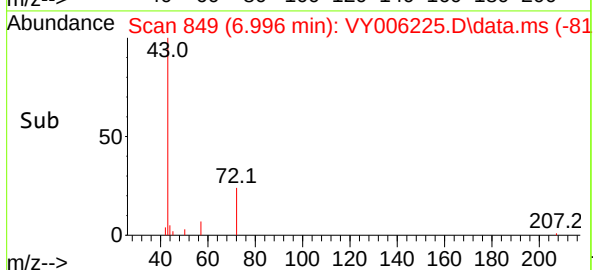
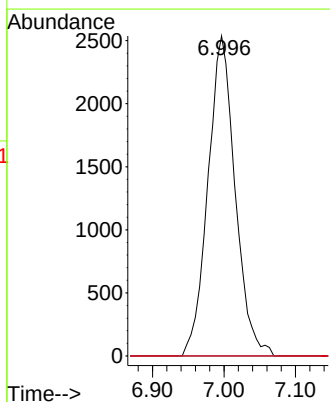
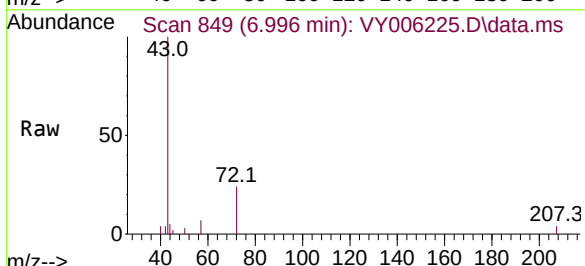
RT: 6.996 min Scan# 849

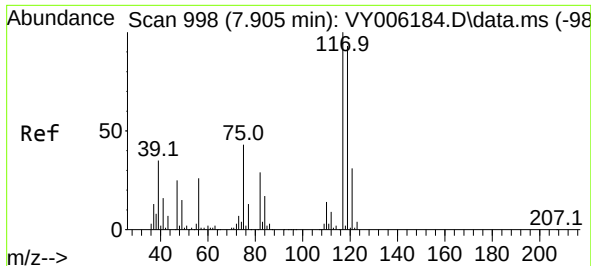
Delta R.T. -0.085 min

Lab File: VY006225.D

Acq: 29 Sep 2021 19:57

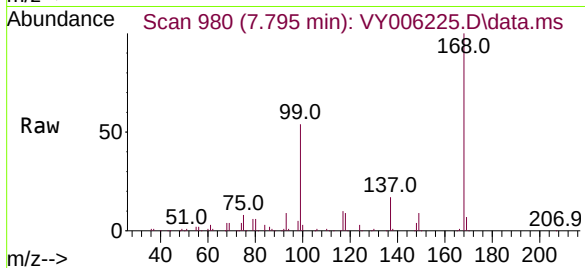
Tgt Ion:	43	Resp:	6704
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



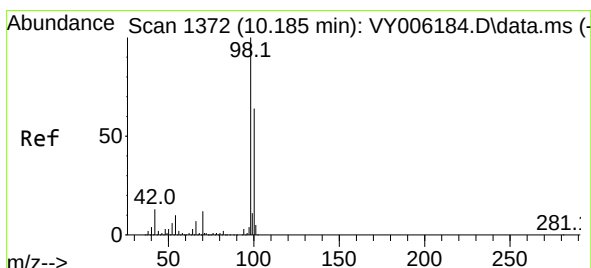
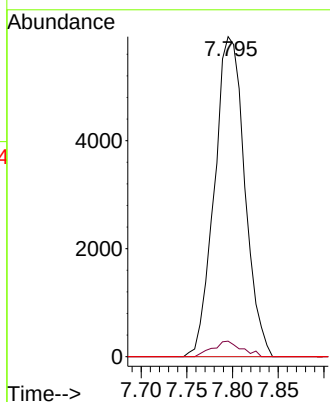
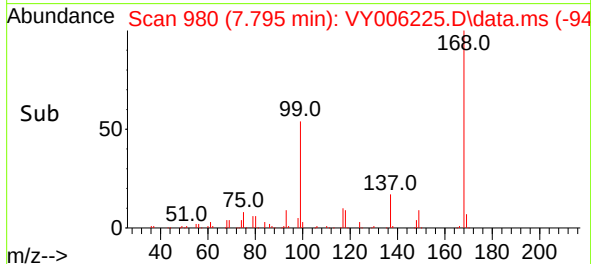


#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

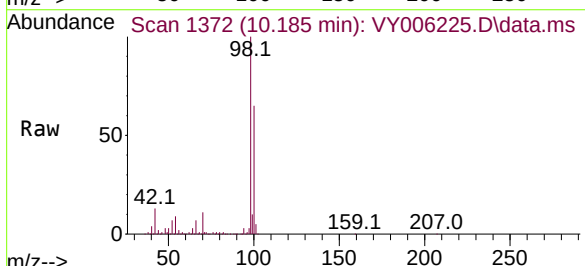
Instrument :
MSVOA_Y
ClientSampleId :



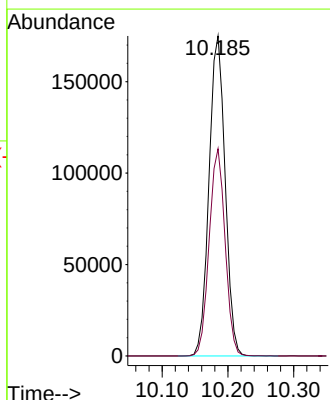
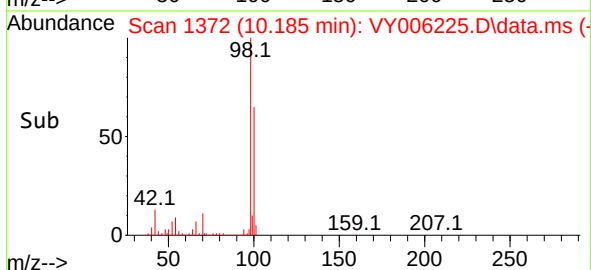
Tgt Ion:117 Resp: 13647
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

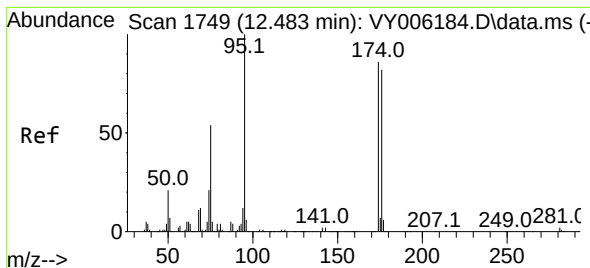


#50
Toluene-d8
Concen: 56.975 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57



Tgt Ion: 98 Resp: 298498
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

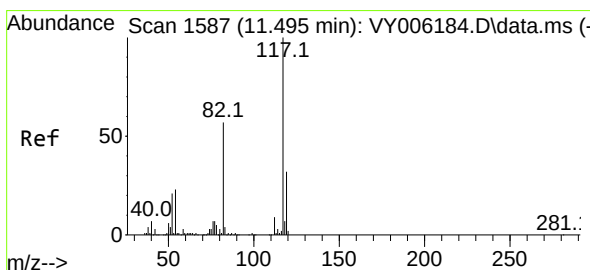
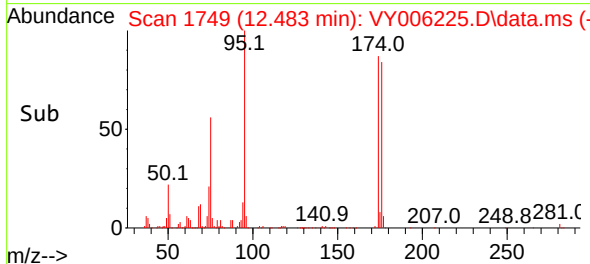
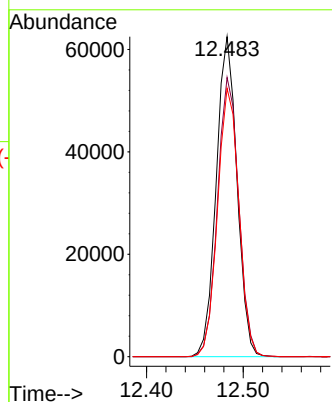
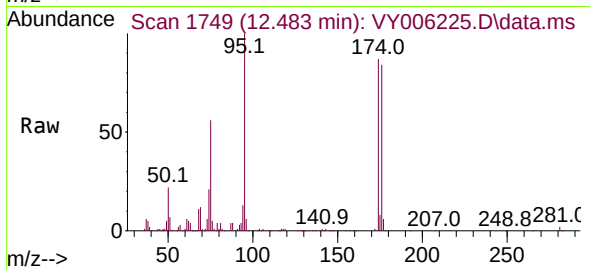




#62
4-Bromofluorobenzene
Concen: 52.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

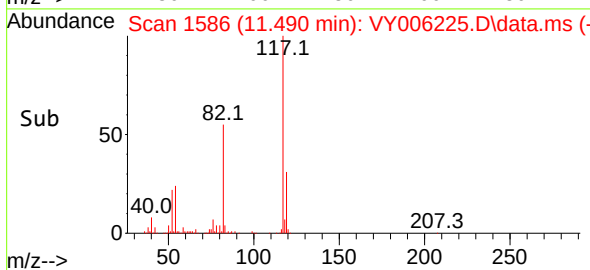
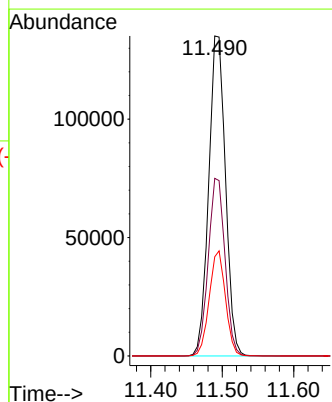
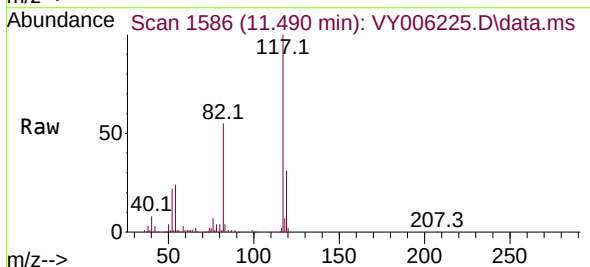
Instrument :
MSVOA_Y
ClientSampleId :

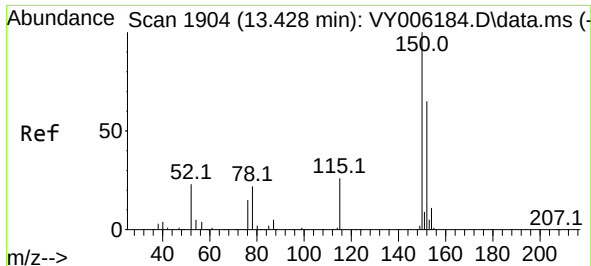
Tgt Ion: 95 Resp: 93102
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006225.D
Acq: 29 Sep 2021 19:57

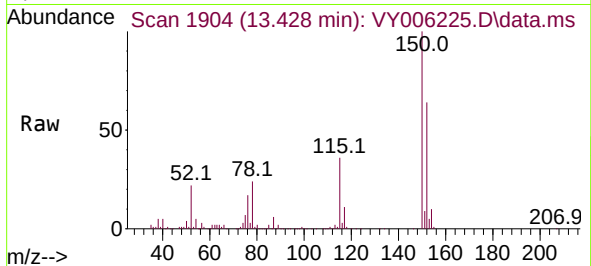
Tgt Ion: 117 Resp: 220260
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.0 25.4 38.0



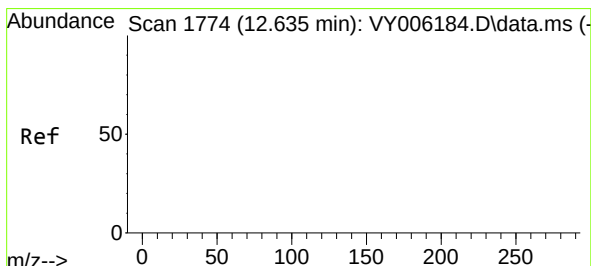
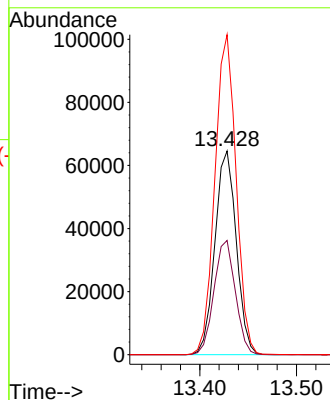
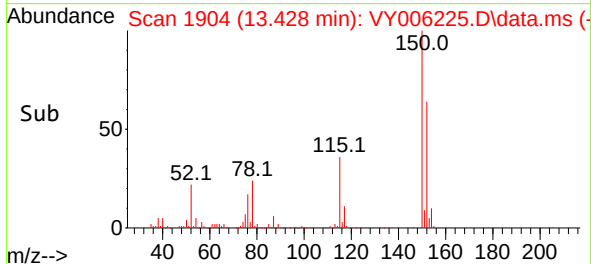


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006225.D
 Acq: 29 Sep 2021 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :

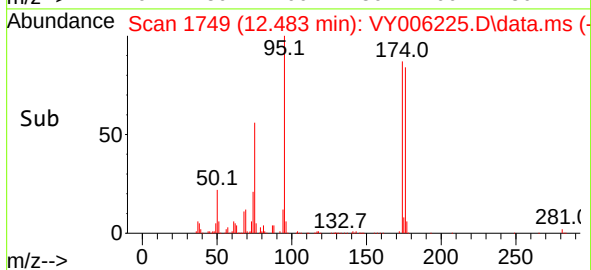
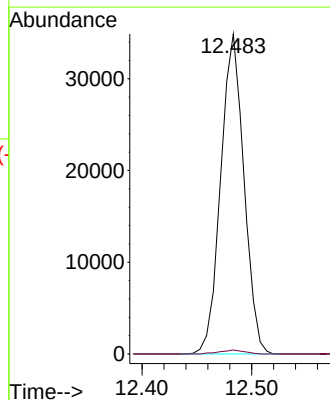
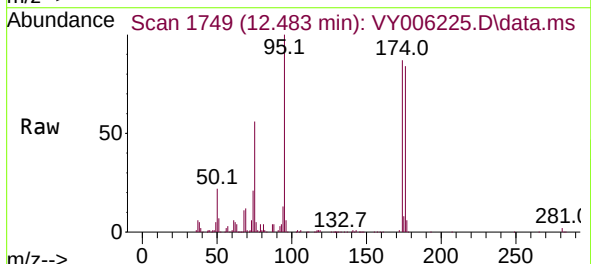


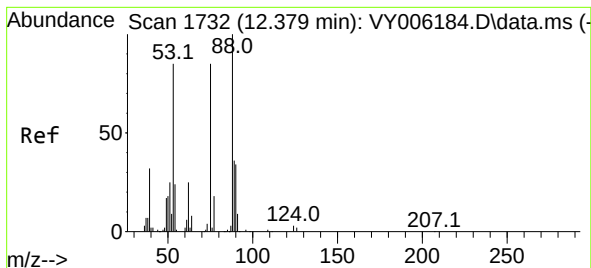
Tgt Ion:152 Resp: 99020
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.343 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006225.D
 Acq: 29 Sep 2021 19:57

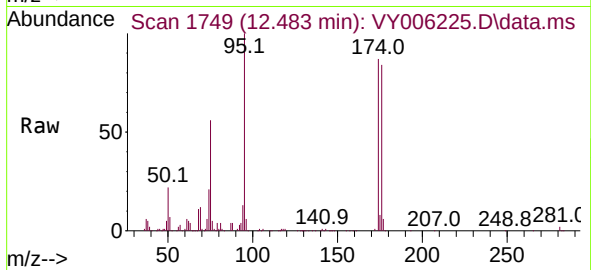
Tgt Ion: 75 Resp: 51339
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.828 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006225.D
 Acq: 29 Sep 2021 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :



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

