

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006412.D
 Acq On : 15 Oct 2021 17:24
 Operator : SY/MD
 Sample : M4249-10
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:46:16 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)

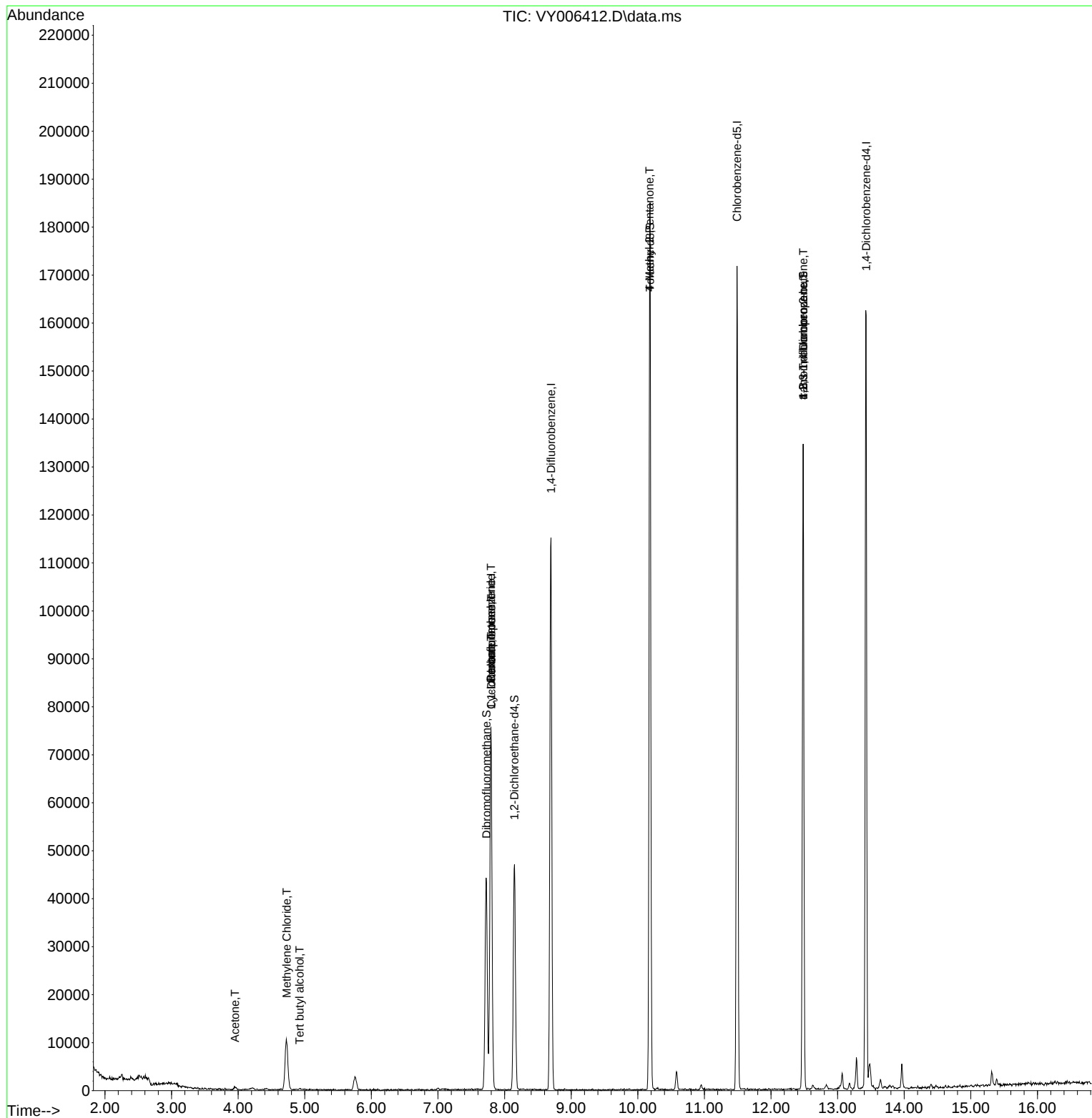
Internal Standards						
1) Pentafluorobenzene	7.795	168	59466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	94914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	89236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39692	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.728	113	29393	57.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.920%	
50) Toluene-d8	10.185	98	121480	57.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.480%	
62) 4-Bromofluorobenzene	12.483	95	36099	50.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	87	1.563	ug/l #	77
16) Acetone	3.954	43	1054	5.929	ug/l #	74
20) Methylene Chloride	4.729	84	7202	8.657	ug/l	96
31) Cyclohexane	7.801	56	1303	1.081	ug/l #	20
36) 1,1-Dichloropropene	7.801	75	4504	4.769	ug/l #	52
38) Carbon Tetrachloride	7.795	117	5871	5.888	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	629	1.148	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	20208	50.978	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20208	100.178	ug/l #	7

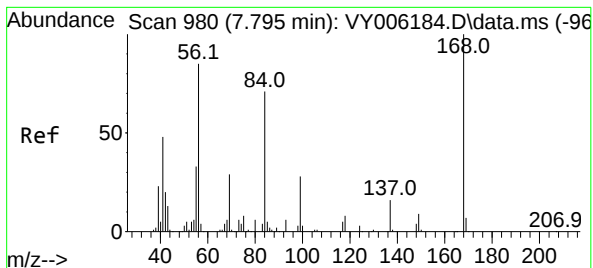
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY006412.D

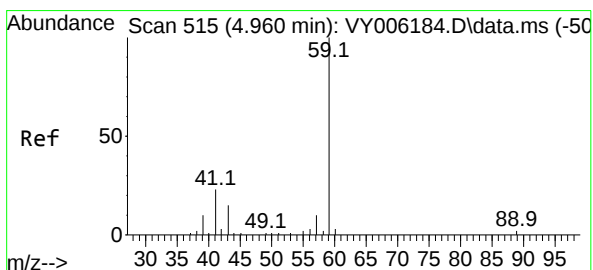
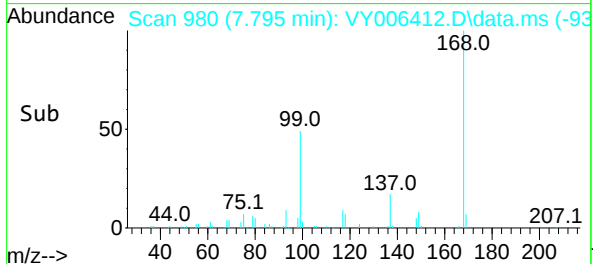
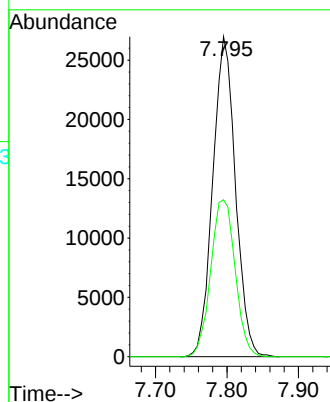
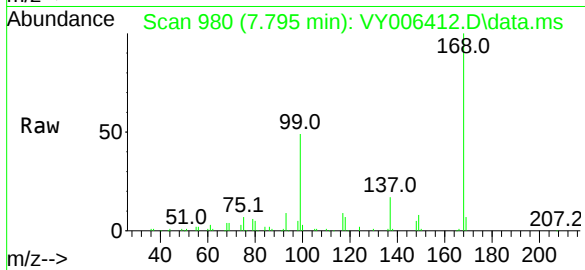
Acq: 15 Oct 2021 17:24

Tgt Ion:168 Resp: 59466

Ion Ratio Lower Upper

168 100

99 49.1 46.9 70.3



#11

Tert butyl alcohol

Concen: 1.563 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.036 min

Lab File: VY006412.D

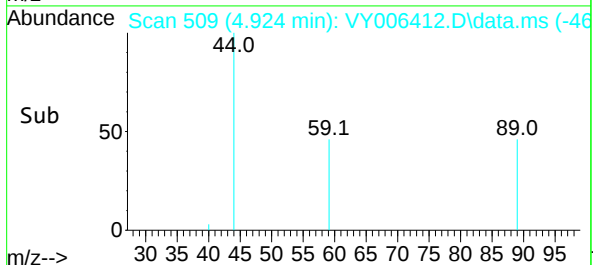
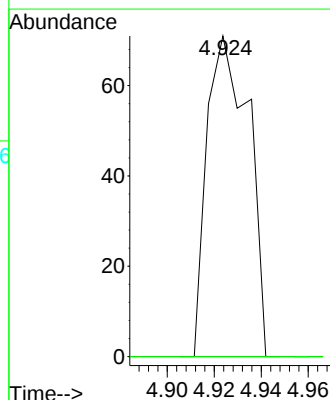
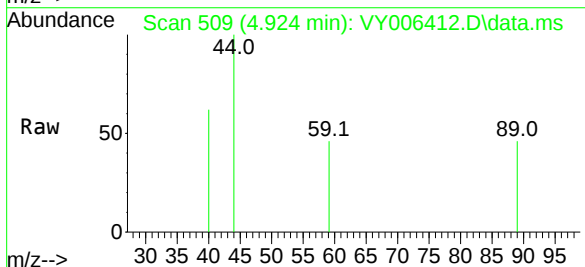
Acq: 15 Oct 2021 17:24

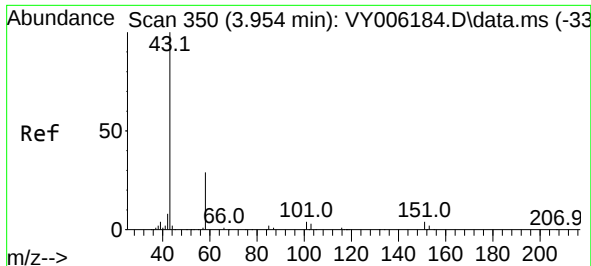
Tgt Ion: 59 Resp: 87

Ion Ratio Lower Upper

59 100

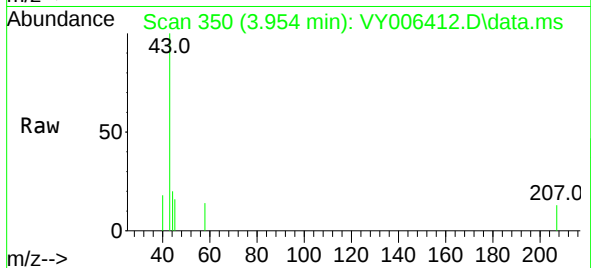
57 0.0 6.4 9.6#



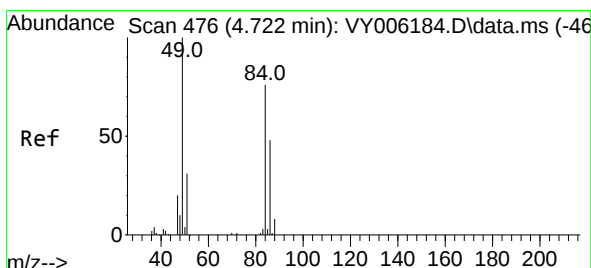
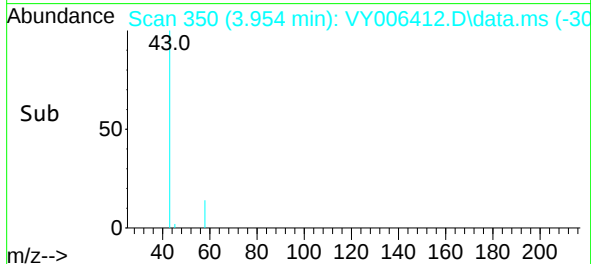
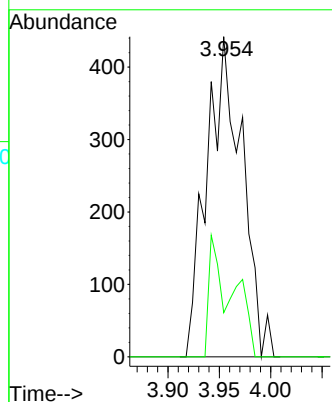


#16
Acetone
Concen: 5.929 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Instrument :
MSVOA_Y
ClientSampleId :

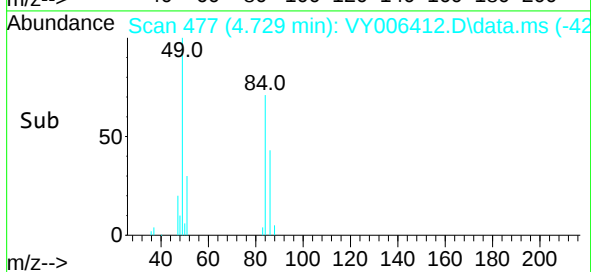
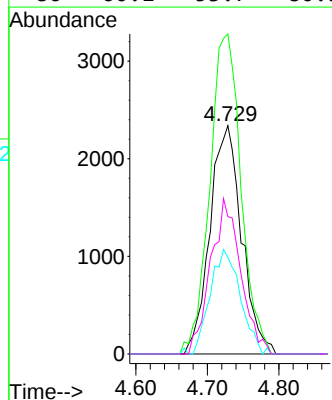
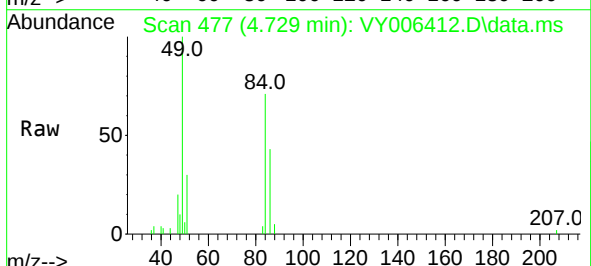


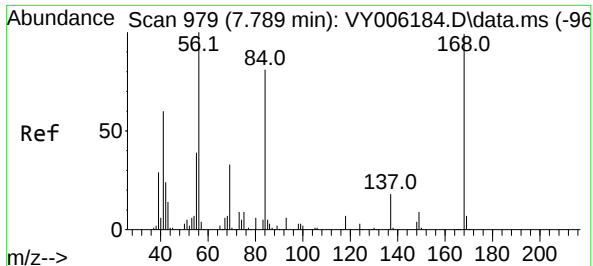
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 13.8 22.0 33.0#



#20
Methylene Chloride
Concen: 8.657 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

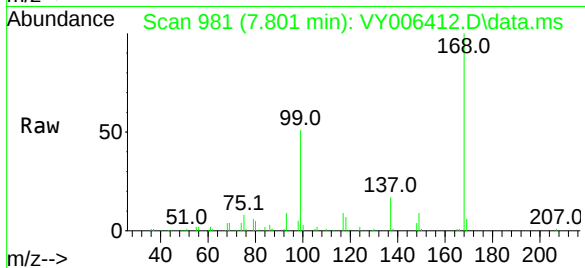
Tgt Ion: 84 Resp: 7202
Ion Ratio Lower Upper
84 100
49 140.1 114.4 171.6
51 42.4 35.3 52.9
86 60.1 53.7 80.5



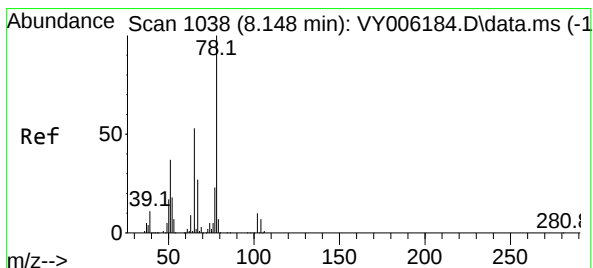
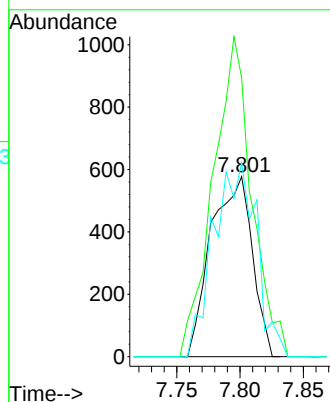
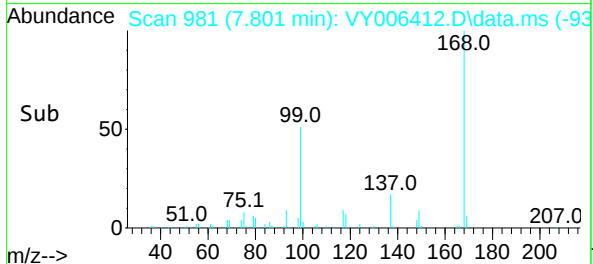


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

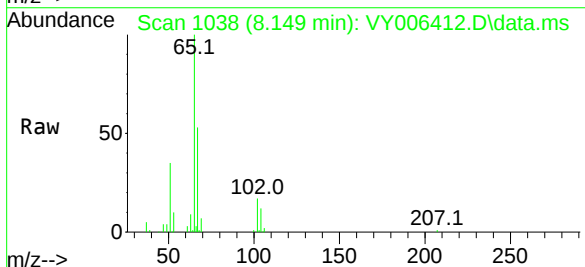
Instrument :
MSVOA_Y
ClientSampled :



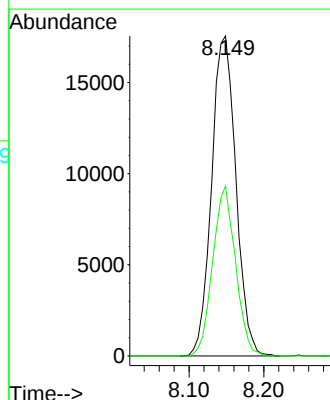
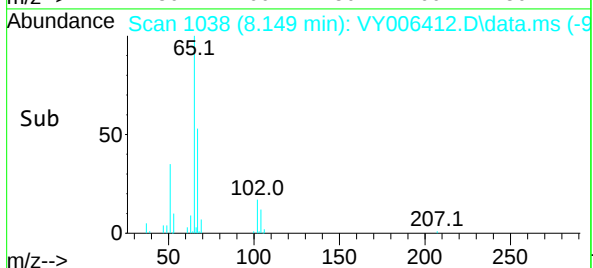
Tgt Ion: 56 Resp: 1303
Ion Ratio Lower Upper
56 100
69 154.9 26.7 40.1#
84 107.8 67.2 100.8#

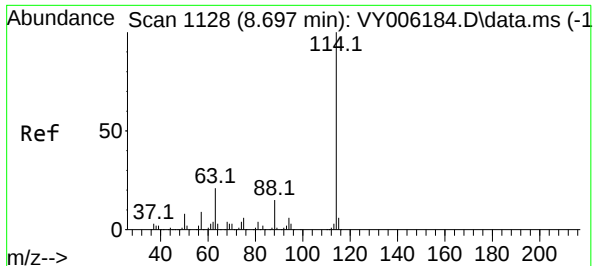


#33
1,2-Dichloroethane-d4
Concen: 62.364 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24



Tgt Ion: 65 Resp: 39692
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

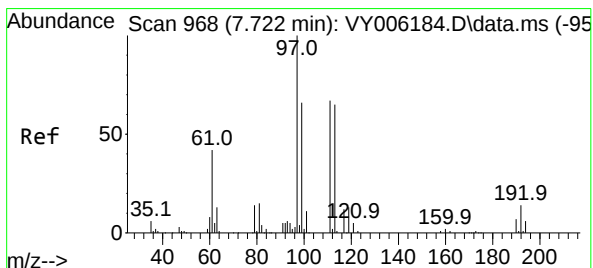
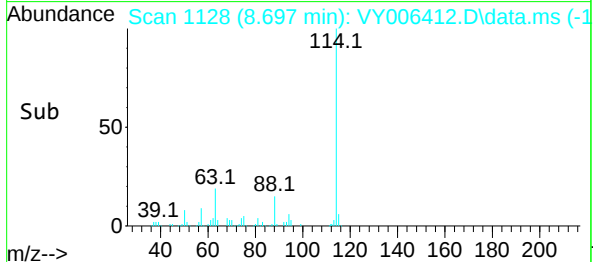
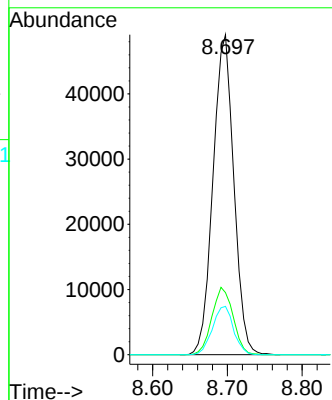
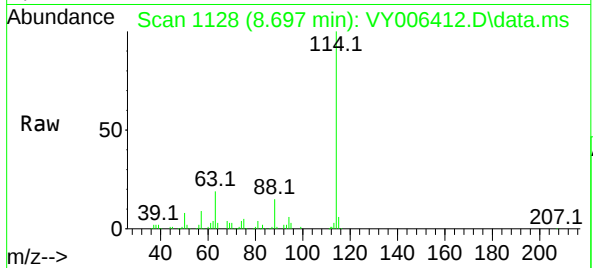




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

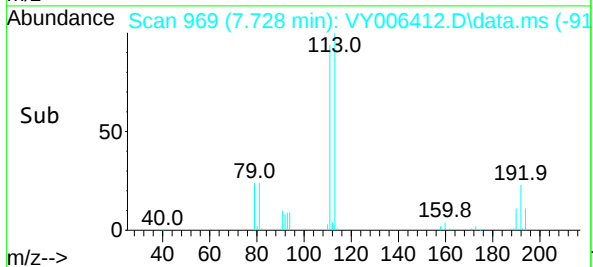
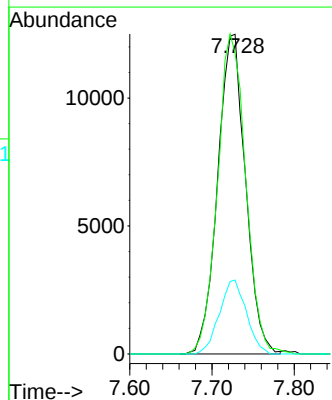
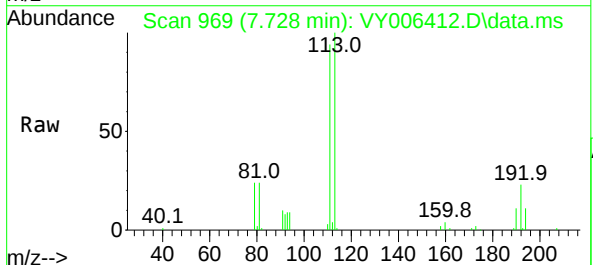
Instrument :
MSVOA_Y
ClientSampleId :

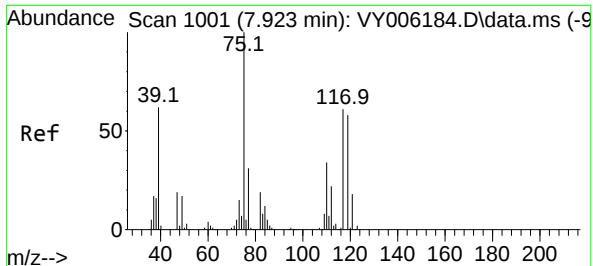
Tgt Ion:	114	Resp:	94914
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 57.964 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion:	113	Resp:	29393
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	22.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.801 min Scan# 981

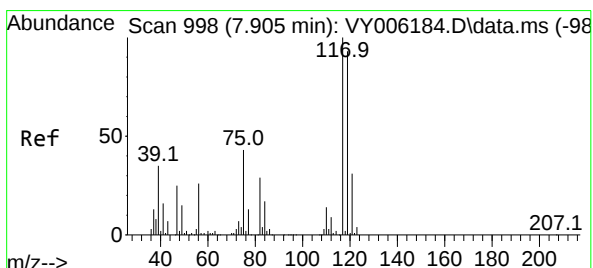
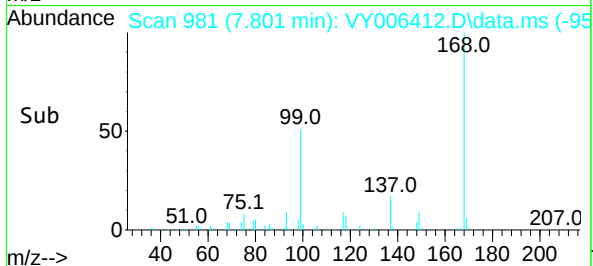
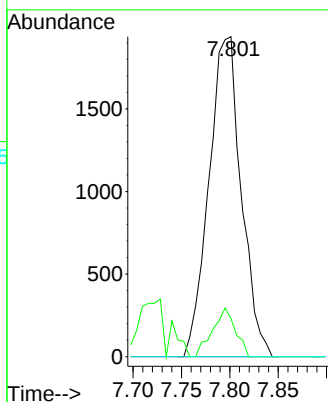
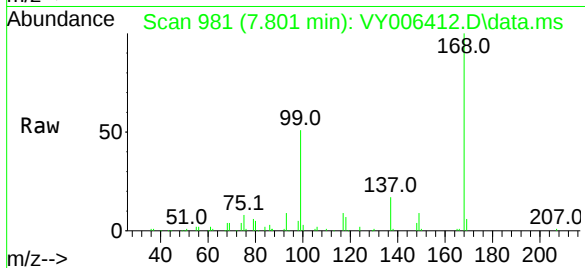
Delta R.T. -0.122 min

Lab File: VY006412.D

Acq: 15 Oct 2021 17:24

Tgt Ion:	75	Resp:	4504
Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.888 ug/l

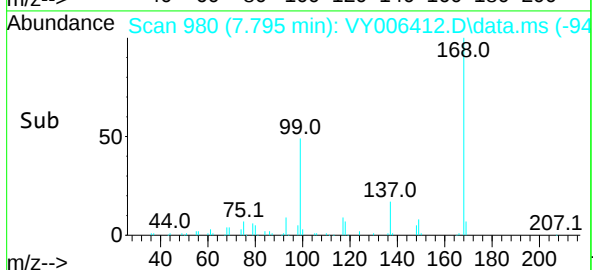
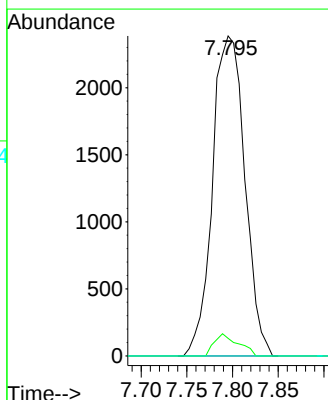
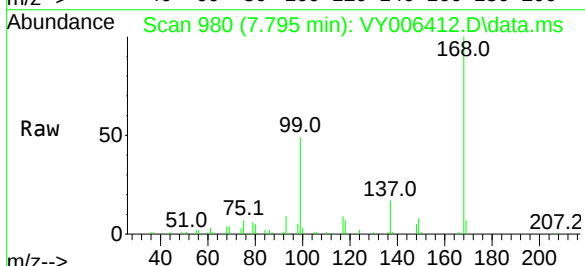
RT: 7.795 min Scan# 980

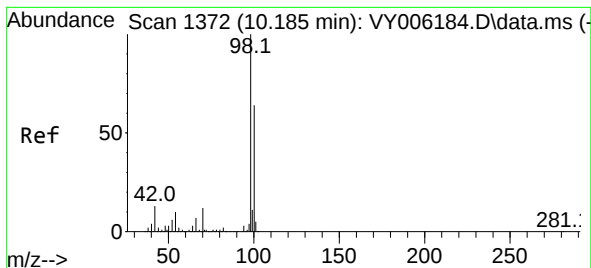
Delta R.T. -0.110 min

Lab File: VY006412.D

Acq: 15 Oct 2021 17:24

Tgt Ion:	117	Resp:	5871
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#

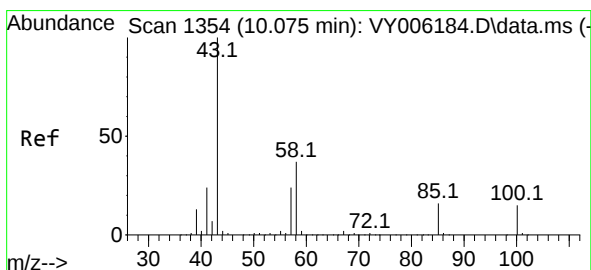
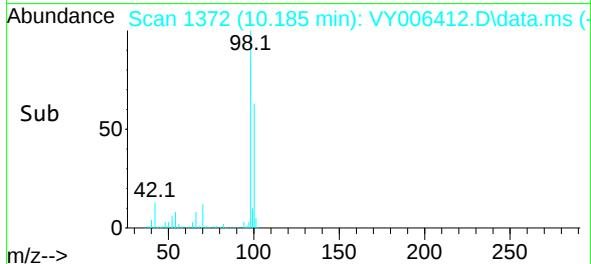
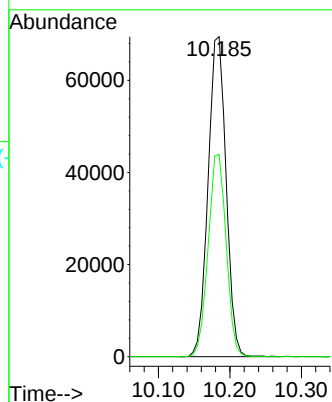
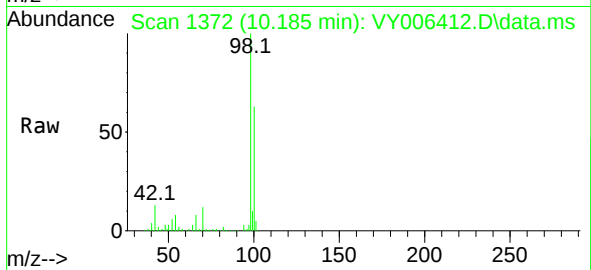




#50
Toluene-d8
Concen: 57.241 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

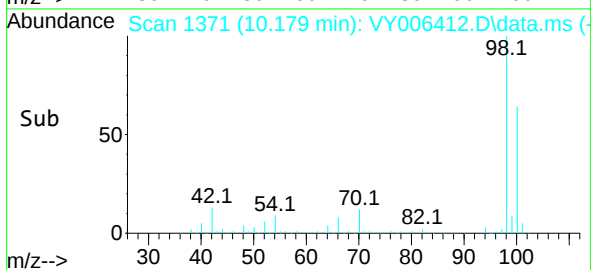
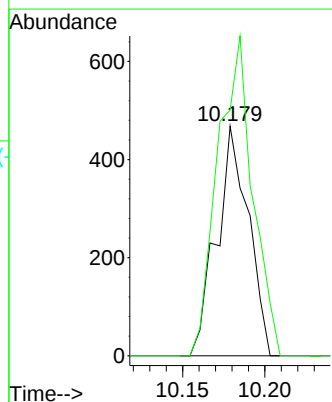
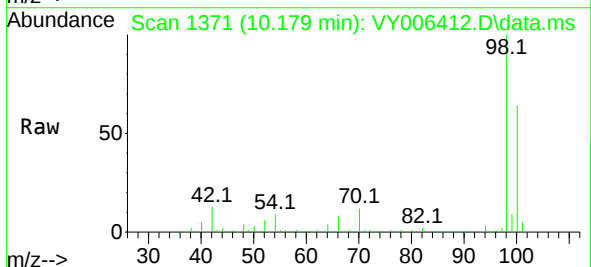
Instrument :
MSVOA_Y
ClientSampleId :

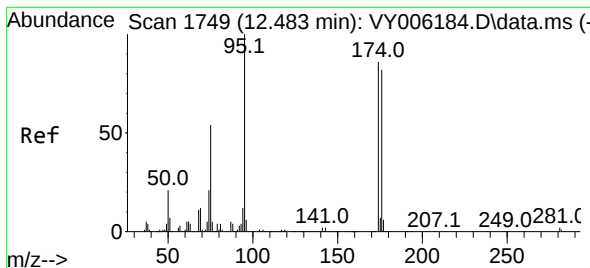
Tgt Ion: 98 Resp: 121480
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.148 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 153.4 28.1 42.1#

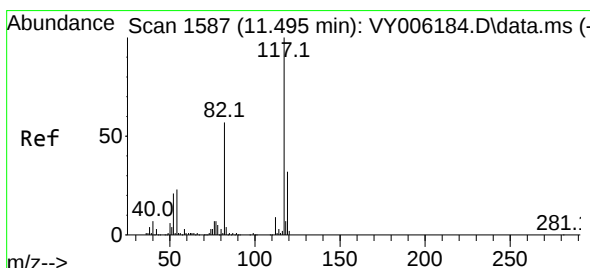
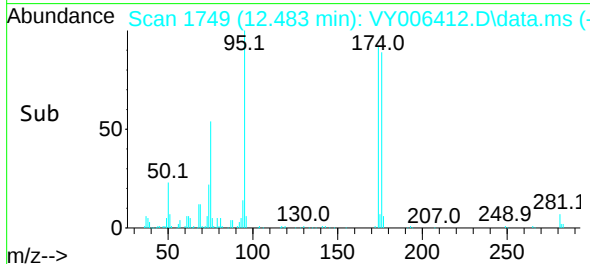
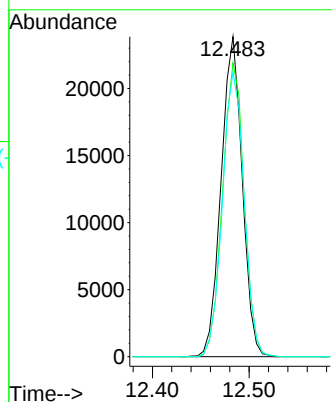
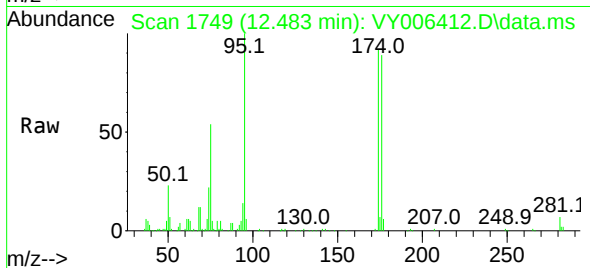




#62
4-Bromofluorobenzene
Concen: 50.071 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

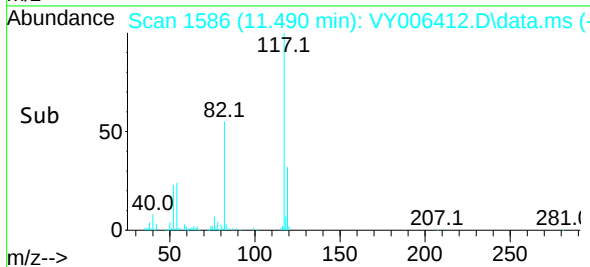
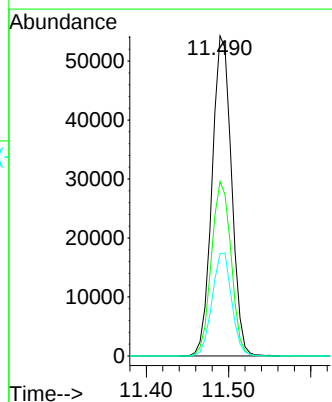
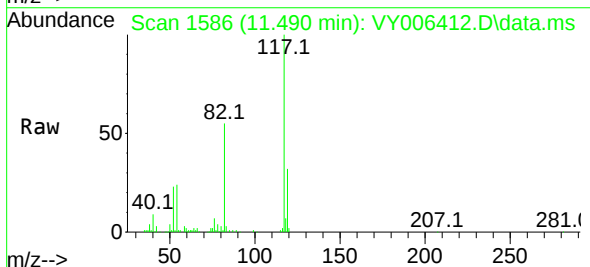
Instrument :
MSVOA_Y
ClientSampleId :

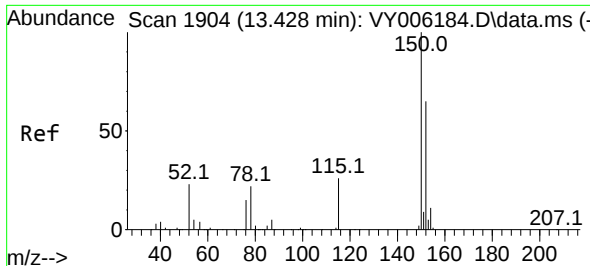
Tgt Ion: 95 Resp: 36099
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 91.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion: 117 Resp: 89236
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 25.4 38.0

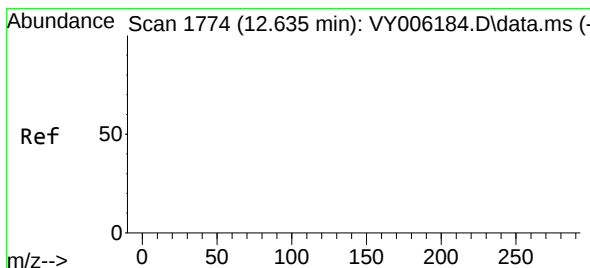
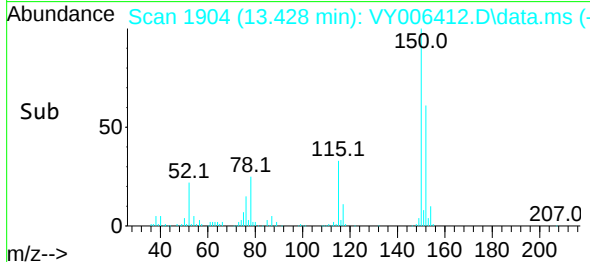
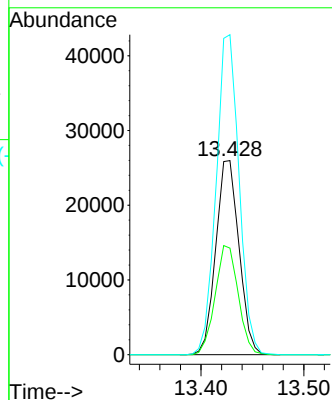
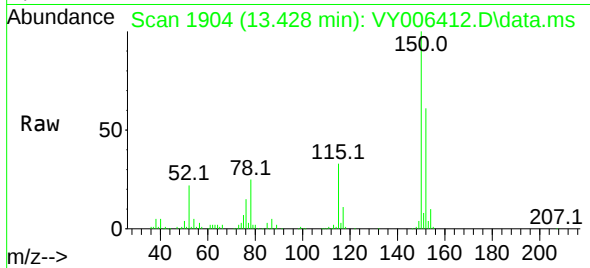




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006412.D
 Acq: 15 Oct 2021 17:24

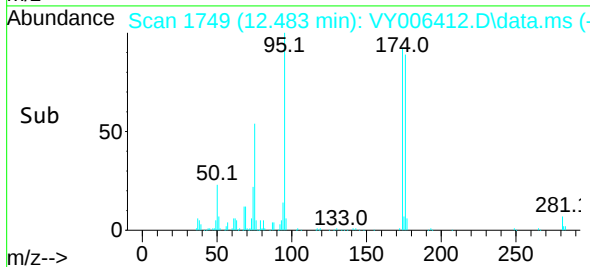
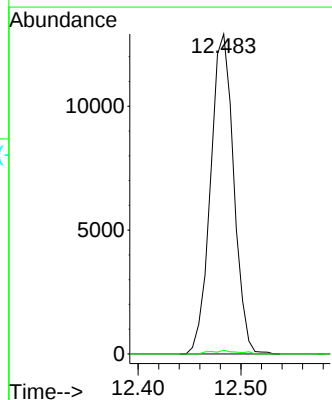
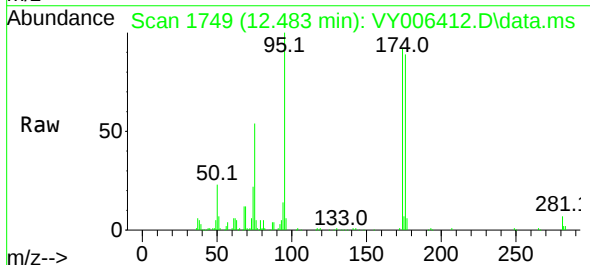
Instrument :
 MSVOA_Y
 ClientSampled :

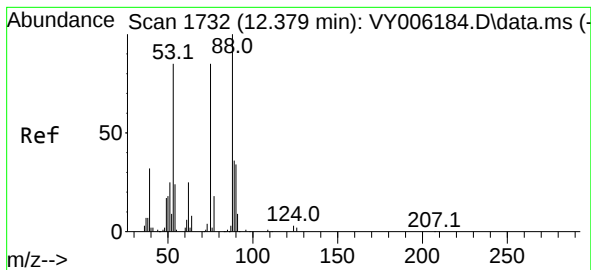
Tgt Ion:152 Resp: 40785
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 162.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.978 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006412.D
 Acq: 15 Oct 2021 17:24

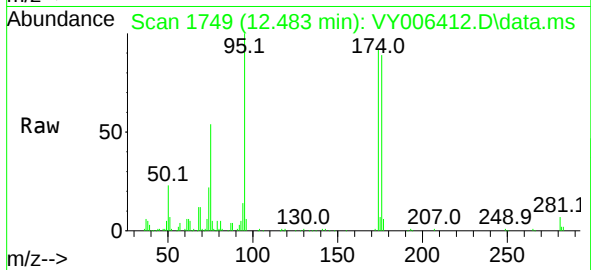
Tgt Ion: 75 Resp: 20208
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.178 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006412.D
 Acq: 15 Oct 2021 17:24

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#

