

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006107.D
 Acq On : 22 Sep 2021 16:38
 Operator : SY/MD
 Sample : M3871-02
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS02-BL-(0.0)

Quant Time: Sep 23 01:27:36 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)

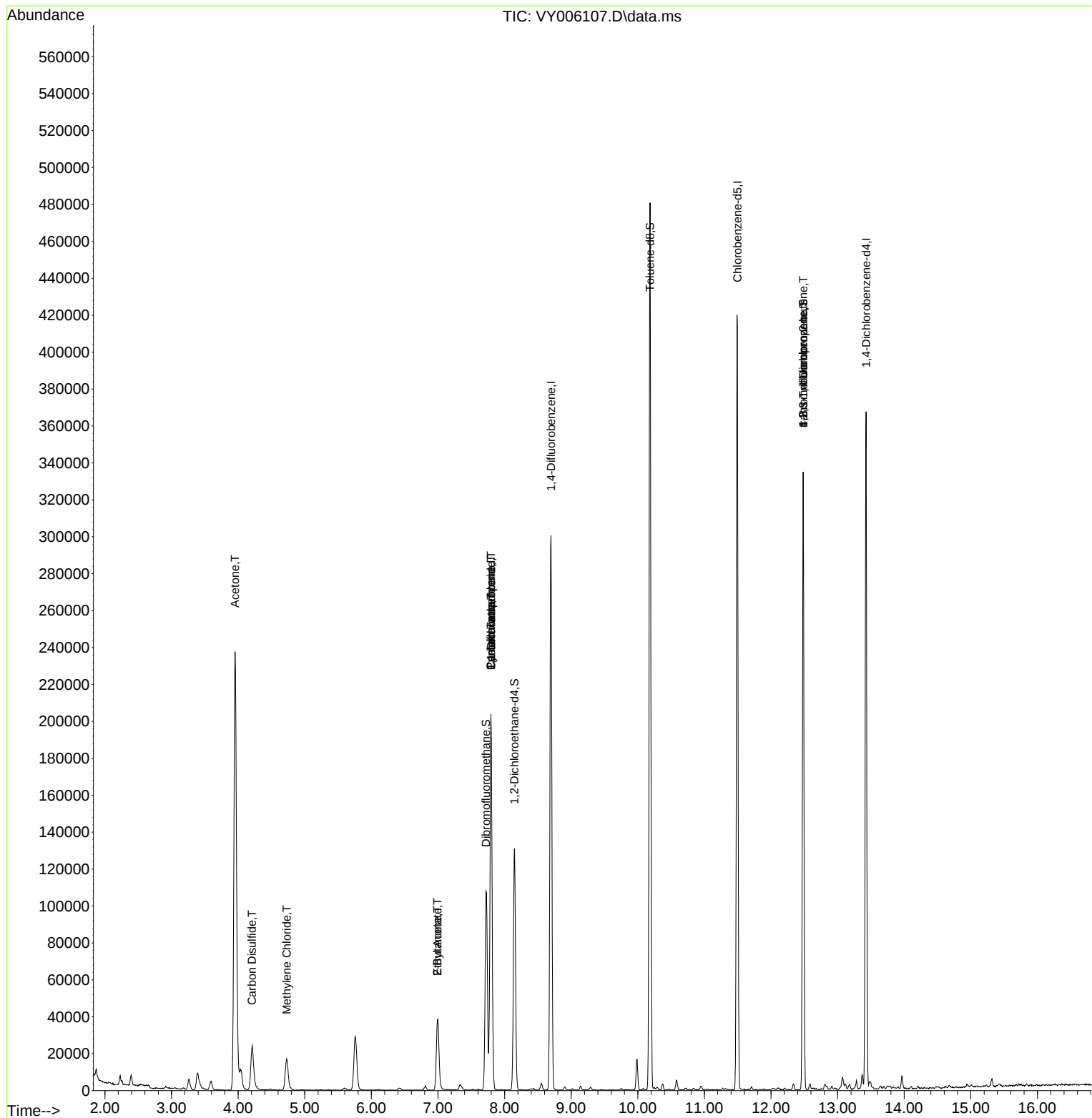
Internal Standards						
1) Pentafluorobenzene	7.795	168	154817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	218948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105850	49.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.722	113	75125	49.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.185	98	309708	47.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.483	95	91832	41.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	246	Below Cal	#	77
16) Acetone	3.954	43	427410	724.624	ug/l	98
17) Carbon Disulfide	4.204	76	10113	1.959	ug/l	96
20) Methylene Chloride	4.729	84	11582	1.814	ug/l	93
25) 2-Butanone	6.990	43	66352	81.618	ug/l	96
31) Cyclohexane	7.795	56	3544	1.029	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	12072	4.542	ug/l #	51
37) Ethyl Acetate	6.990	43	66352	36.140	ug/l #	72
38) Carbon Tetrachloride	7.795	117	14654	5.065	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	52542	53.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52542	98.807	ug/l #	7

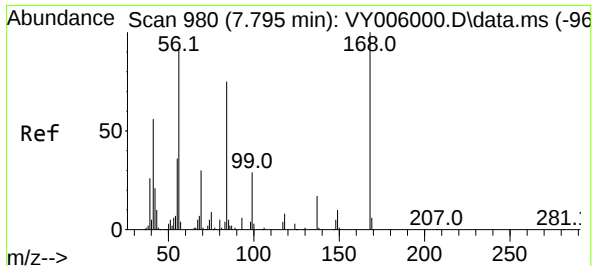
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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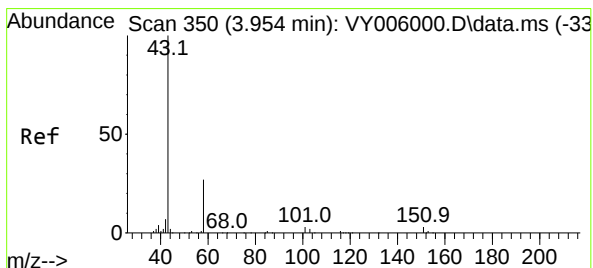
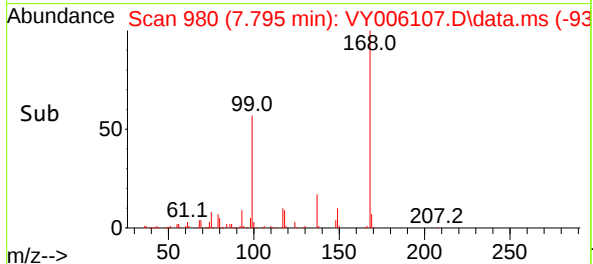
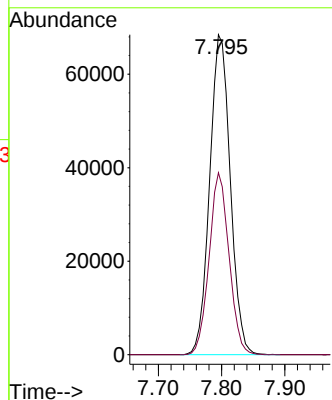
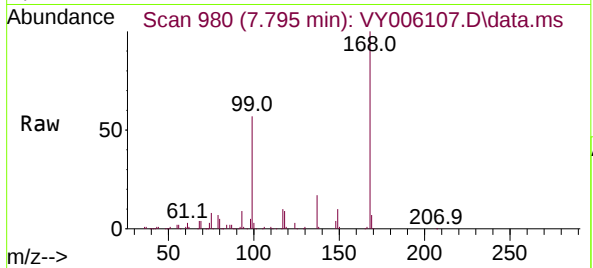




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

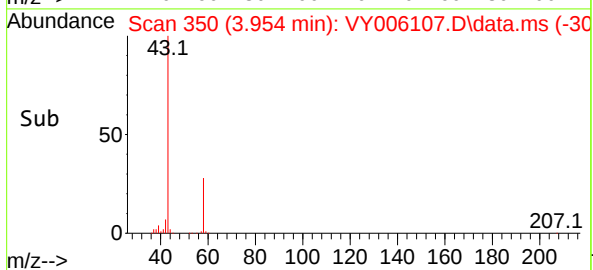
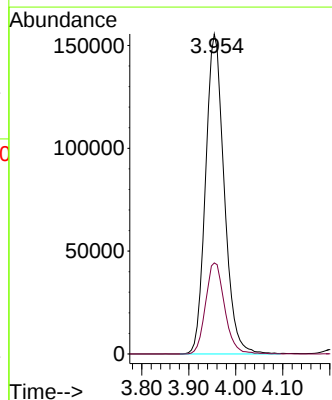
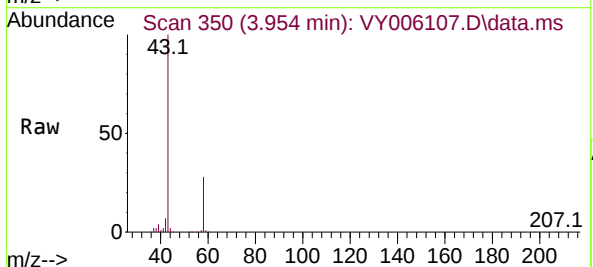
Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

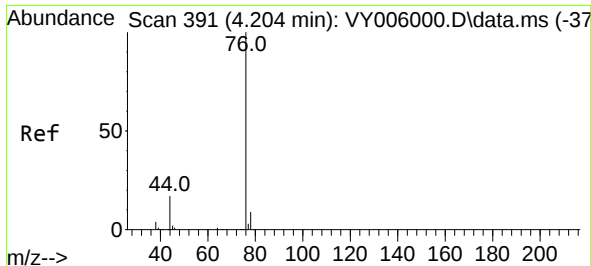
Tgt Ion:168 Resp: 154817
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#16
Acetone
Concen: 724.624 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion: 43 Resp: 427410
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0

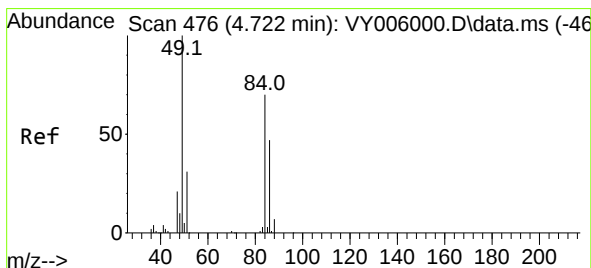
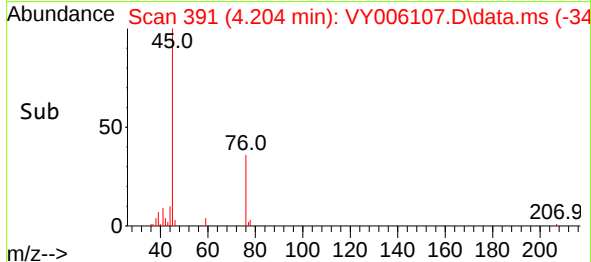
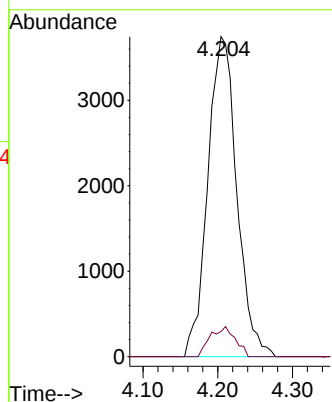
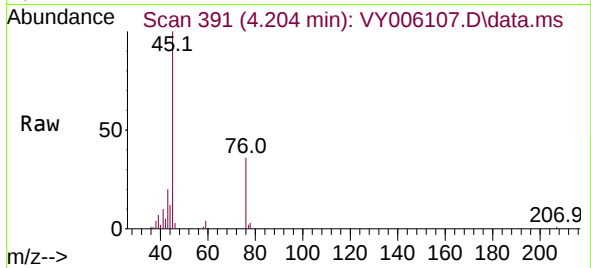




#17
Carbon Disulfide
Concen: 1.959 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

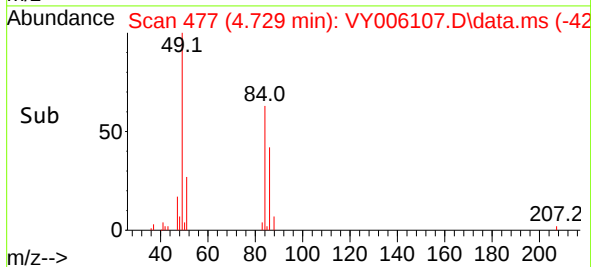
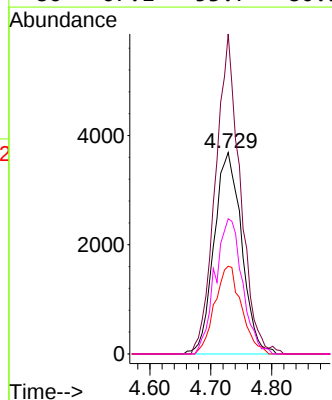
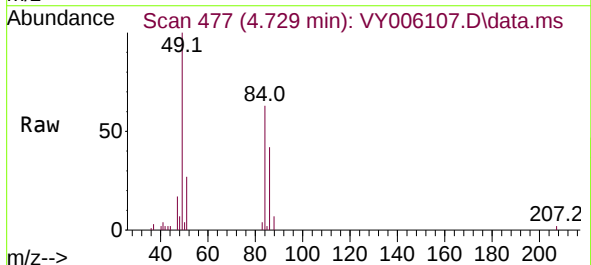
Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

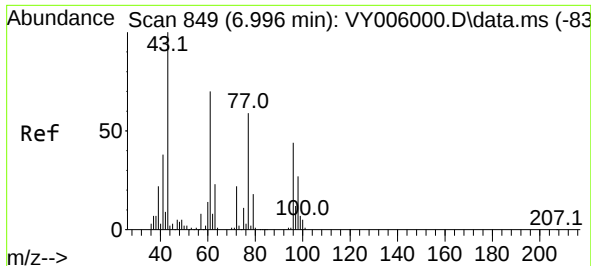
Tgt Ion: 76 Resp: 10113
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#20
Methylene Chloride
Concen: 1.814 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion: 84 Resp: 11582
Ion Ratio Lower Upper
84 100
49 158.9 114.4 171.6
51 43.5 35.3 52.9
86 67.1 53.7 80.5





#25

2-Butanone

Concen: 81.618 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006107.D

Acq: 22 Sep 2021 16:38

Instrument :

MSVOA_Y

ClientSampleId :

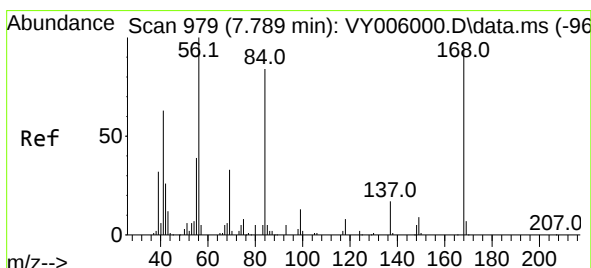
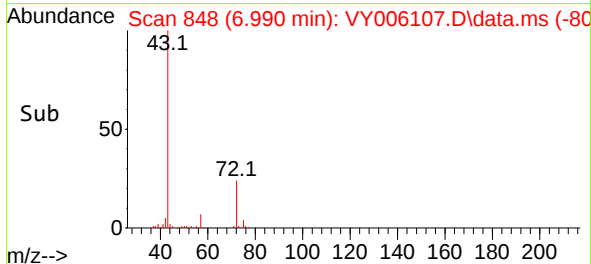
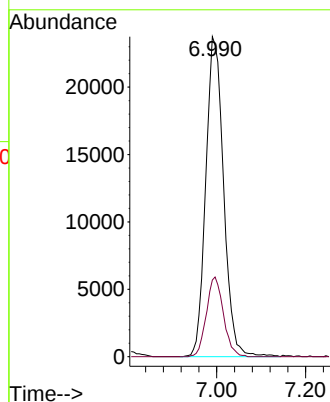
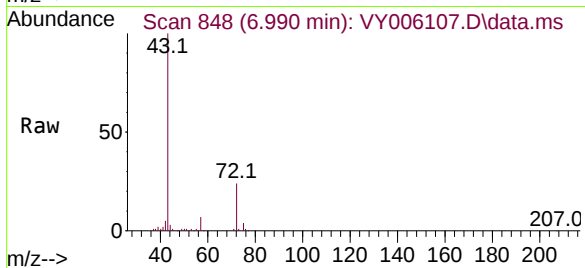
SS02-BL-(0.0)

Tgt Ion: 43 Resp: 66352

Ion Ratio Lower Upper

43 100

72 24.0 17.7 26.5



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006107.D

Acq: 22 Sep 2021 16:38

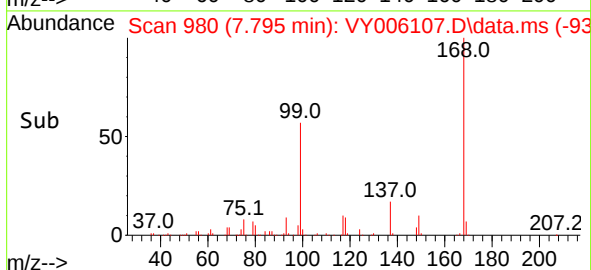
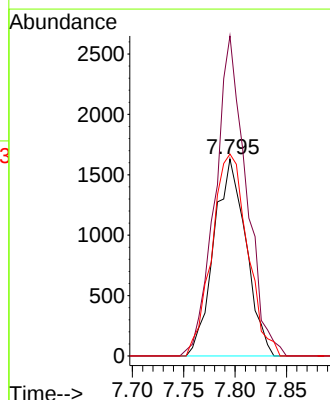
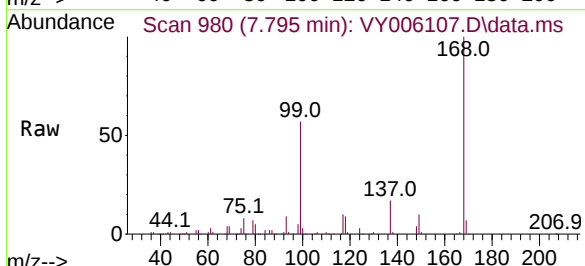
Tgt Ion: 56 Resp: 3544

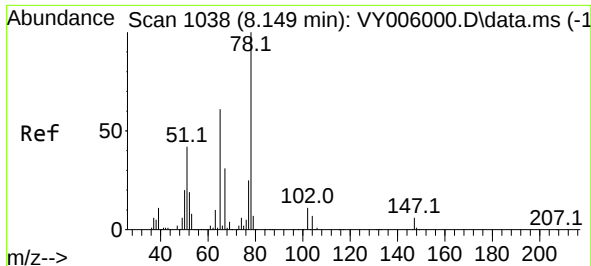
Ion Ratio Lower Upper

56 100

69 162.4 26.7 40.1#

84 102.5 67.2 100.8#

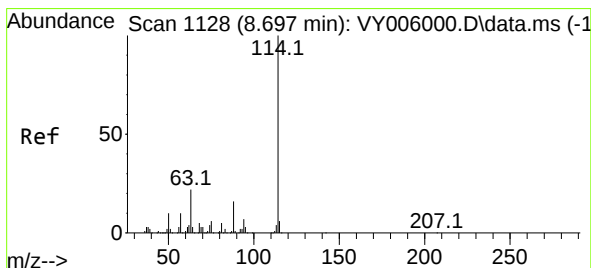
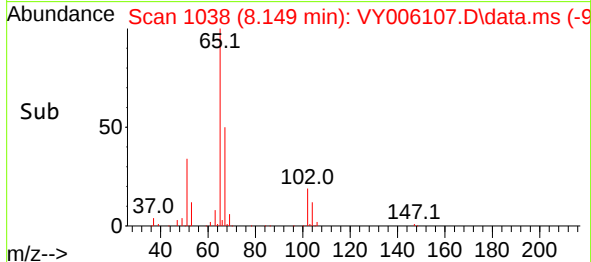
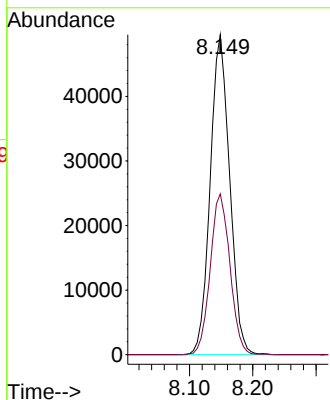
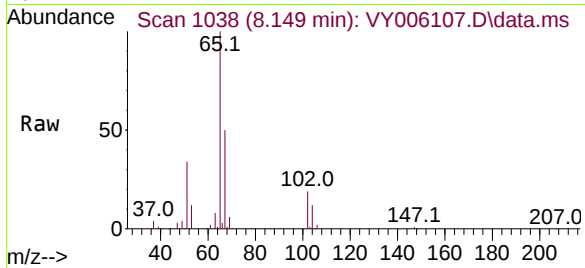




#33
 1,2-Dichloroethane-d4
 Concen: 49.221 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006107.D
 Acq: 22 Sep 2021 16:38

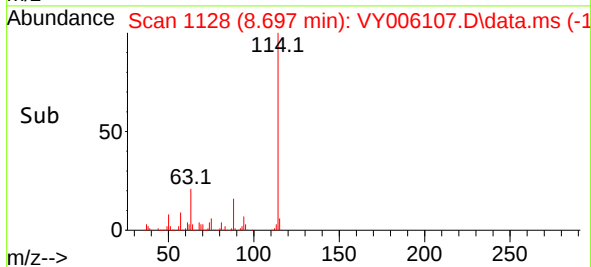
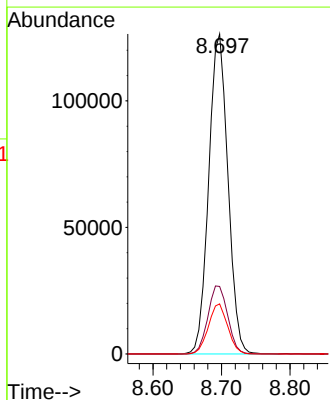
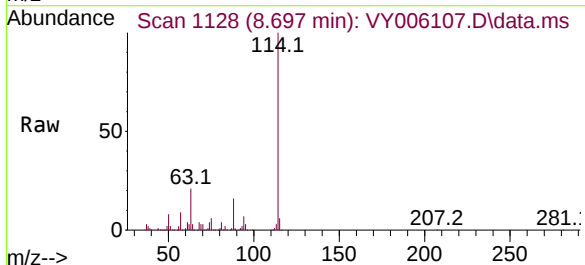
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS02-BL-(0.0)

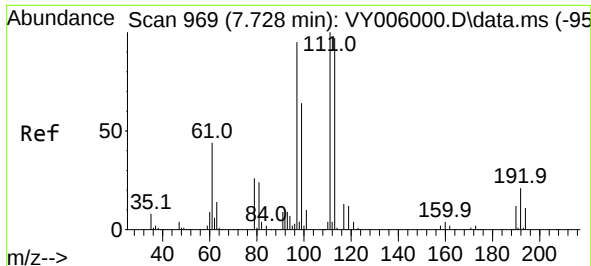
Tgt Ion: 65 Resp: 105850
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006107.D
 Acq: 22 Sep 2021 16:38

Tgt Ion:114 Resp: 246233
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.6 0.0 31.8

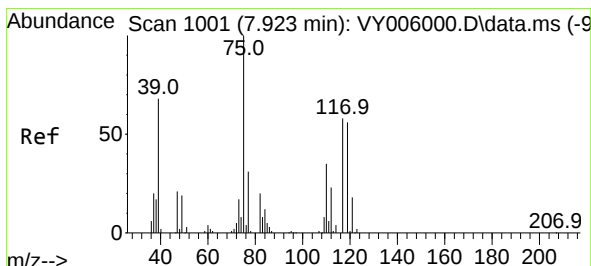
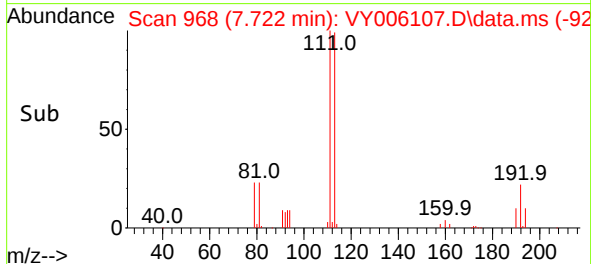
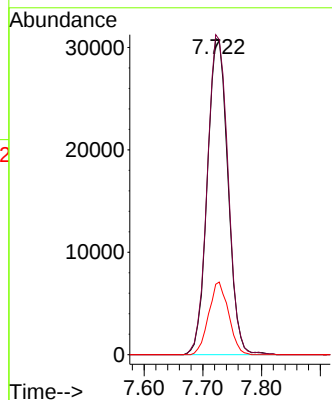
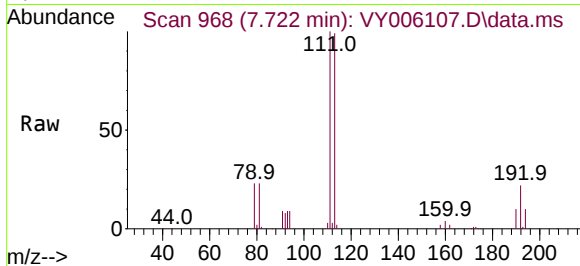




#35
Dibromofluoromethane
Concen: 49.121 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

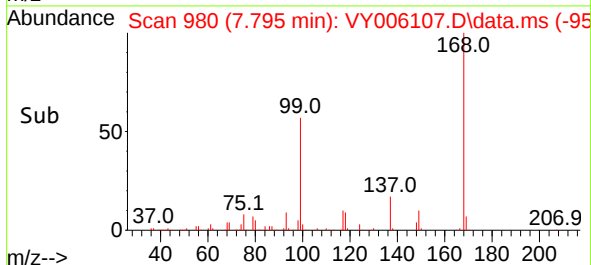
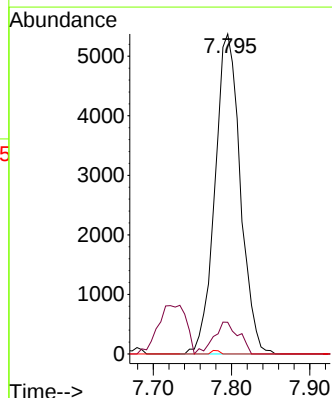
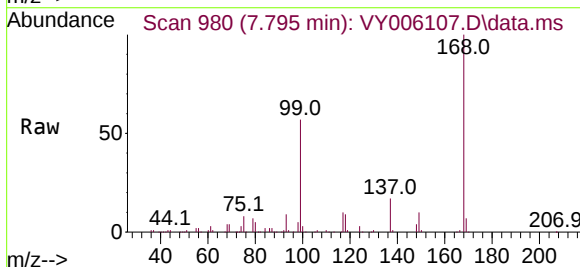
Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

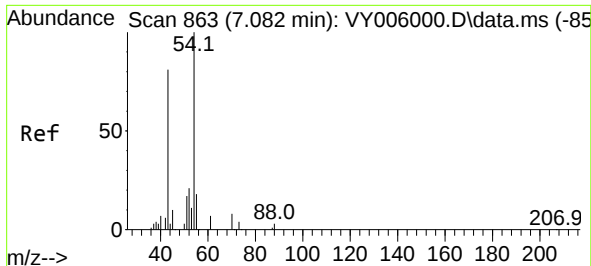
Tgt Ion:	113	Resp:	75125
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	22.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion:	75	Resp:	12072
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.2#
77	0.3	24.4	36.6#





#37

Ethyl Acetate

Concen: 36.140 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.091 min

Lab File: VY006107.D

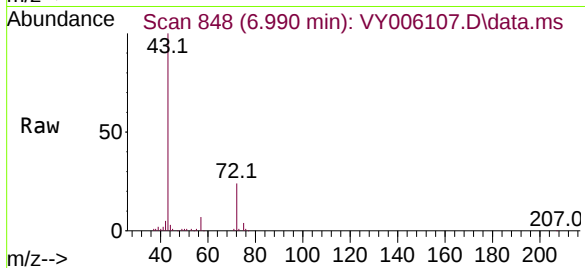
Acq: 22 Sep 2021 16:38

Instrument :

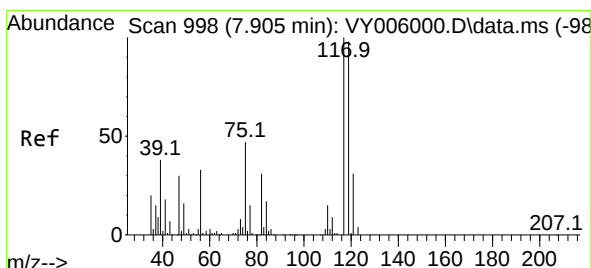
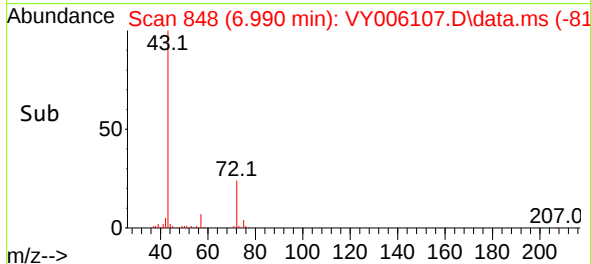
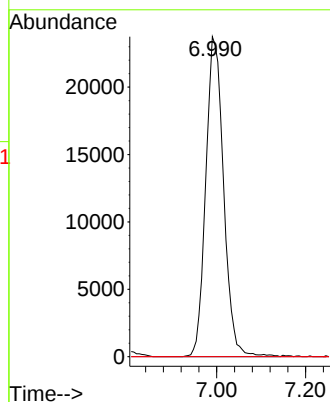
MSVOA_Y

ClientSampleId :

SS02-BL-(0.0)



Tgt Ion:	43	Resp:	66352
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.065 ug/l

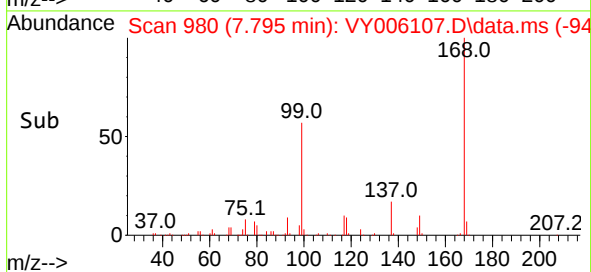
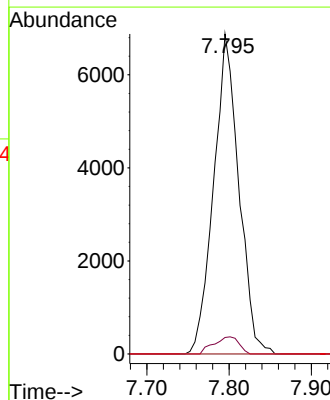
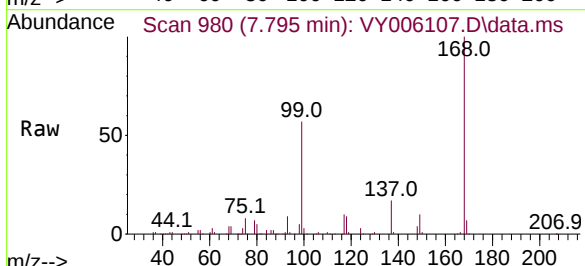
RT: 7.795 min Scan# 980

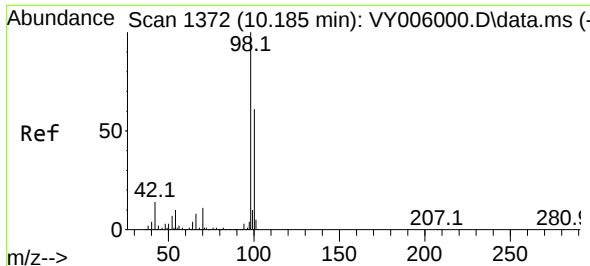
Delta R.T. -0.110 min

Lab File: VY006107.D

Acq: 22 Sep 2021 16:38

Tgt Ion:	117	Resp:	14654
Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#

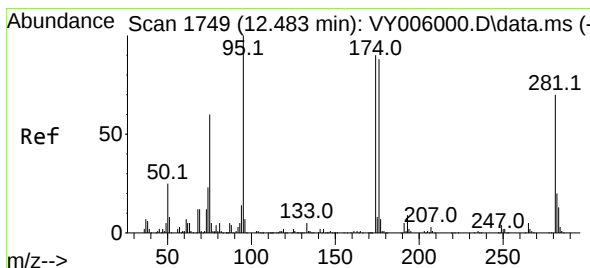
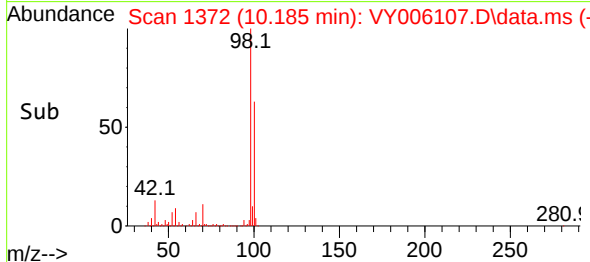
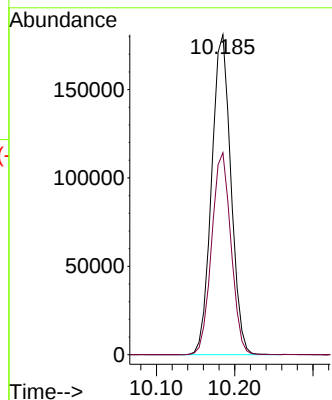
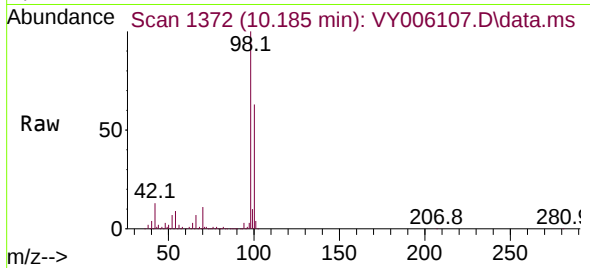




#50
Toluene-d8
Concen: 47.513 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

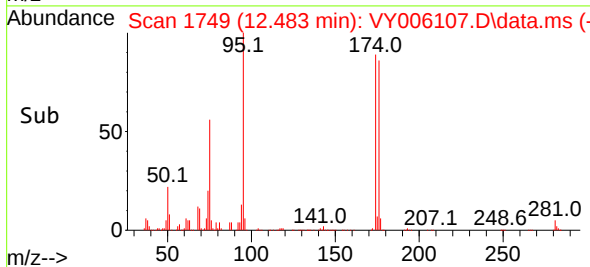
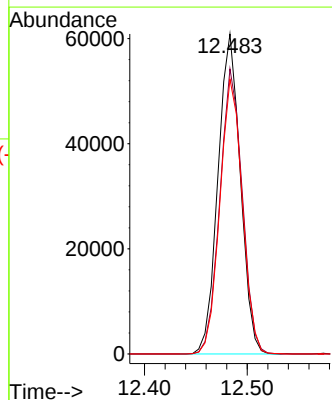
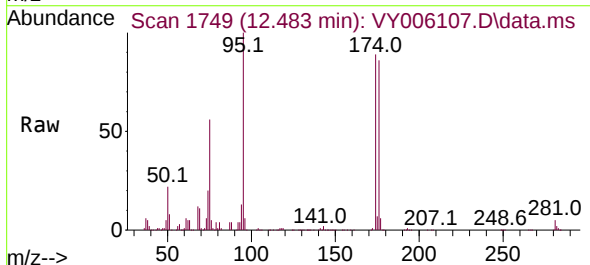
Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

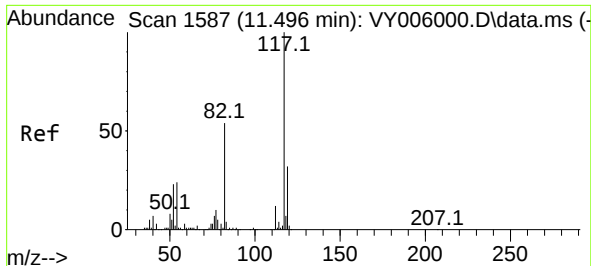
Tgt Ion: 98 Resp: 309708
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion: 95 Resp: 91832
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.1 0.0 175.8

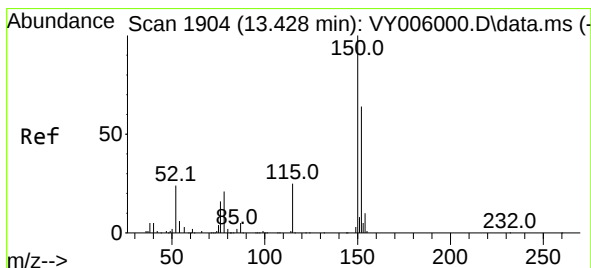
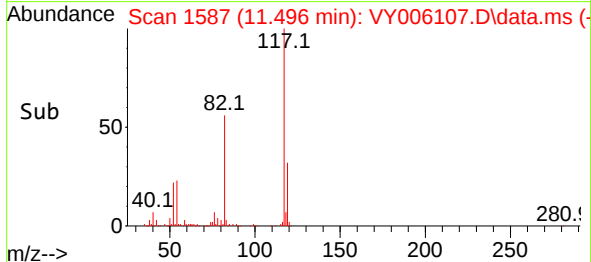
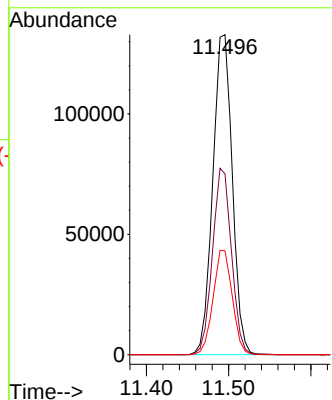
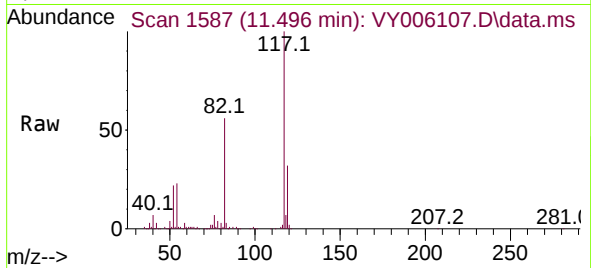




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

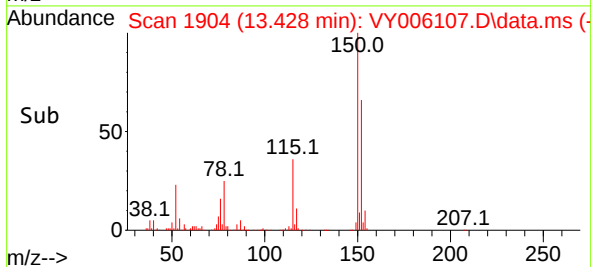
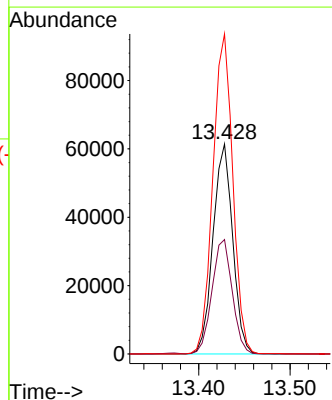
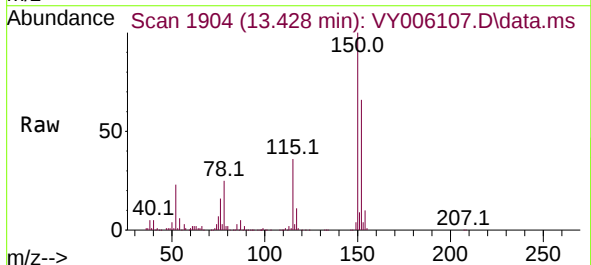
Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

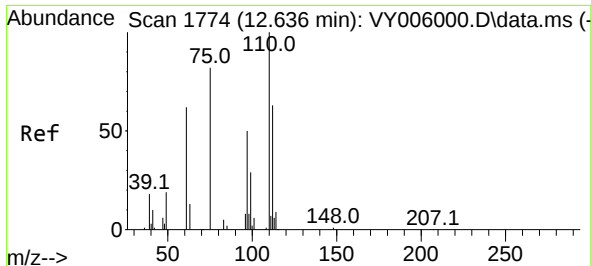
Tgt Ion:117 Resp: 218948
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion:152 Resp: 91696
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 154.3 0.0 347.6

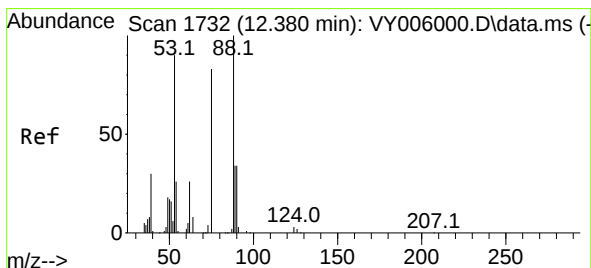
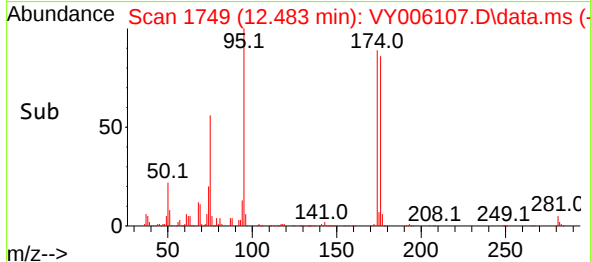
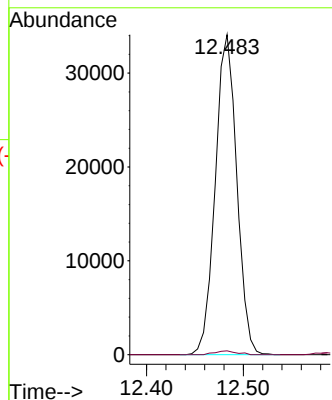
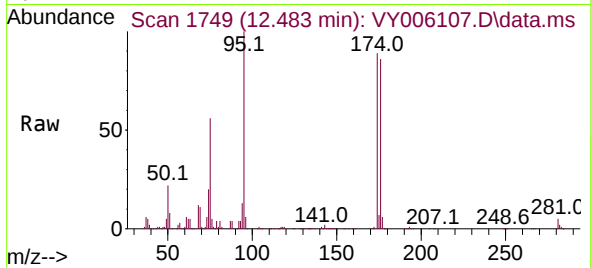




#76
1,2,3-Trichloropropane
Concen: 53.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Instrument :
MSVOA_Y
ClientSampleId :
SS02-BL-(0.0)

Tgt Ion: 75 Resp: 52542
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006107.D
Acq: 22 Sep 2021 16:38

Tgt Ion: 75 Resp: 52542
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

