

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006106.D
 Acq On : 22 Sep 2021 16:15
 Operator : SY/MD
 Sample : M3871-01
 Misc : 3.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS01-BL-(0.0)

Quant Time: Sep 23 01:27:22 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)

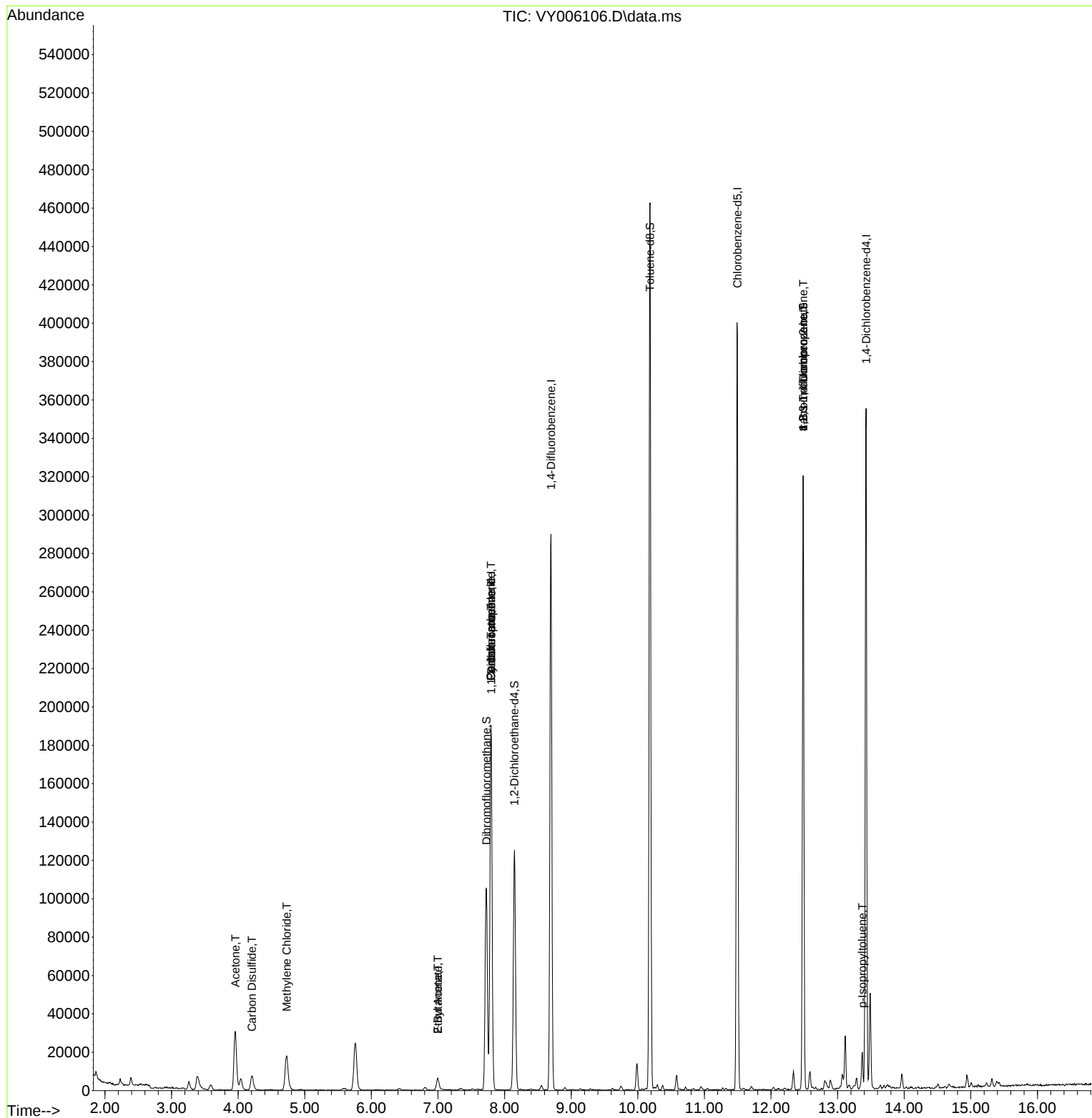
Internal Standards						
1) Pentafluorobenzene	7.795	168	150627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102614	49.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.728	113	73862	50.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.185	98	295603	46.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.483	95	88014	41.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	291	Below Cal	#	77
16) Acetone	3.960	43	55853	97.326	ug/l	100
17) Carbon Disulfide	4.204	76	7735	1.540	ug/l	99
20) Methylene Chloride	4.728	84	12878	2.805	ug/l	87
25) 2-Butanone	6.996	43	9504	12.016	ug/l	98
31) Cyclohexane	7.795	56	3507	1.046	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	11697	4.557	ug/l #	51
37) Ethyl Acetate	6.996	43	9504	5.360	ug/l #	72
38) Carbon Tetrachloride	7.795	117	14298	5.117	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50072	54.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50072	99.899	ug/l #	7
86) p-Isopropyltoluene	13.373	119	9282	1.513	ug/l	98

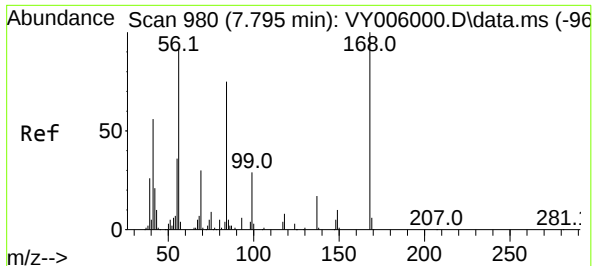
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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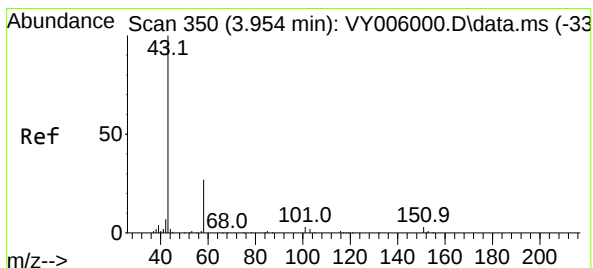
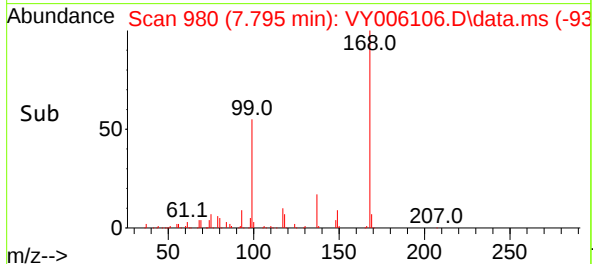
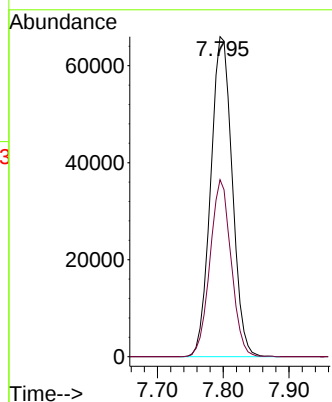
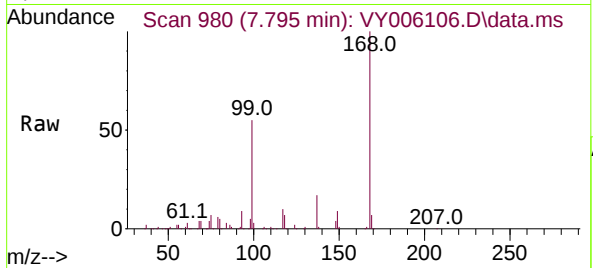




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

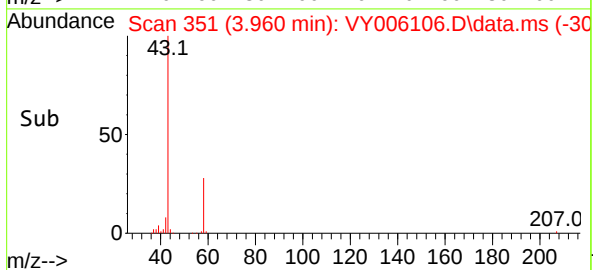
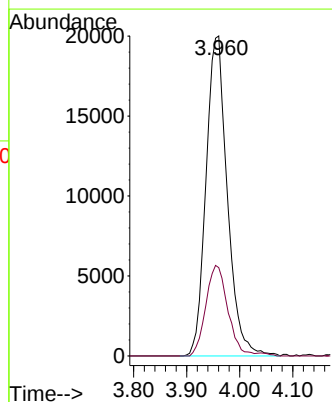
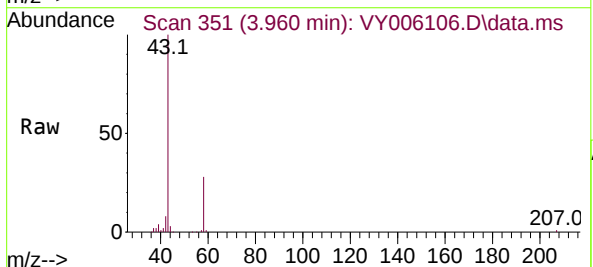
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

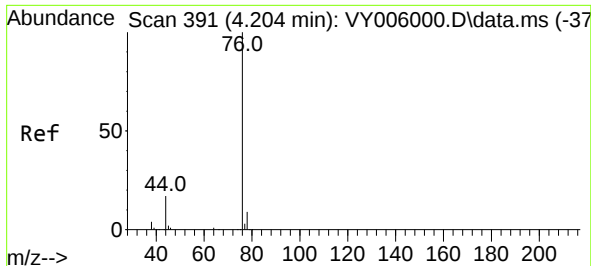
Tgt Ion:168 Resp: 150627
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#16
Acetone
Concen: 97.326 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 43 Resp: 55853
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

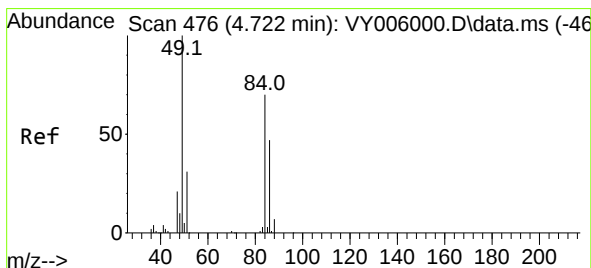
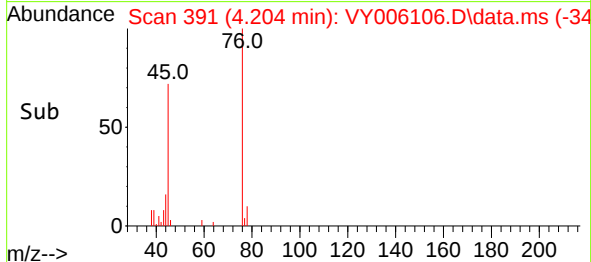
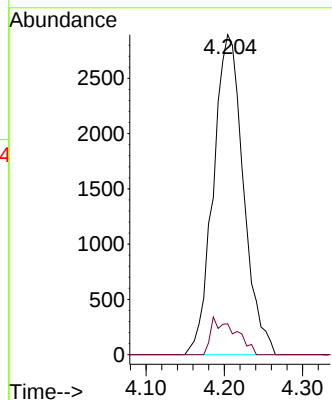
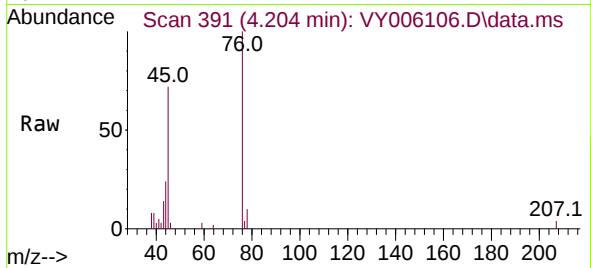




#17
Carbon Disulfide
Concen: 1.540 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

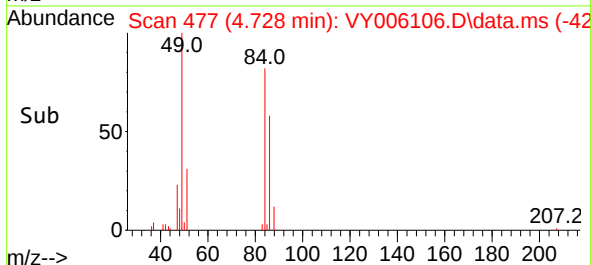
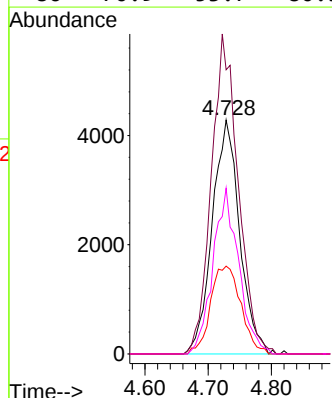
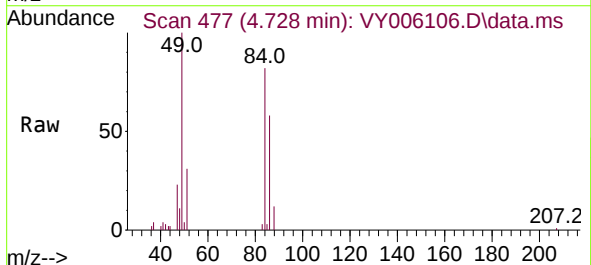
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

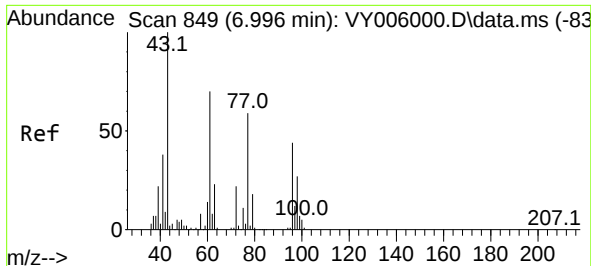
Tgt Ion: 76 Resp: 7735
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#20
Methylene Chloride
Concen: 2.805 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 84 Resp: 12878
Ion Ratio Lower Upper
84 100
49 121.5 114.4 171.6
51 37.5 35.3 52.9
86 70.9 53.7 80.5

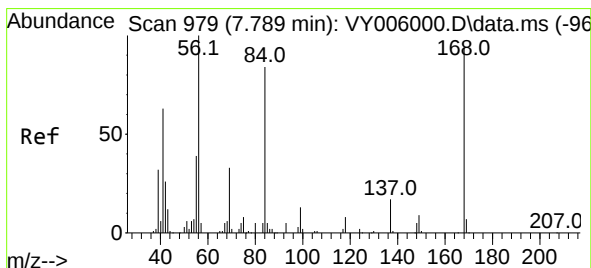
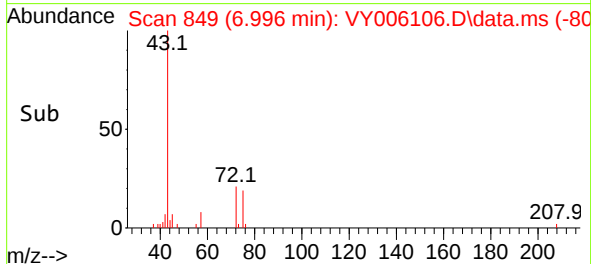
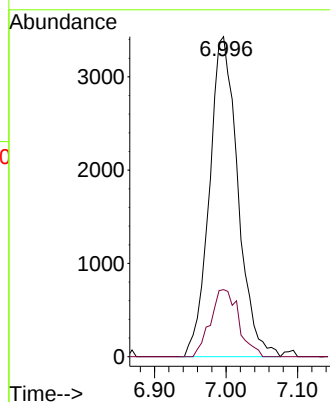
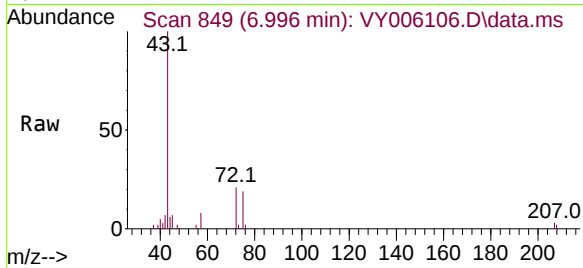




#25
2-Butanone
Concen: 12.016 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

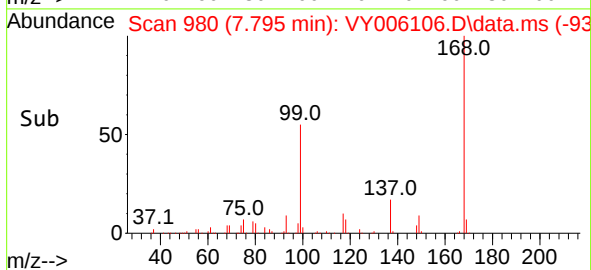
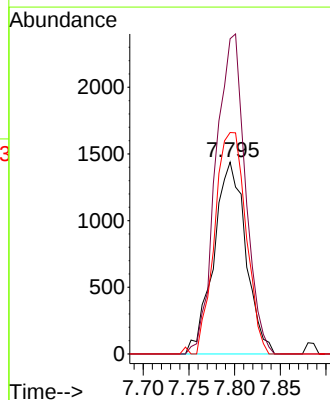
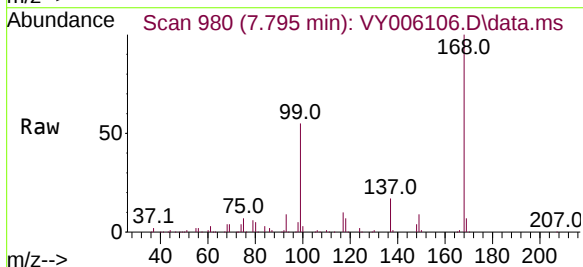
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

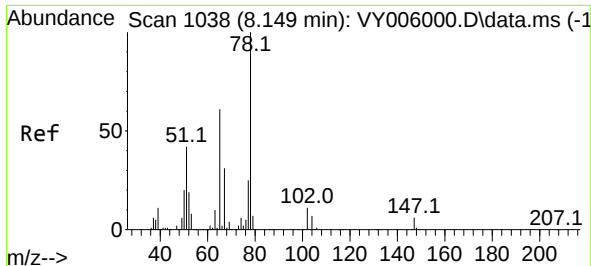
Tgt Ion: 43 Resp: 9504
Ion Ratio Lower Upper
43 100
72 21.0 17.7 26.5



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 56 Resp: 3507
Ion Ratio Lower Upper
56 100
69 164.3 26.7 40.1#
84 115.4 67.2 100.8#

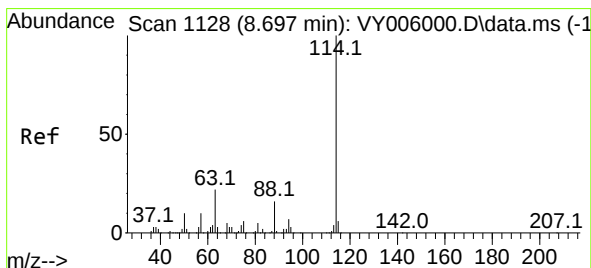
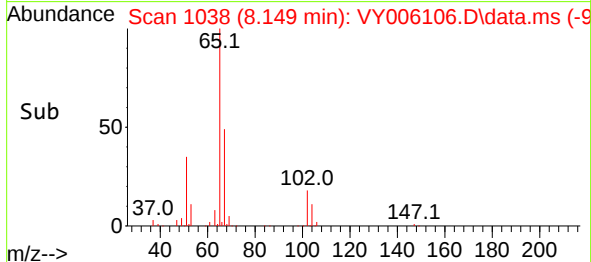
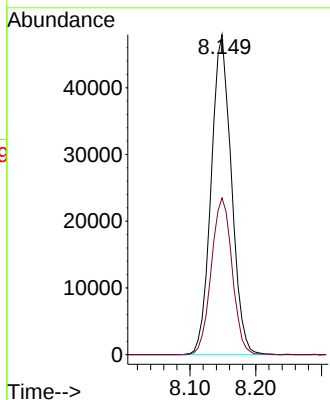
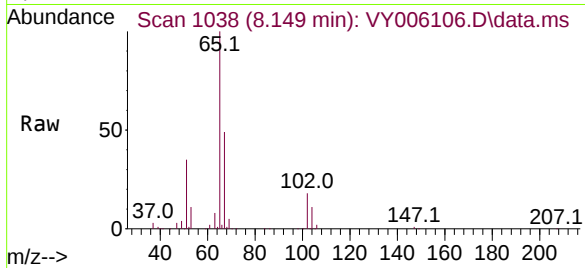




#33
 1,2-Dichloroethane-d4
 Concen: 49.044 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006106.D
 Acq: 22 Sep 2021 16:15

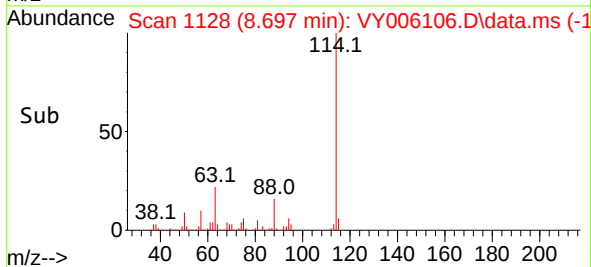
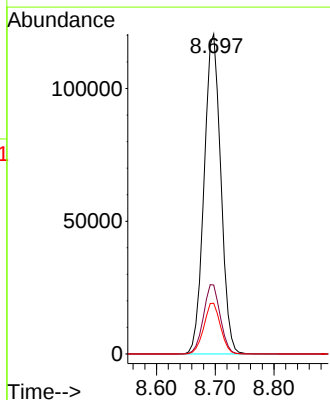
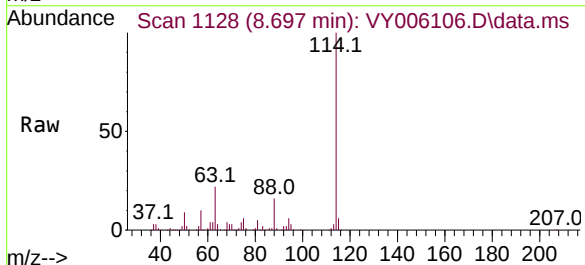
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS01-BL-(0.0)

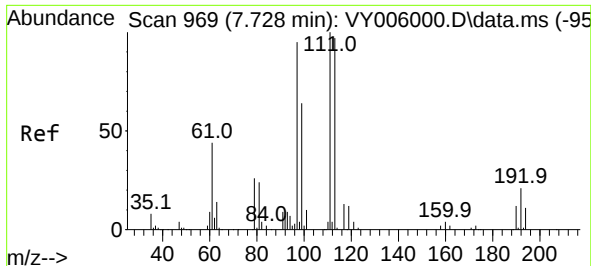
Tgt Ion: 65 Resp: 102614
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006106.D
 Acq: 22 Sep 2021 16:15

Tgt Ion: 114 Resp: 237791
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.8 0.0 31.8

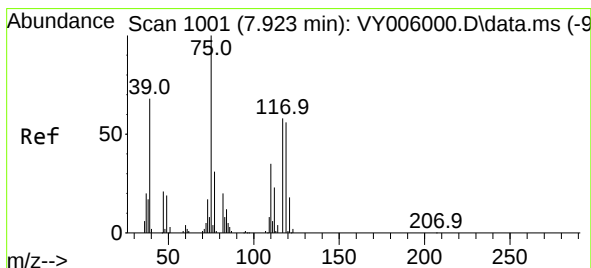
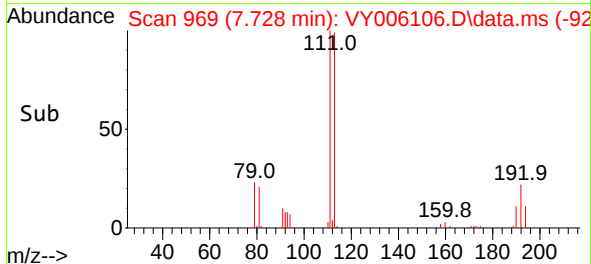
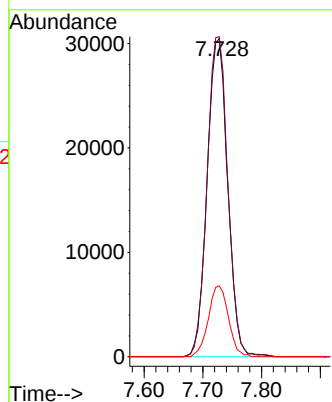
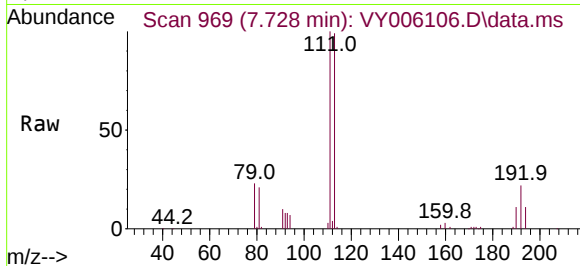




#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

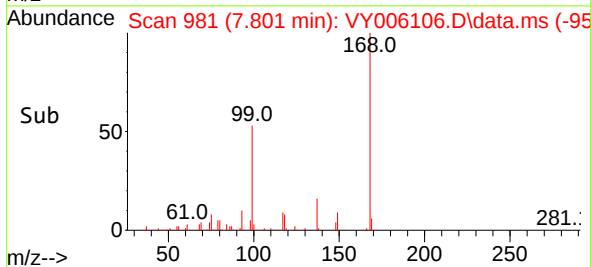
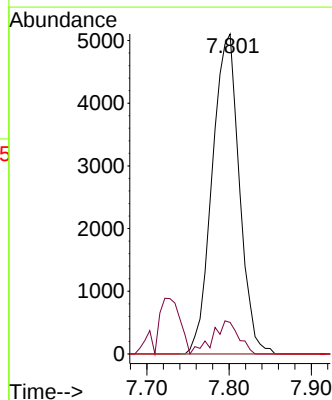
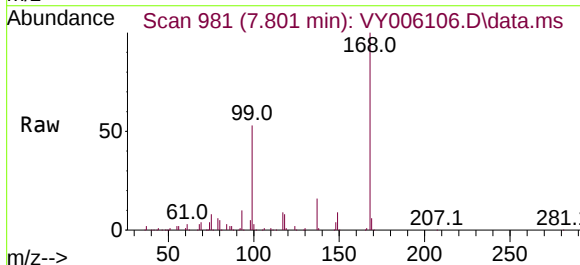
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

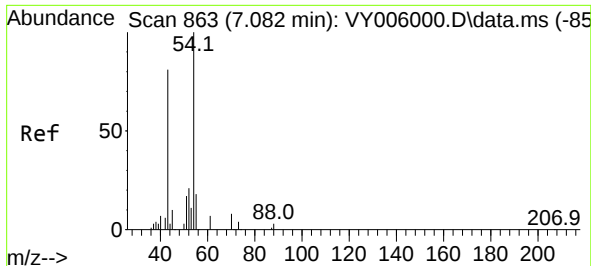
Tgt Ion:	113	Resp:	73862
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	21.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion:	75	Resp:	11697
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 5.360 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY006106.D

Acq: 22 Sep 2021 16:15

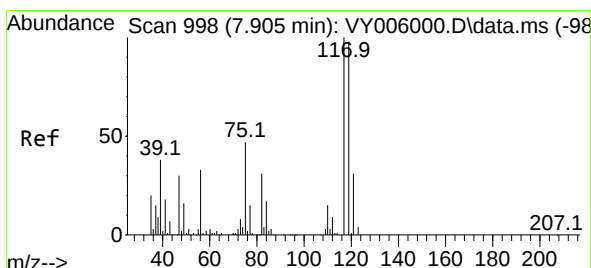
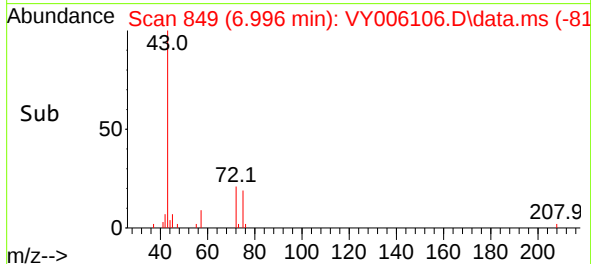
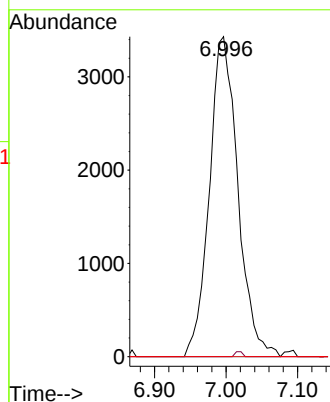
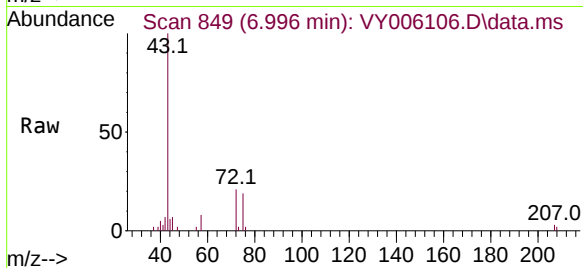
Instrument :

MSVOA_Y

ClientSampleId :

SS01-BL-(0.0)

Tgt Ion:	43	Resp:	9504
Ion	Ratio	Lower	Upper
43	100		
61	0.4	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.117 ug/l

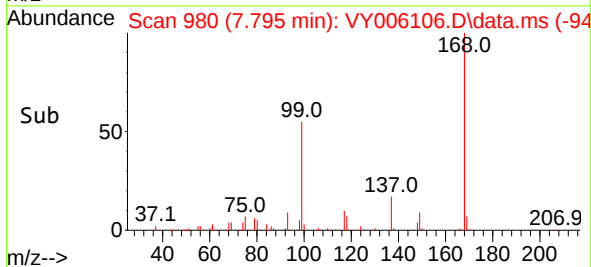
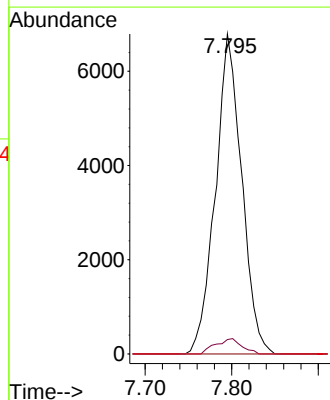
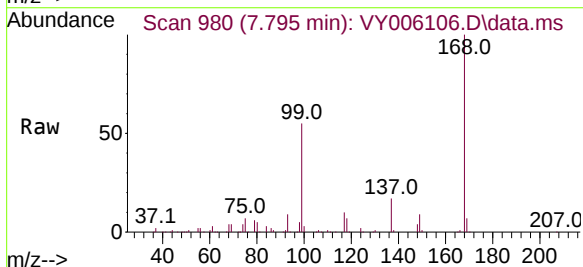
RT: 7.795 min Scan# 980

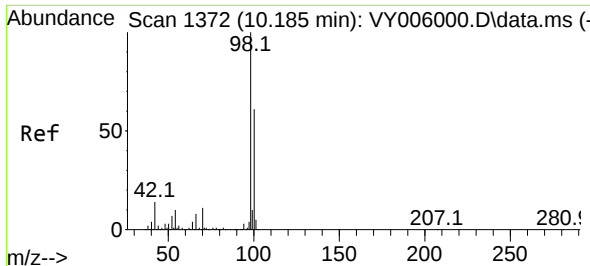
Delta R.T. -0.110 min

Lab File: VY006106.D

Acq: 22 Sep 2021 16:15

Tgt Ion:	117	Resp:	14298
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.9	116.9#
121	0.0	24.8	37.2#

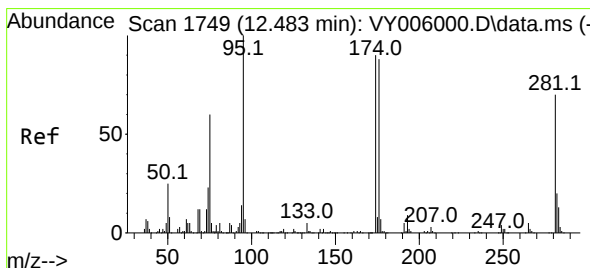
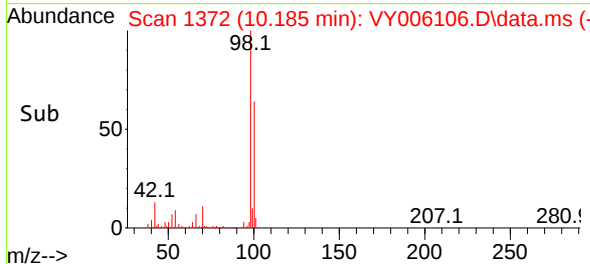
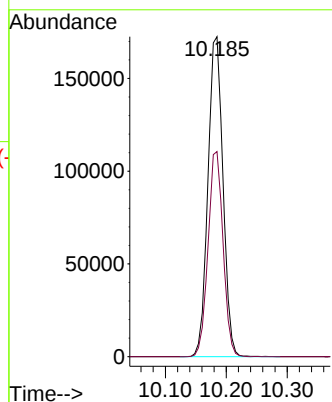
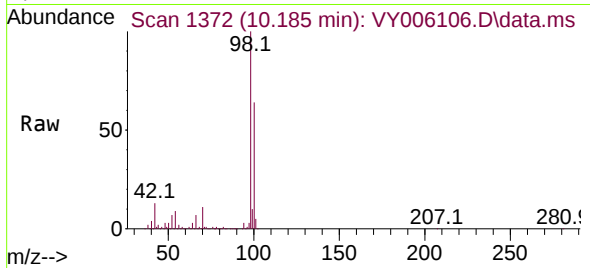




#50
Toluene-d8
Concen: 46.959 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

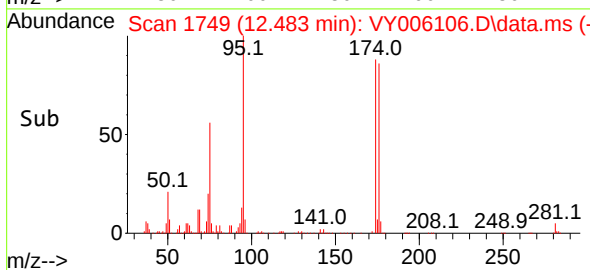
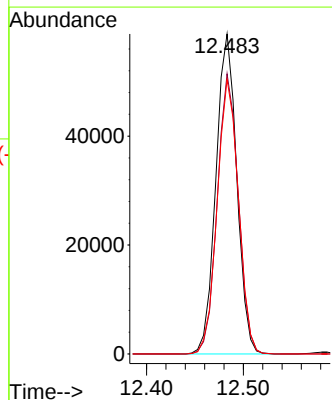
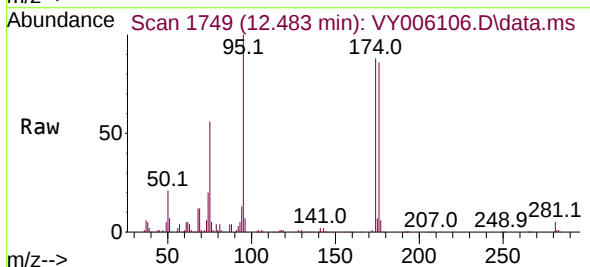
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

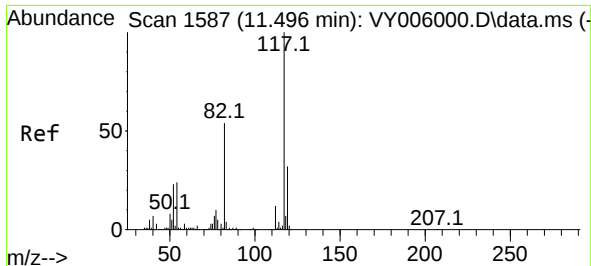
Tgt Ion: 98 Resp: 295603
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 95 Resp: 88014
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 87.4 0.0 175.8

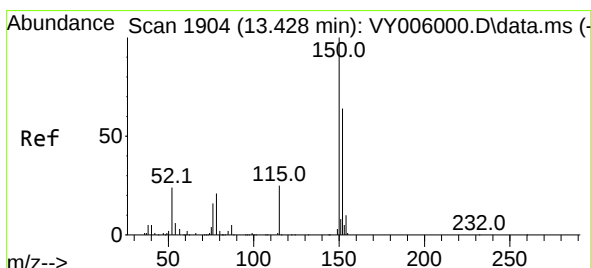
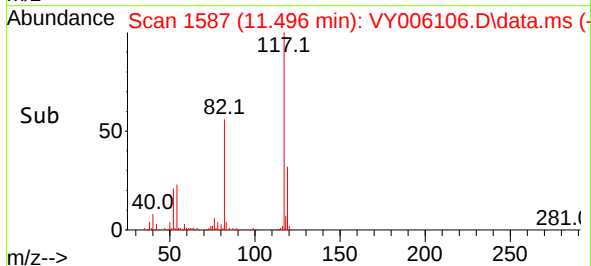
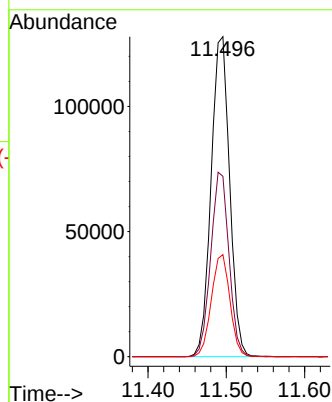
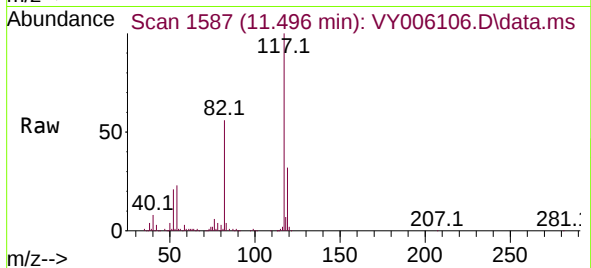




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

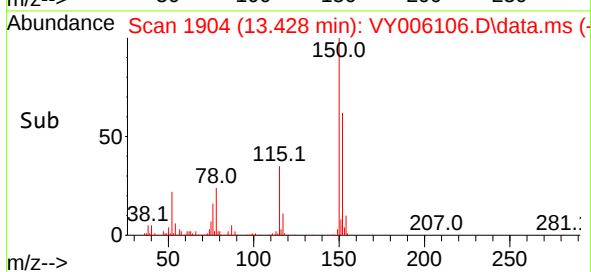
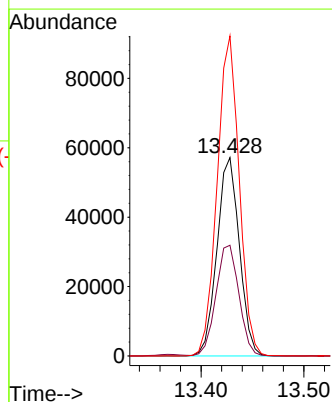
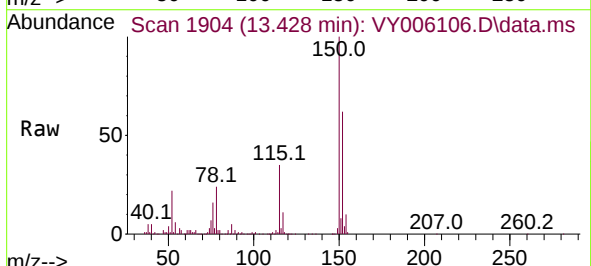
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

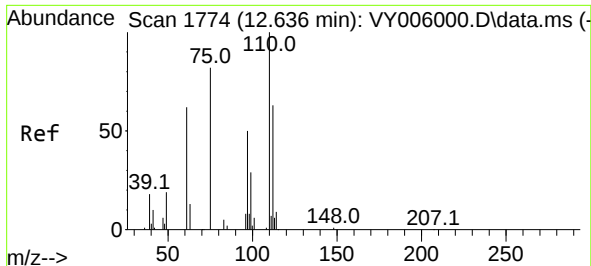
Tgt Ion:	117	Resp:	209903
Ion Ratio	Lower	Upper	
117	100		
82	56.3	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion:	152	Resp:	86430
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.2	84.7
150	159.0	0.0	347.6

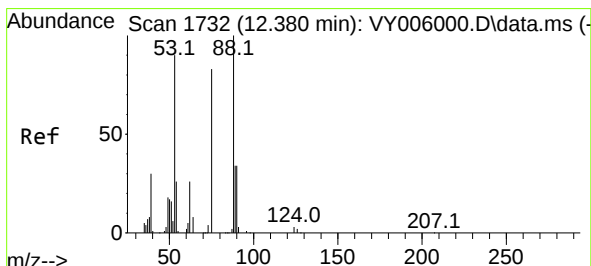
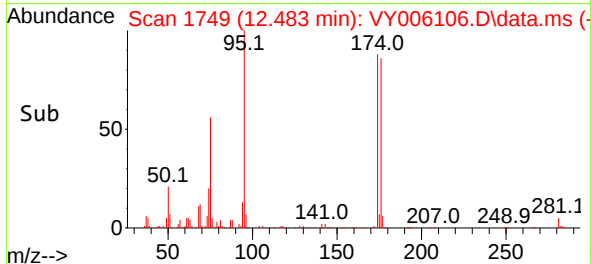
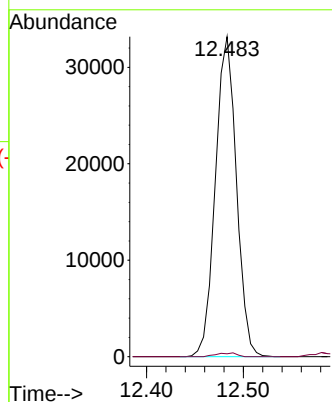
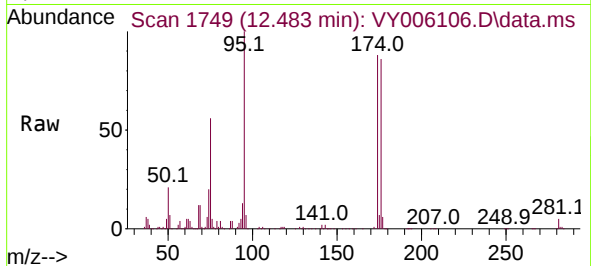




#76
1,2,3-Trichloropropane
Concen: 54.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

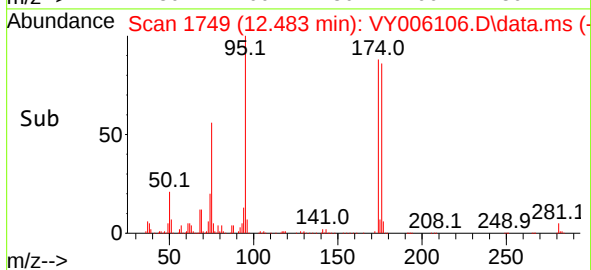
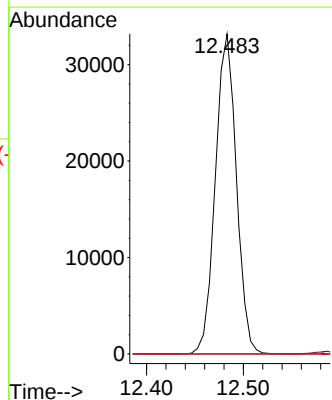
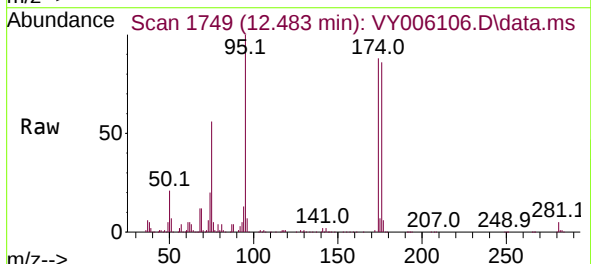
Instrument :
MSVOA_Y
ClientSampleId :
SS01-BL-(0.0)

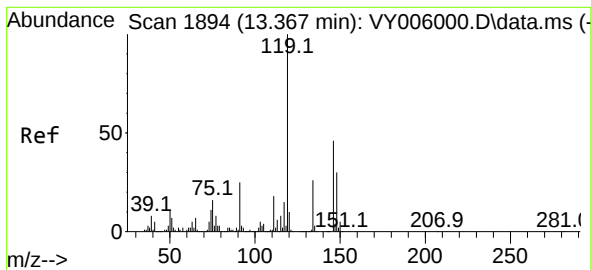
Tgt Ion: 75 Resp: 50072
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006106.D
Acq: 22 Sep 2021 16:15

Tgt Ion: 75 Resp: 50072
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#86
 p-Isopropyltoluene
 Concen: 1.513 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY006106.D
 Acq: 22 Sep 2021 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS01-BL-(0.0)

Tgt Ion:119 Resp: 9282
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 25.5 12.4 37.2

