

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005683.D
 Acq On : 16 Aug 2021 20:10
 Operator : SY/MD
 Sample : M3368-12RE
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-06-0002

Quant Time: Aug 17 05:21:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

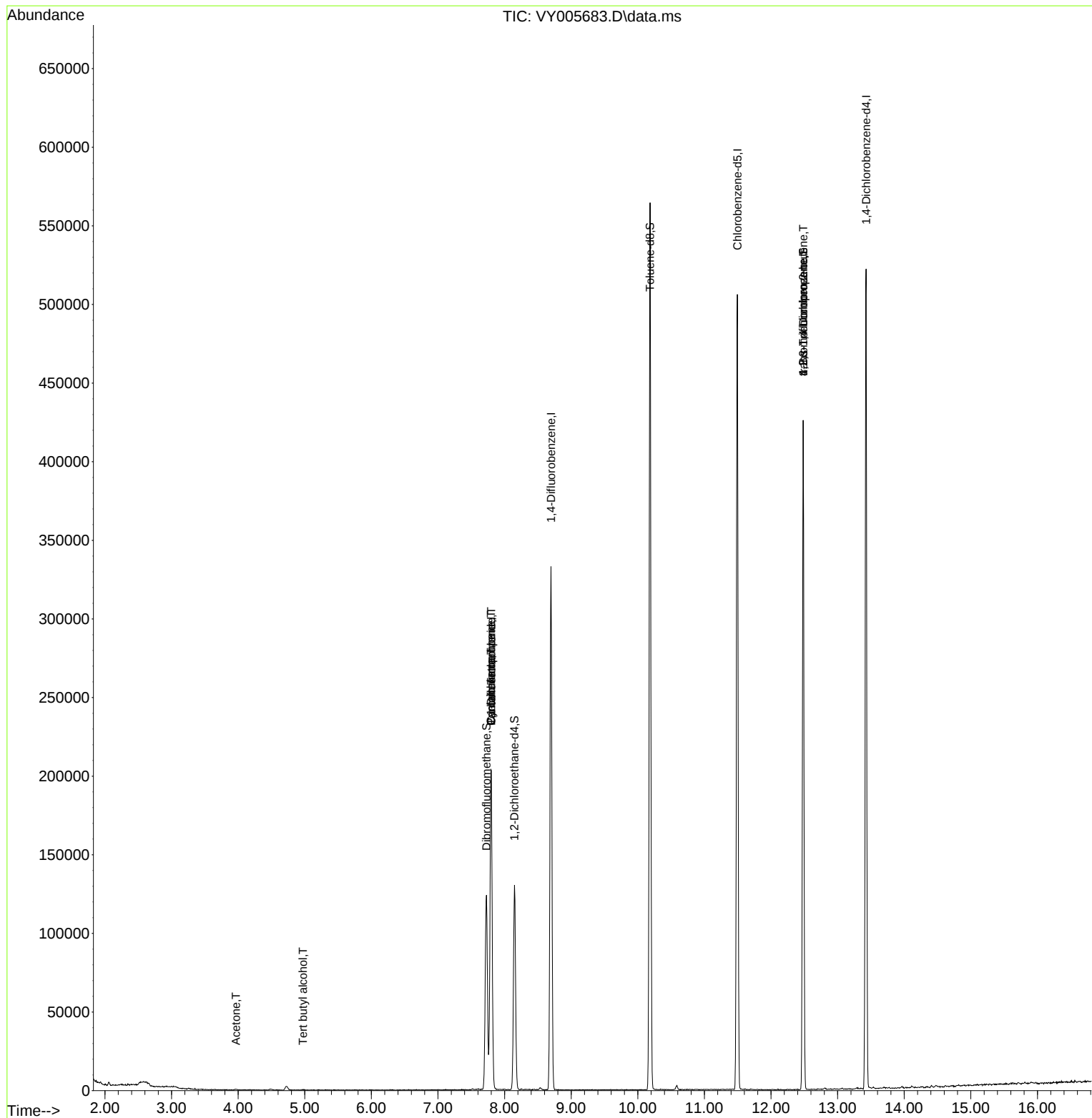
Internal Standards						
1) Pentafluorobenzene	7.801	168	168863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105819	61.907	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.820%		
35) Dibromofluoromethane	7.728	113	83433	53.788	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.580%		
50) Toluene-d8	10.185	98	355048	54.577	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.160%		
62) 4-Bromofluorobenzene	12.483	95	115873	53.788	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	521	3.083	ug/l #	73
16) Acetone	3.966	43	669	1.552	ug/l #	45
20) Methylene Chloride	4.722	84	1800	Below Cal	#	87
31) Cyclohexane	7.795	56	3395	1.158	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	11768	4.529	ug/l #	49
38) Carbon Tetrachloride	7.801	117	14978	5.303	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65385	46.812	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65385	94.367	ug/l #	11

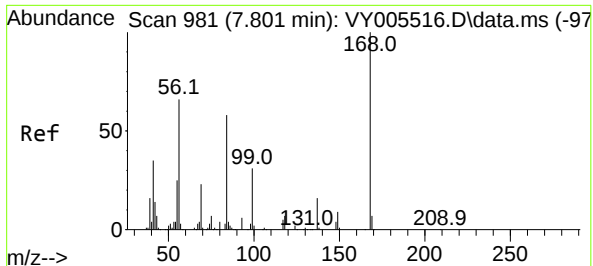
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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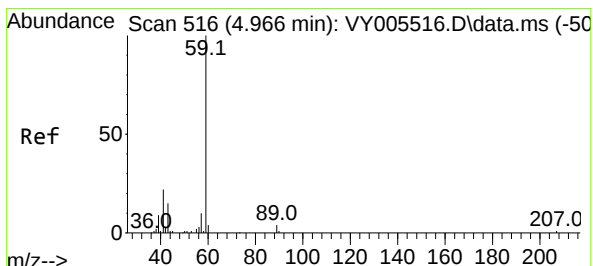
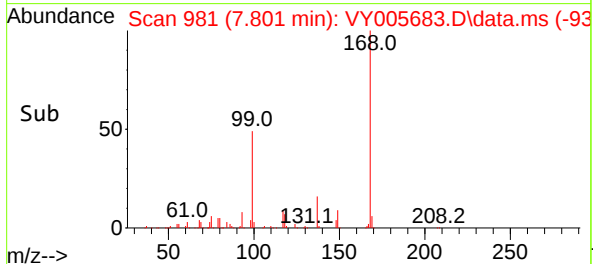
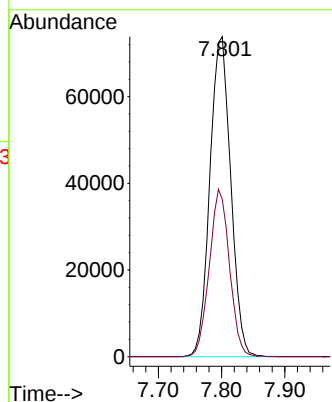
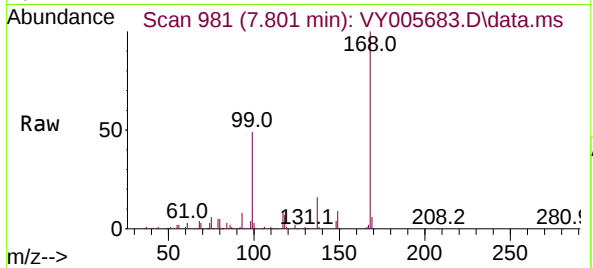




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

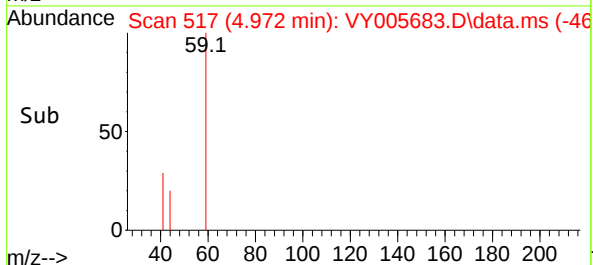
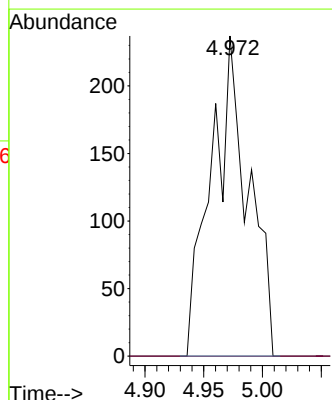
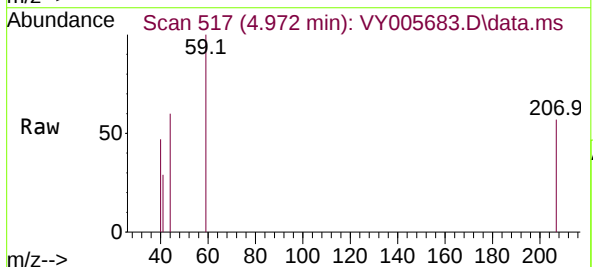
Instrument :
MSVOA_Y
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SWCS-06-0002

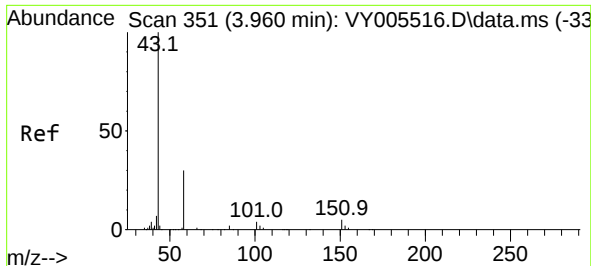
Tgt Ion:168 Resp: 168863
Ion Ratio Lower Upper
168 100
99 49.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.083 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

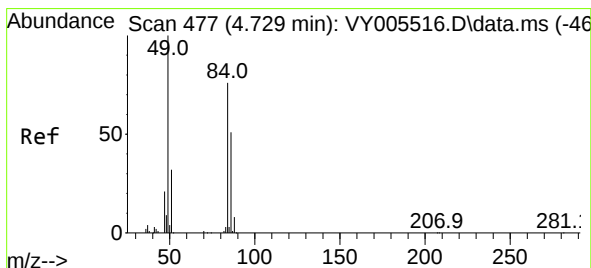
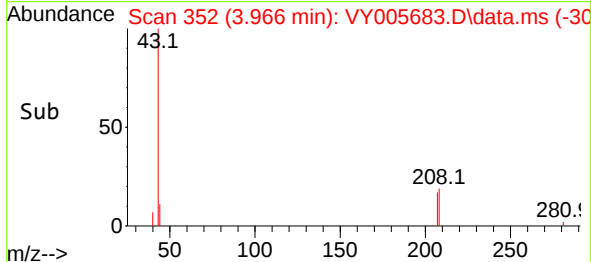
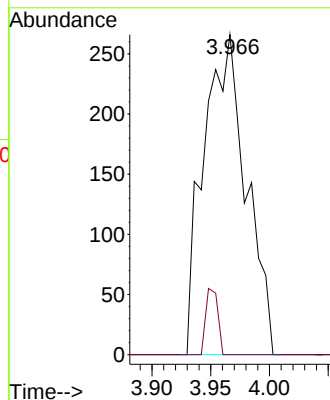
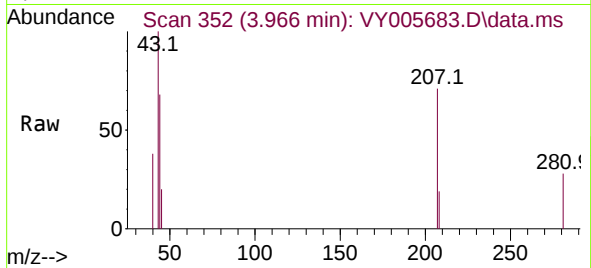




#16
Acetone
Concen: 1.552 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

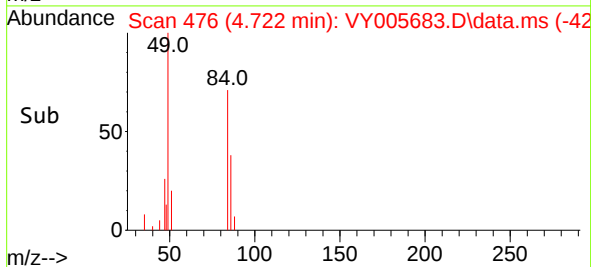
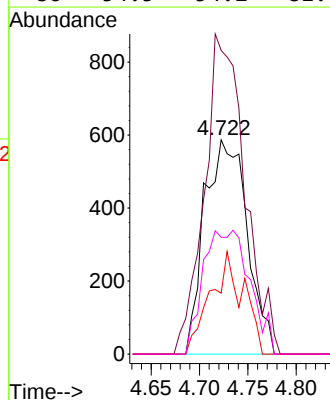
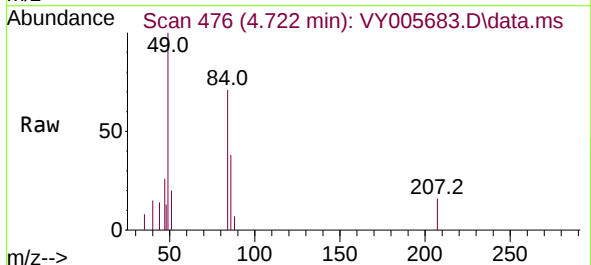
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-06-0002

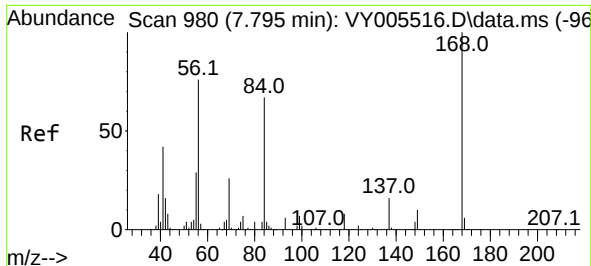
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion: 84 Resp: 1800
Ion Ratio Lower Upper
84 100
49 141.7 105.8 158.6
51 28.4 33.4 50.2#
86 54.5 54.2 81.4

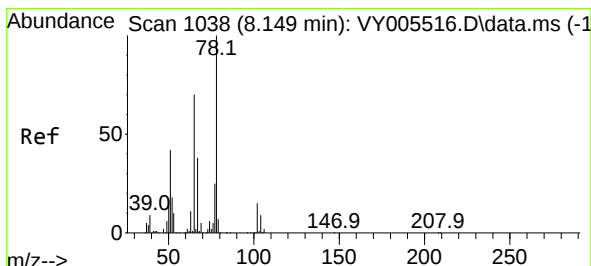
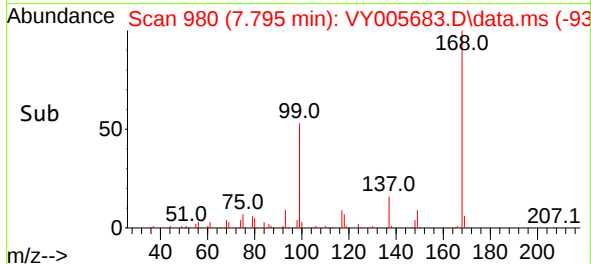
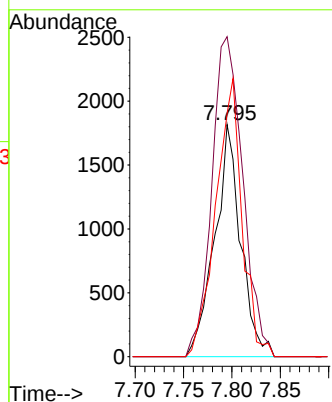
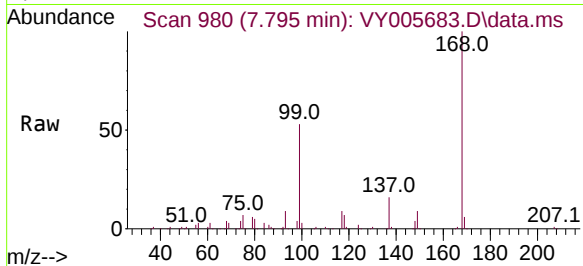




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

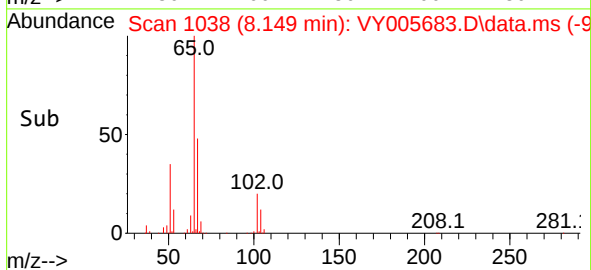
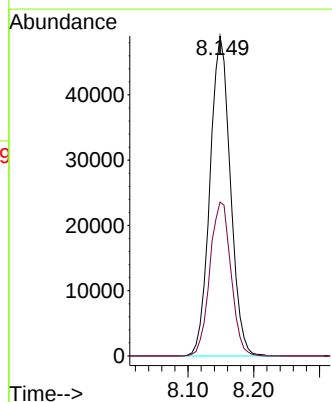
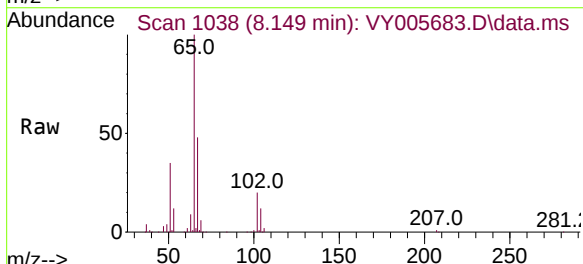
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-06-0002

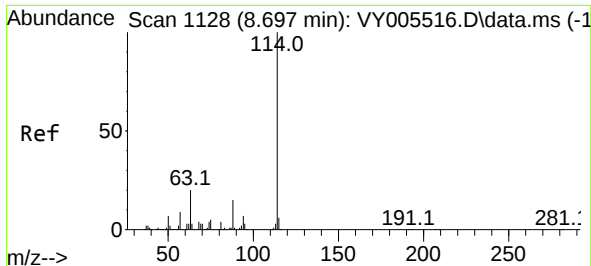
Tgt Ion: 56 Resp: 3395
Ion Ratio Lower Upper
56 100
69 137.9 27.7 41.5#
84 104.7 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 61.907 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion: 65 Resp: 105819
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005683.D

Acq: 16 Aug 2021 20:10

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-06-0002

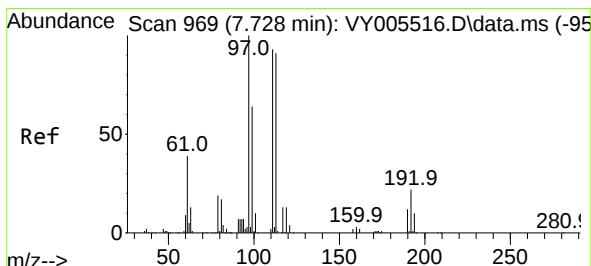
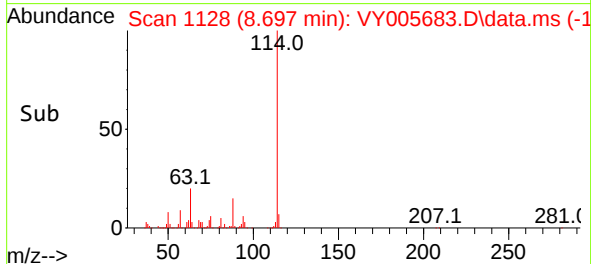
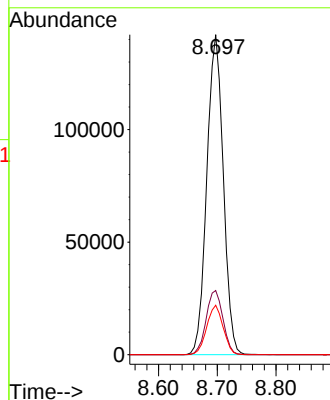
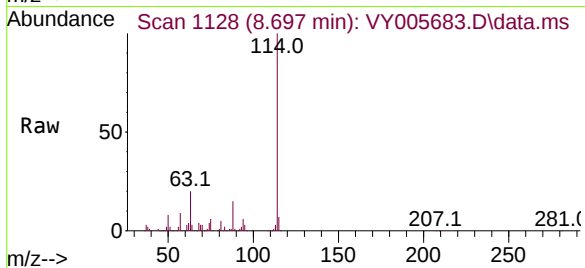
Tgt Ion:114 Resp: 277052

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.788 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005683.D

Acq: 16 Aug 2021 20:10

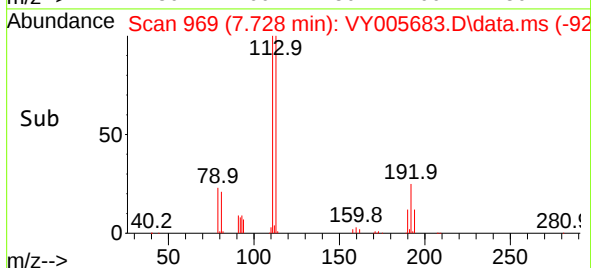
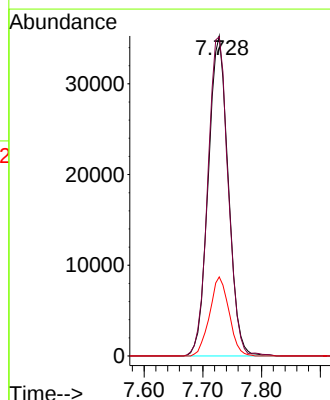
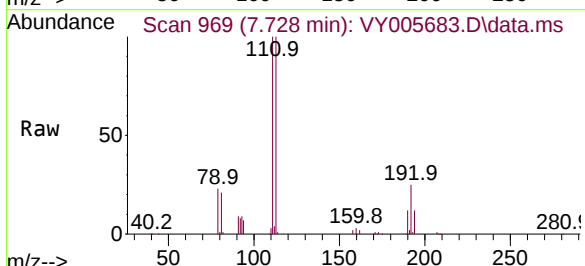
Tgt Ion:113 Resp: 83433

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

192 23.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.529 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005683.D

Acq: 16 Aug 2021 20:10

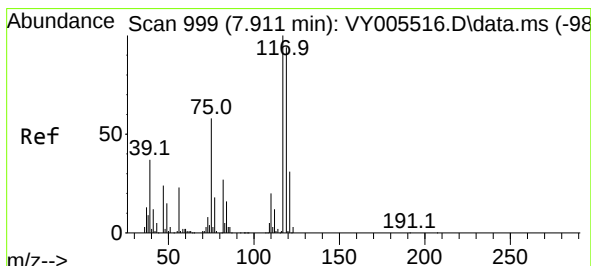
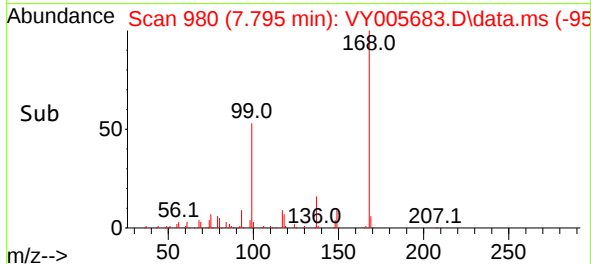
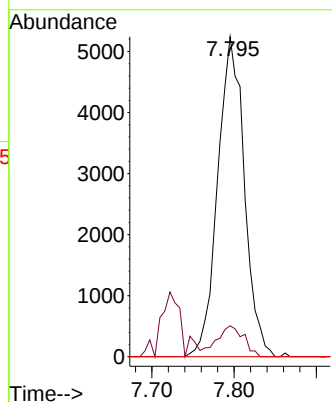
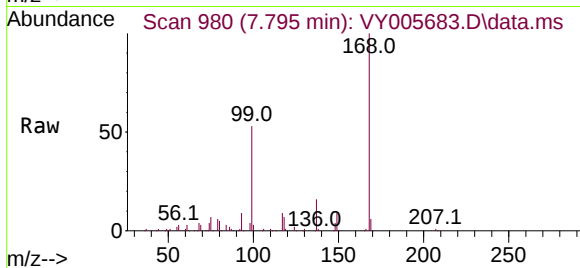
Instrument :

MSVOA_Y

ClientSampleId :

SWCS-06-0002

Tgt Ion: 75	Resp: 11768
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.303 ug/l

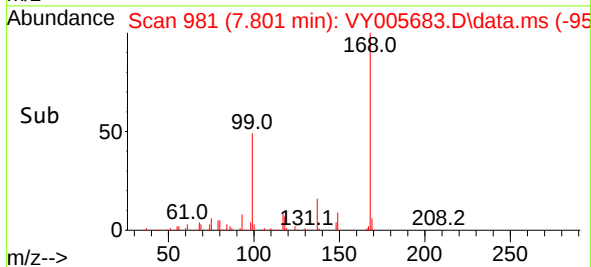
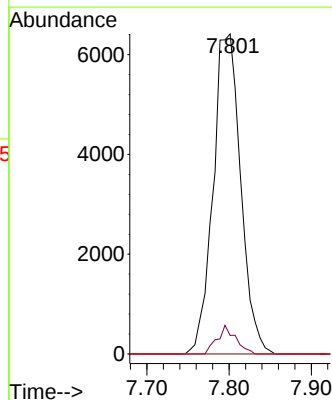
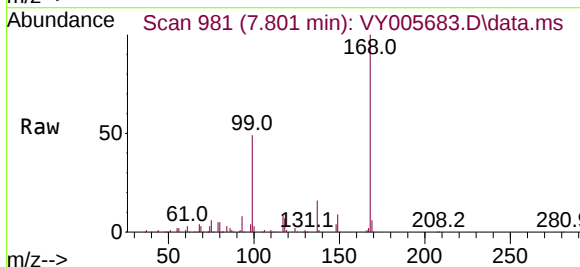
RT: 7.801 min Scan# 981

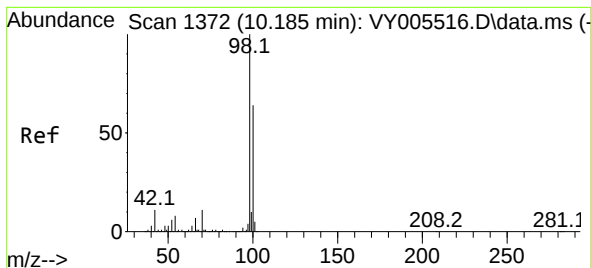
Delta R.T. -0.110 min

Lab File: VY005683.D

Acq: 16 Aug 2021 20:10

Tgt Ion: 117	Resp: 14978
Ion Ratio	Lower Upper
117 100	
119 5.8	75.4 113.0#
121 0.0	25.1 37.7#

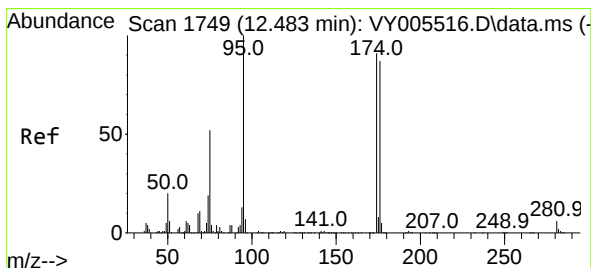
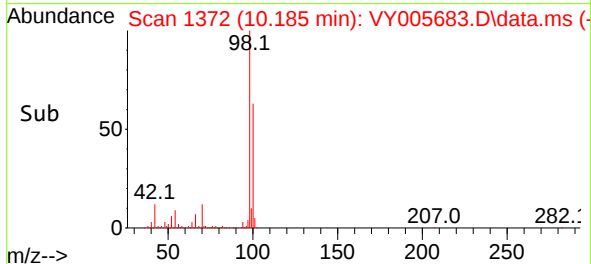
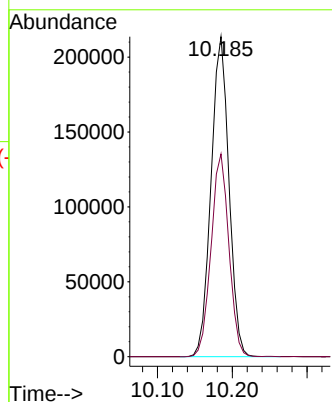
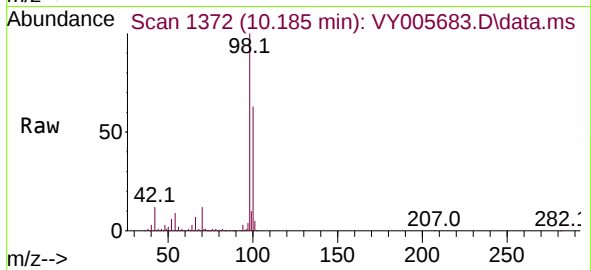




#50
Toluene-d8
Concen: 54.577 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

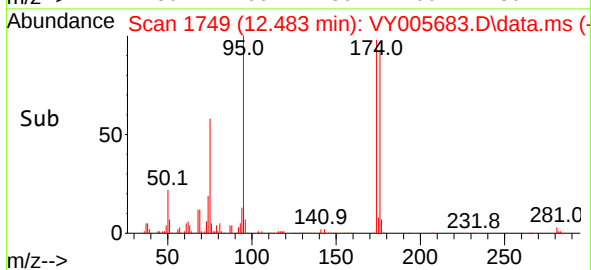
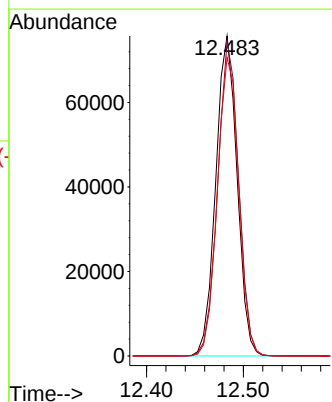
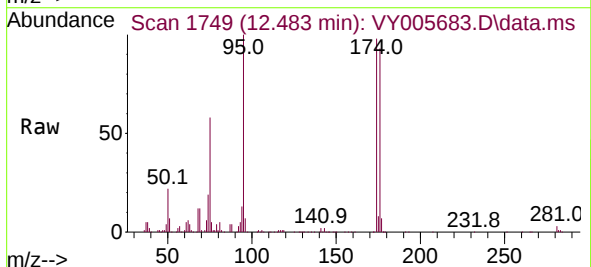
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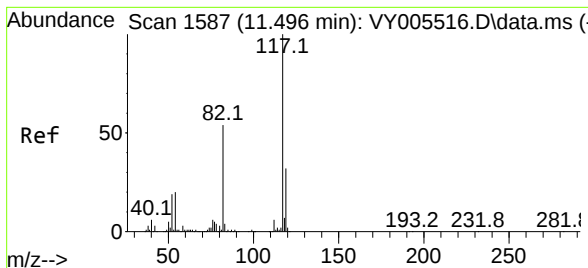
Tgt Ion: 98 Resp: 355048
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 53.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion: 95 Resp: 115873
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.4
176 93.9 0.0 183.6

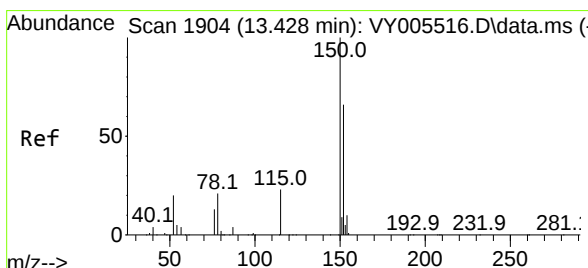
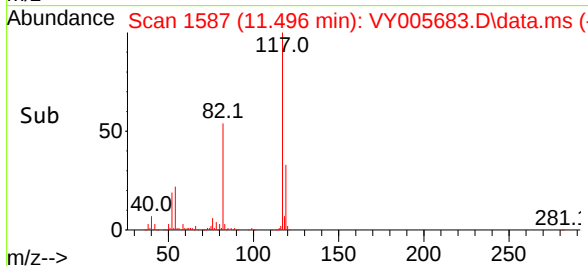
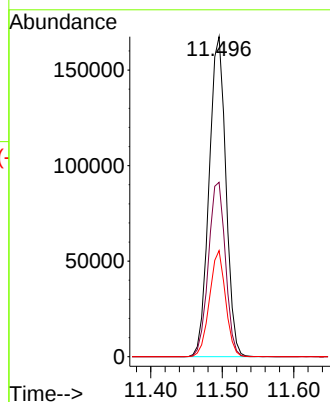
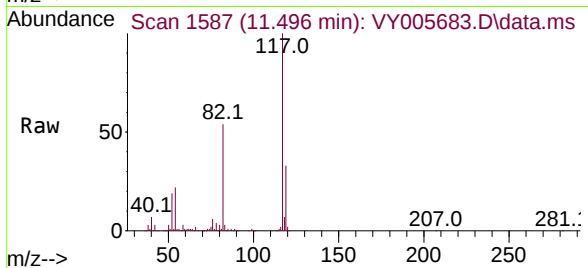




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

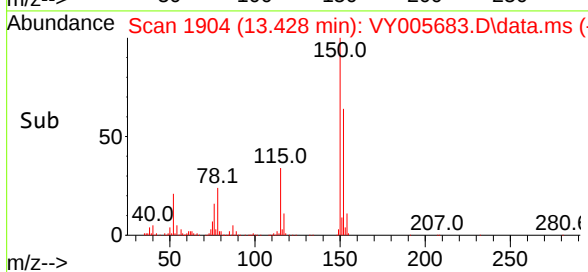
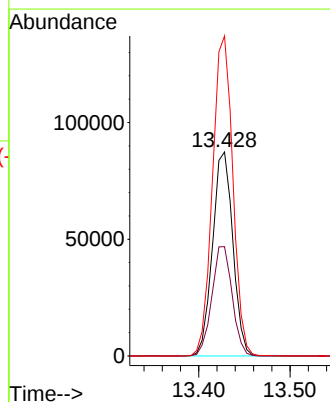
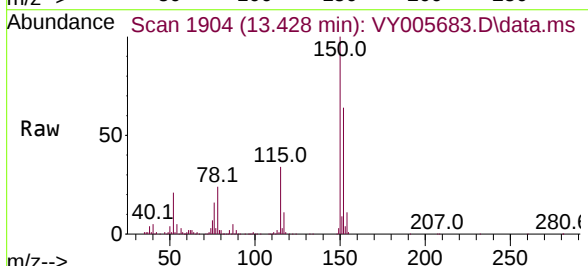
Instrument :
MSVOA_Y
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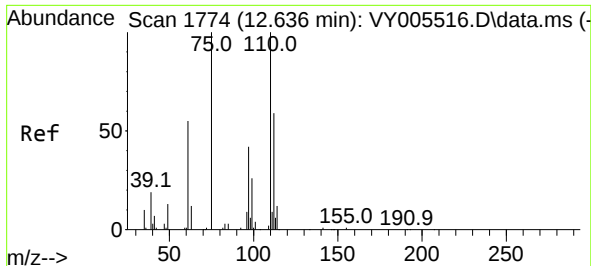
Tgt Ion:	117	Resp:	272835
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.5	65.3
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion:	152	Resp:	134785
Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	156.9	0.0	350.2

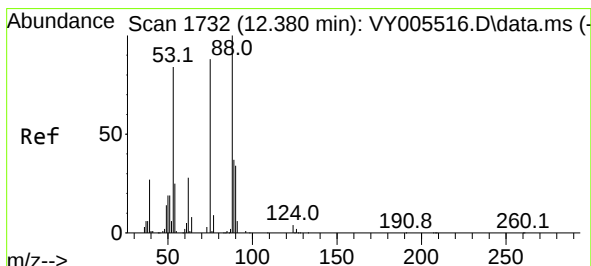
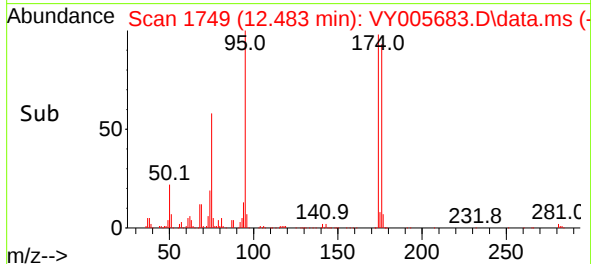
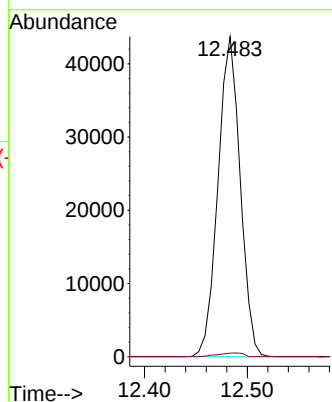
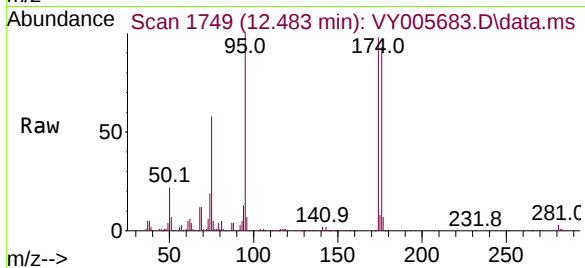




#76
1,2,3-Trichloropropane
Concen: 46.812 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-06-0002

Tgt Ion: 75 Resp: 65385
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005683.D
Acq: 16 Aug 2021 20:10

Tgt Ion: 75 Resp: 65385
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

