

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005081.D
 Acq On : 10 Jun 2021 16:52
 Operator : SY/MD
 Sample : M2672-04
 Misc : 11.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:06:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

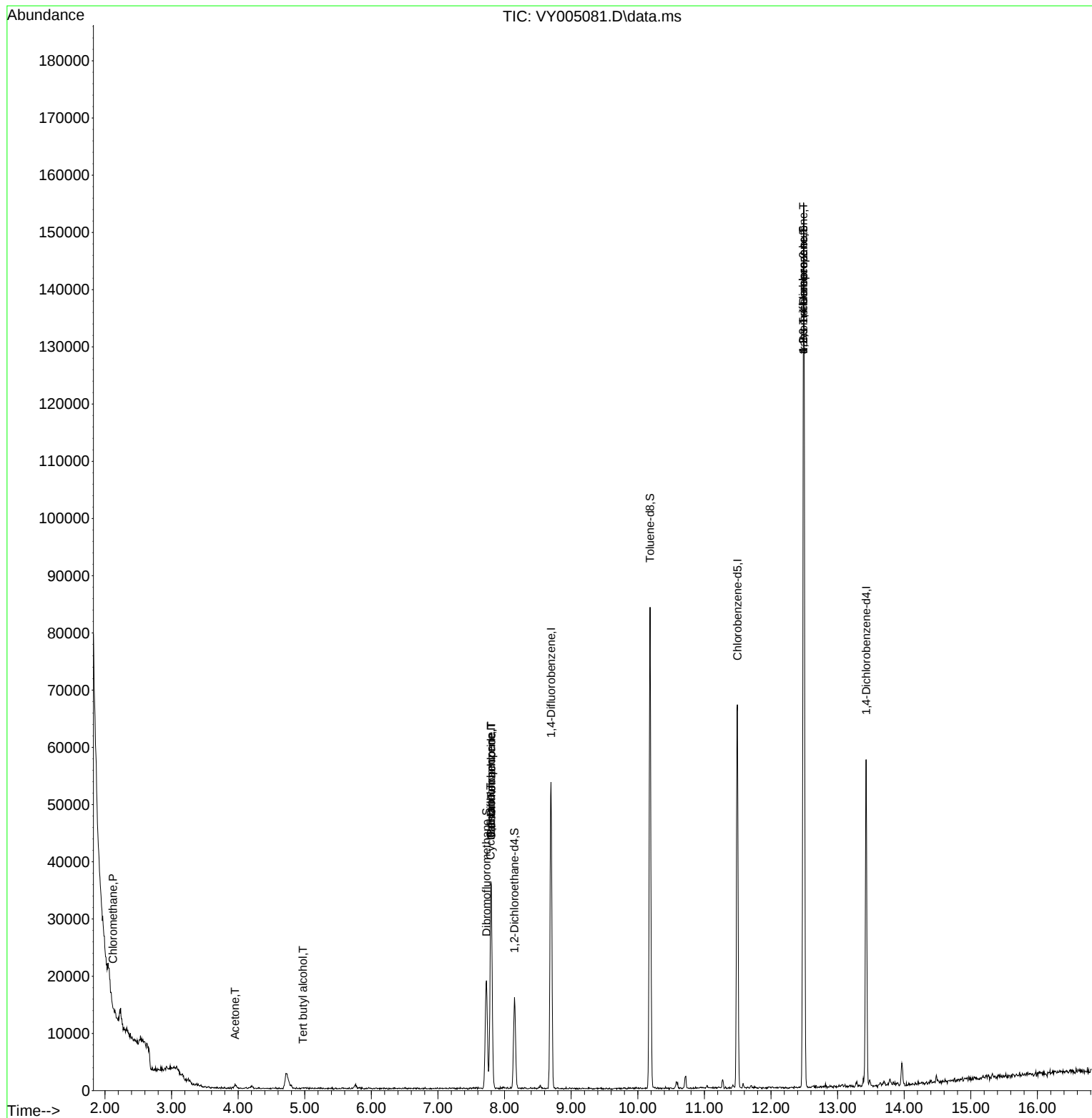
Internal Standards						
1) Pentafluorobenzene	7.795	168	27889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	45713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	37157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12201	41.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.760%
35) Dibromofluoromethane	7.728	113	13407	54.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.185	98	54321	53.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.483	95	13617	38.763	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	350	1.012	ug/l #	42
11) Tert butyl alcohol	4.973	59	57	1.681	ug/l #	74
16) Acetone	3.954	43	1144	16.118	ug/l	94
31) Cyclohexane	7.789	56	611	1.177	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	2271	5.076	ug/l #	48
38) Carbon Tetrachloride	7.801	117	2722	6.991	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	7948	49.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7948	91.858	ug/l #	18

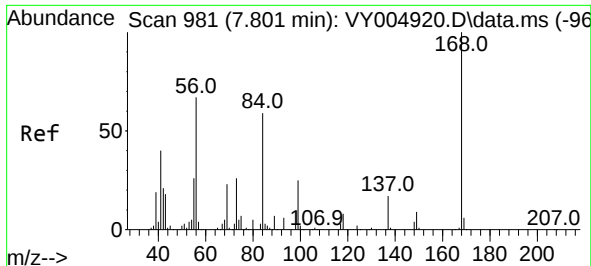
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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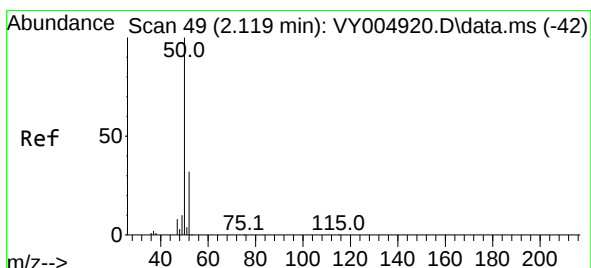
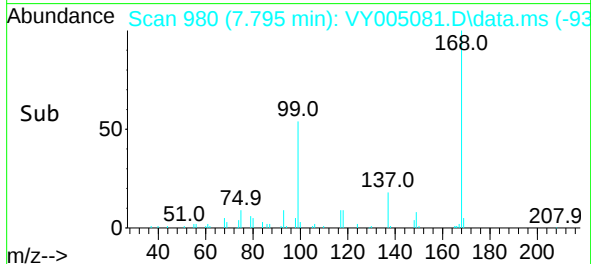
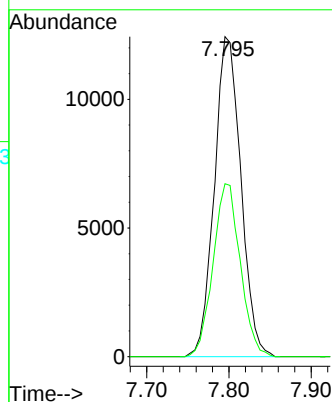
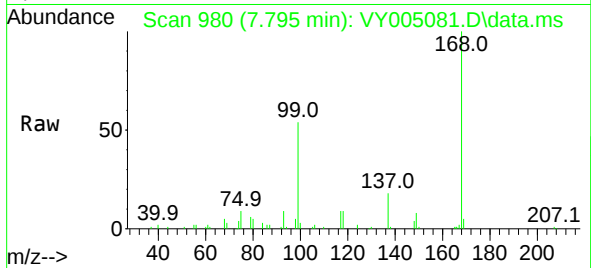




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

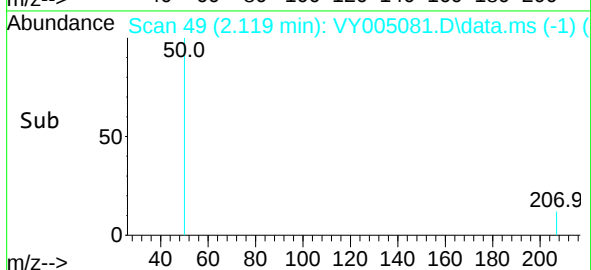
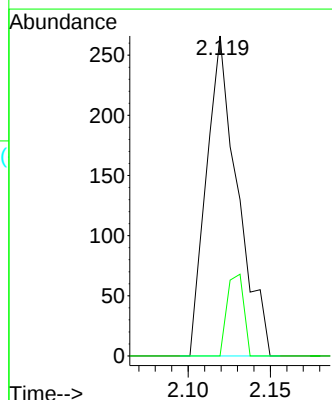
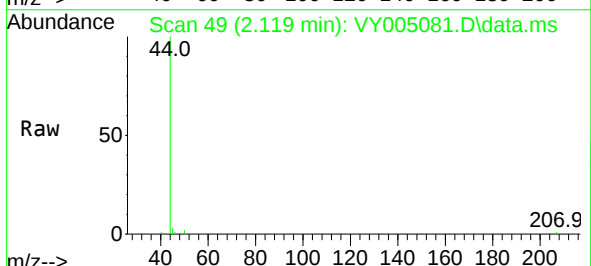
Instrument :
MSVOA_Y
ClientSampled :

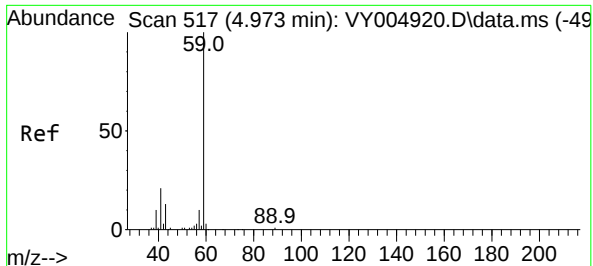
Tgt Ion:168 Resp: 27889
Ion Ratio Lower Upper
168 100
99 54.1 43.9 65.9



#3
Chloromethane
Concen: 1.012 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Tgt Ion: 50 Resp: 350
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



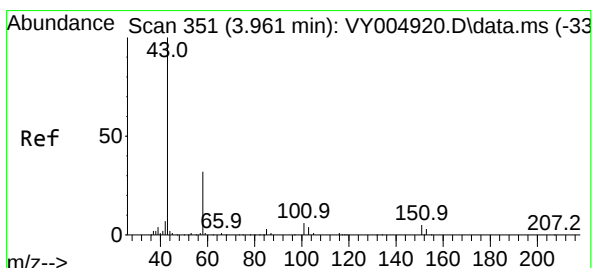
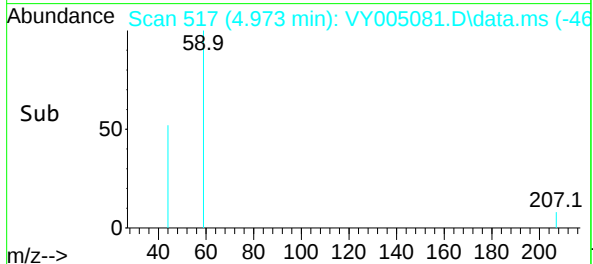
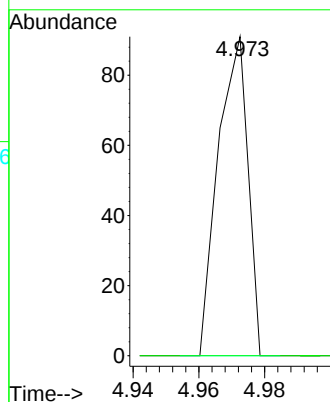
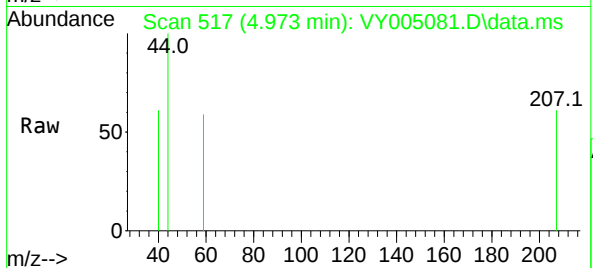


#11

Tert butyl alcohol
Concen: 1.681 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Instrument :
MSVOA_Y
ClientSampled :

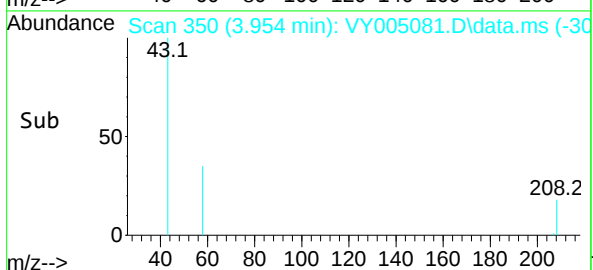
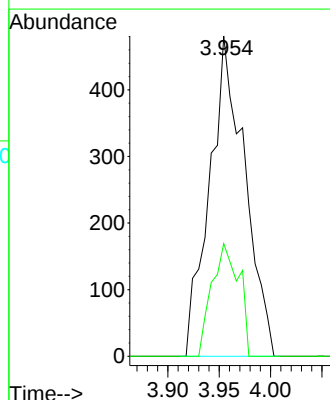
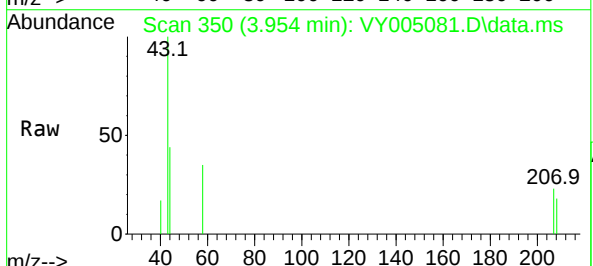
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

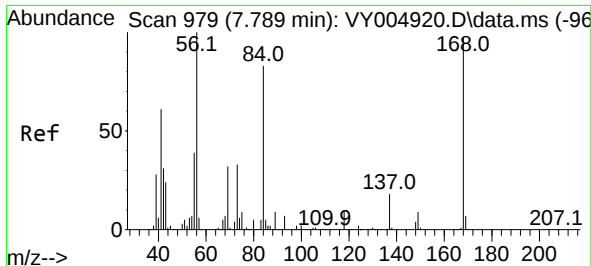


#16

Acetone
Concen: 16.118 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

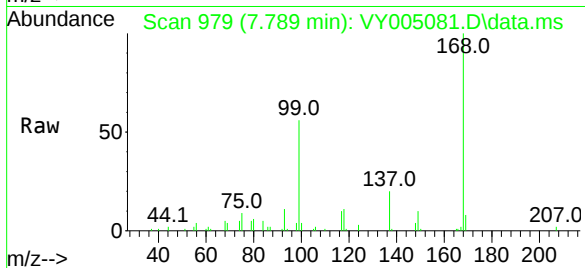
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 35.1 25.3 37.9



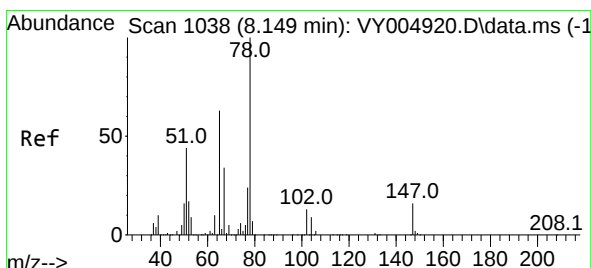
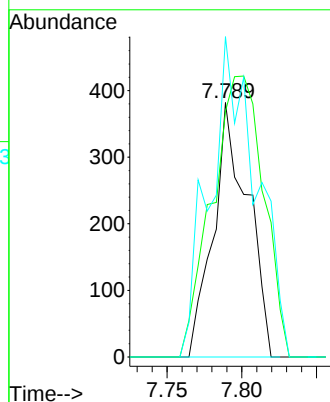
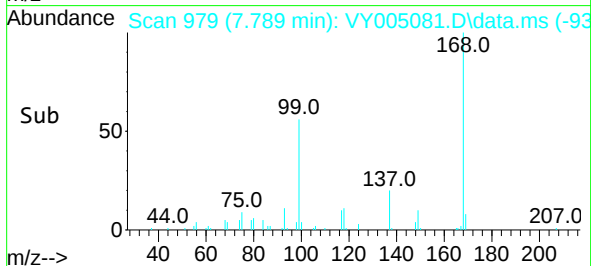


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

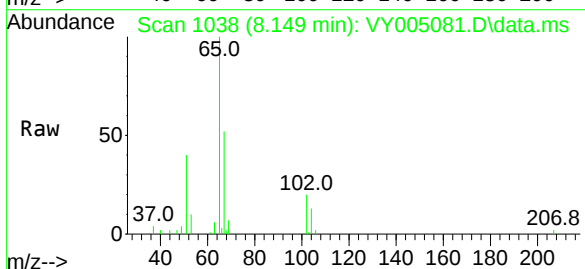
Instrument :
MSVOA_Y
ClientSampleId :



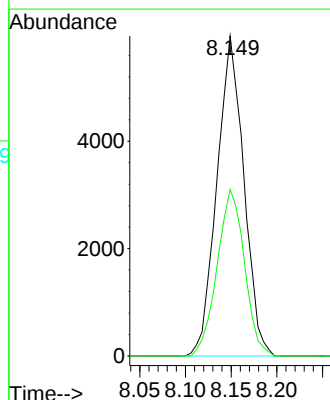
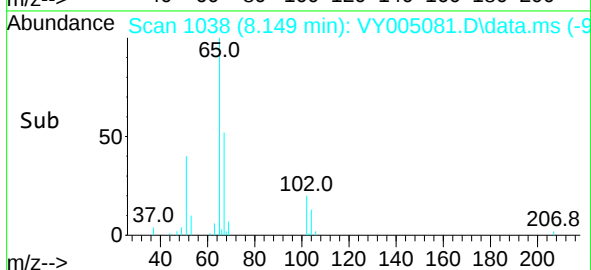
Tgt Ion: 56 Resp: 611
Ion Ratio Lower Upper
56 100
69 96.6 25.3 37.9#
84 125.9 66.2 99.4#

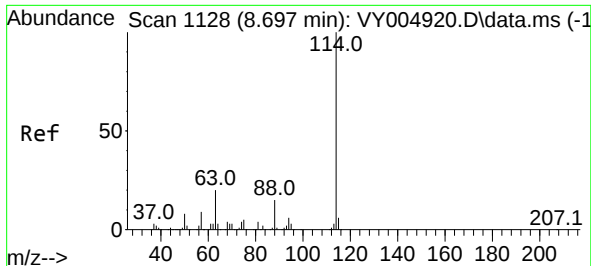


#33
1,2-Dichloroethane-d4
Concen: 41.382 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52



Tgt Ion: 65 Resp: 12201
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6

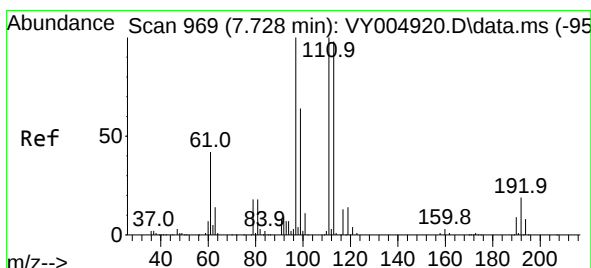
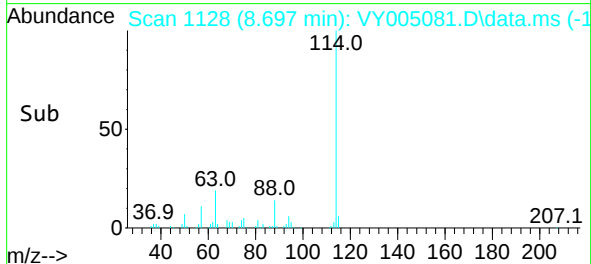
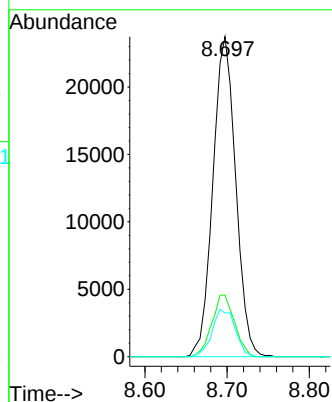
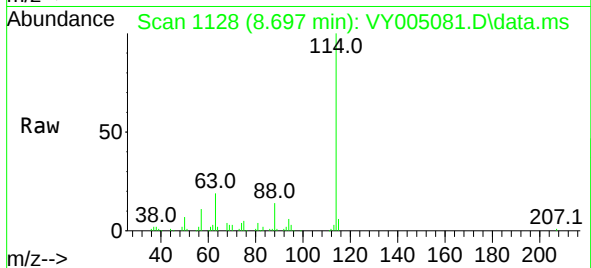




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

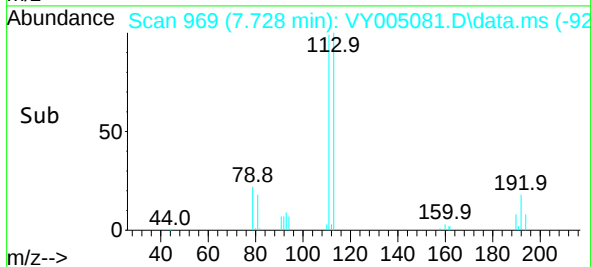
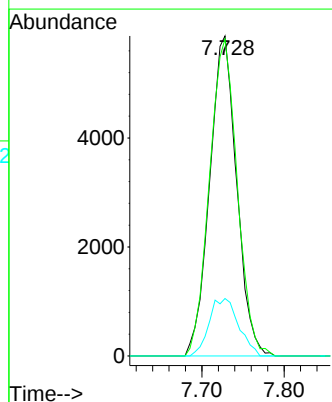
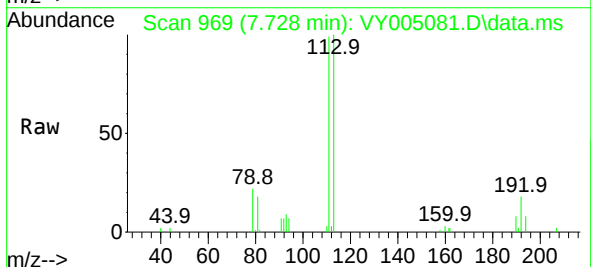
Instrument :
MSVOA_Y
ClientSampled :

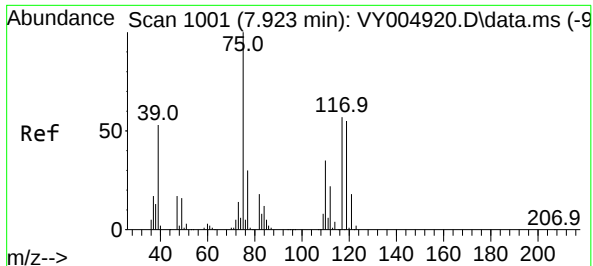
Tgt Ion:	114	Resp:	45713
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.0
88	13.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.513 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Tgt Ion:	113	Resp:	13407
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	19.6	15.3	22.9





#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

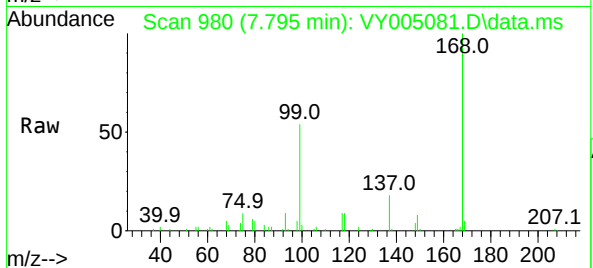
Lab File: VY005081.D

Acq: 10 Jun 2021 16:52

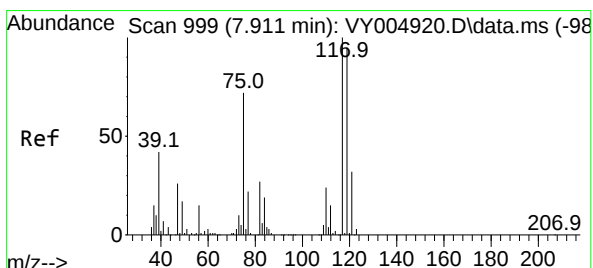
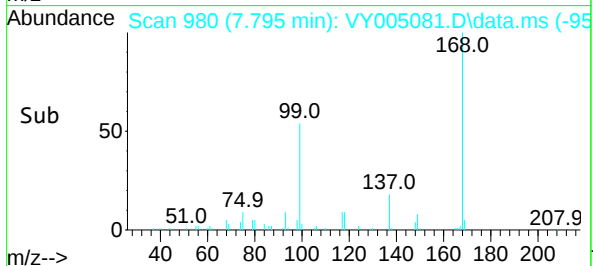
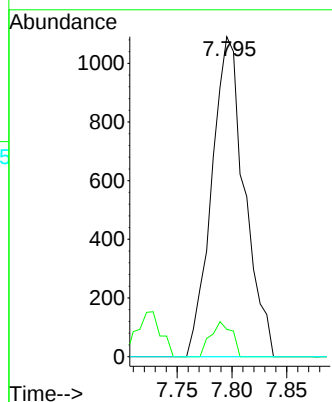
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 2271
Ion Ratio	Lower Upper
75 100	
110 7.0	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.991 ug/l

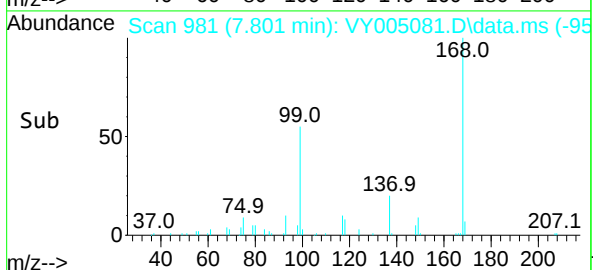
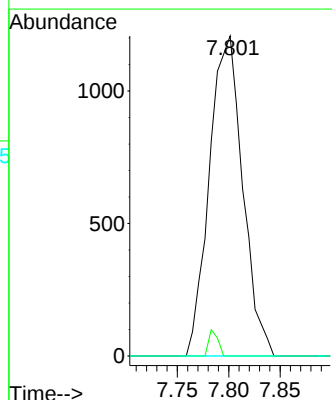
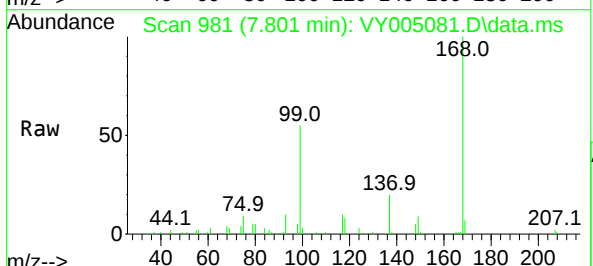
RT: 7.801 min Scan# 981

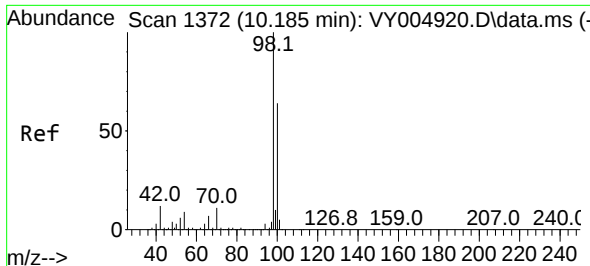
Delta R.T. -0.110 min

Lab File: VY005081.D

Acq: 10 Jun 2021 16:52

Tgt Ion: 117	Resp: 2722
Ion Ratio	Lower Upper
117 100	
119 0.0	76.1 114.1#
121 0.0	25.5 38.3#

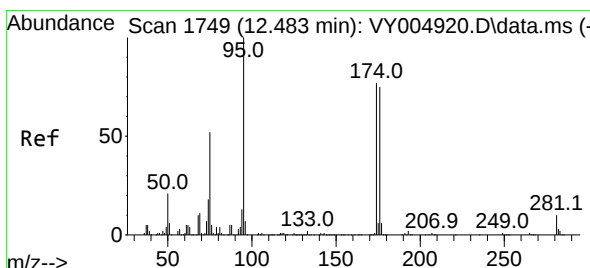
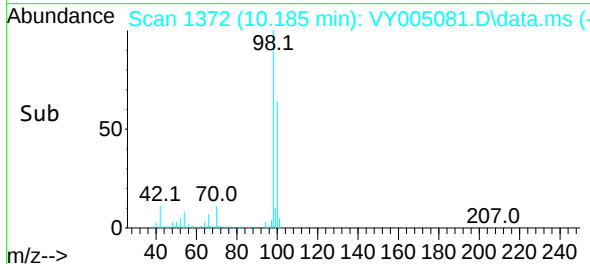
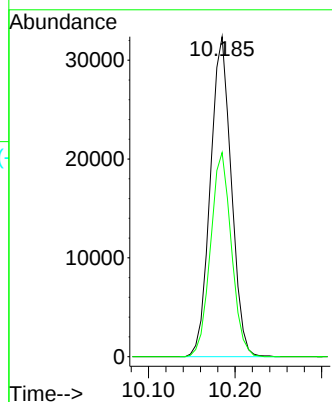
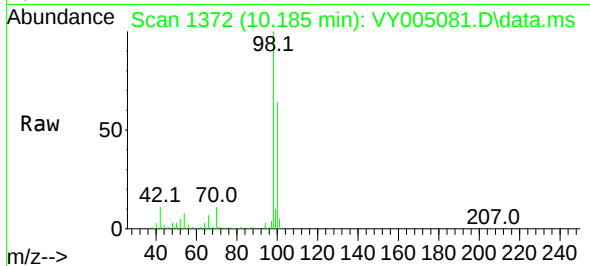




#50
Toluene-d8
Concen: 53.181 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

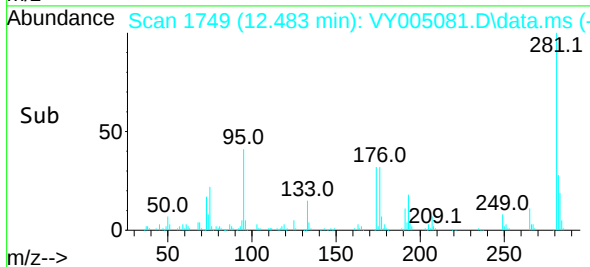
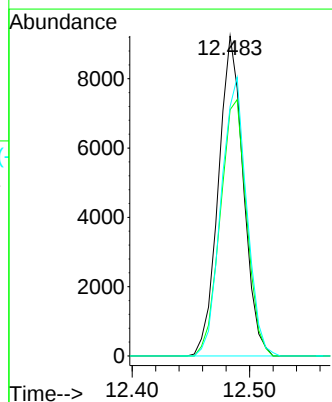
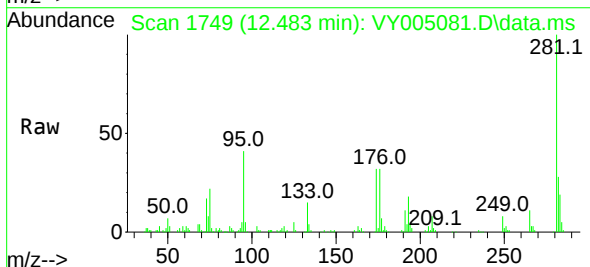
Instrument :
MSVOA_Y
ClientSampled :

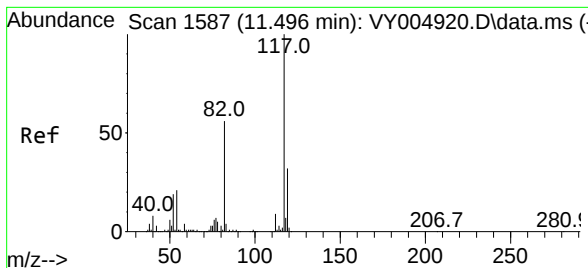
Tgt Ion: 98 Resp: 54321
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 38.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Tgt Ion: 95 Resp: 13617
Ion Ratio Lower Upper
95 100
174 84.5 0.0 160.8
176 89.0 0.0 155.6

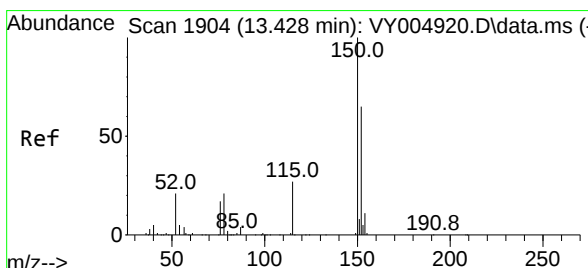
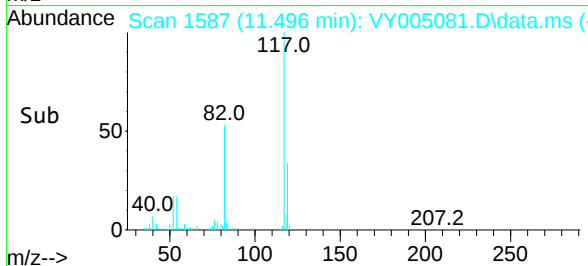
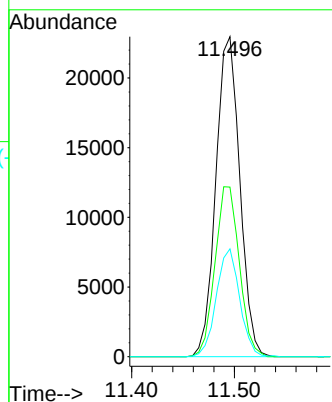
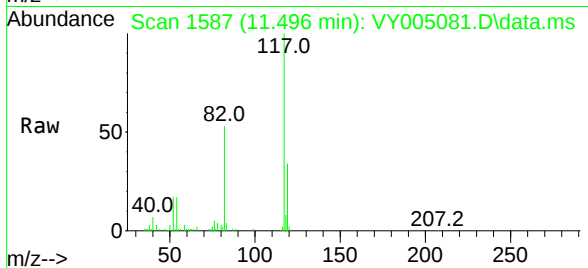




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

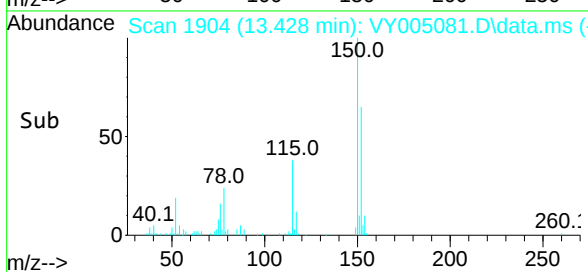
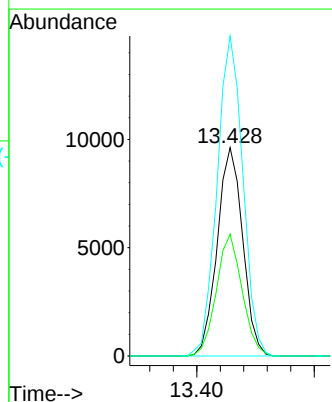
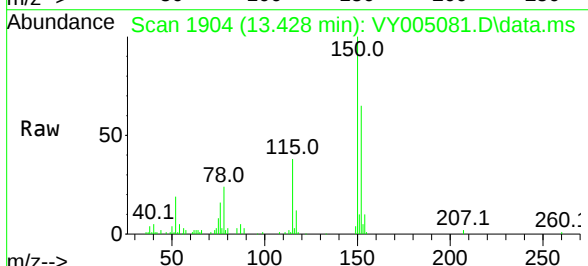
Instrument :
MSVOA_Y
ClientSampleId :

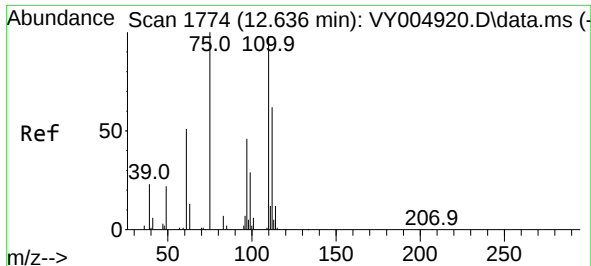
Tgt Ion:117 Resp: 37157
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 33.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Tgt Ion:152 Resp: 14506
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 155.3 0.0 347.8

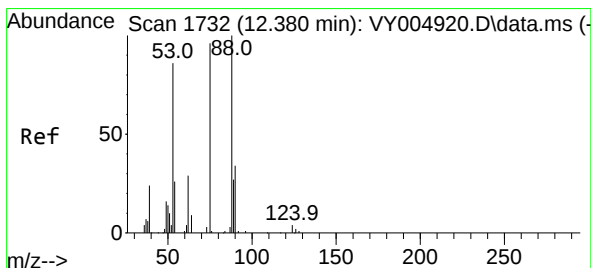
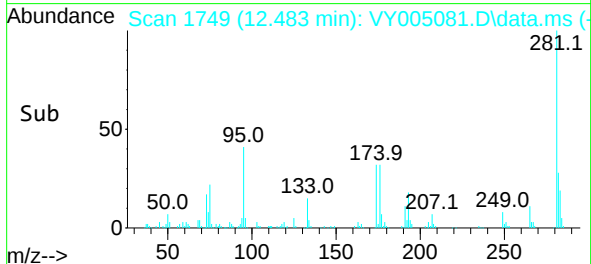
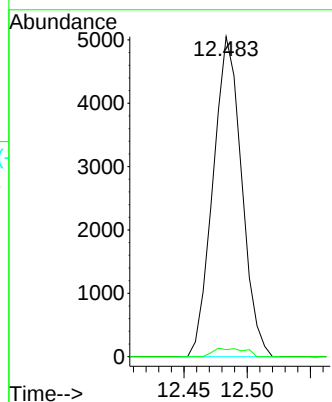
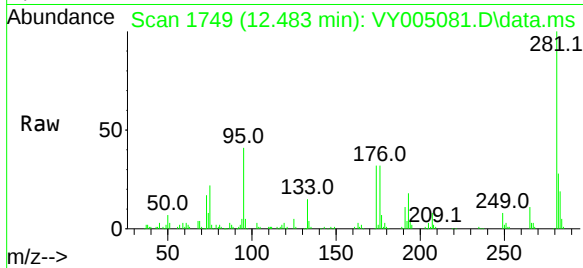




#76
1,2,3-Trichloropropane
Concen: 49.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 7948
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005081.D
Acq: 10 Jun 2021 16:52

Tgt Ion: 75 Resp: 7948
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 5.2 35.0 52.6#

