

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005086.D
 Acq On : 10 Jun 2021 18:48
 Operator : SY/MD
 Sample : M2672-09
 Misc : 5.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:08:00 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	7.801	168	150561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95462	59.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.960%
35) Dibromofluoromethane	7.728	113	85491	58.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.140%
50) Toluene-d8	10.185	98	340931	55.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.520%
62) 4-Bromofluorobenzene	12.483	95	115445	54.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.800%

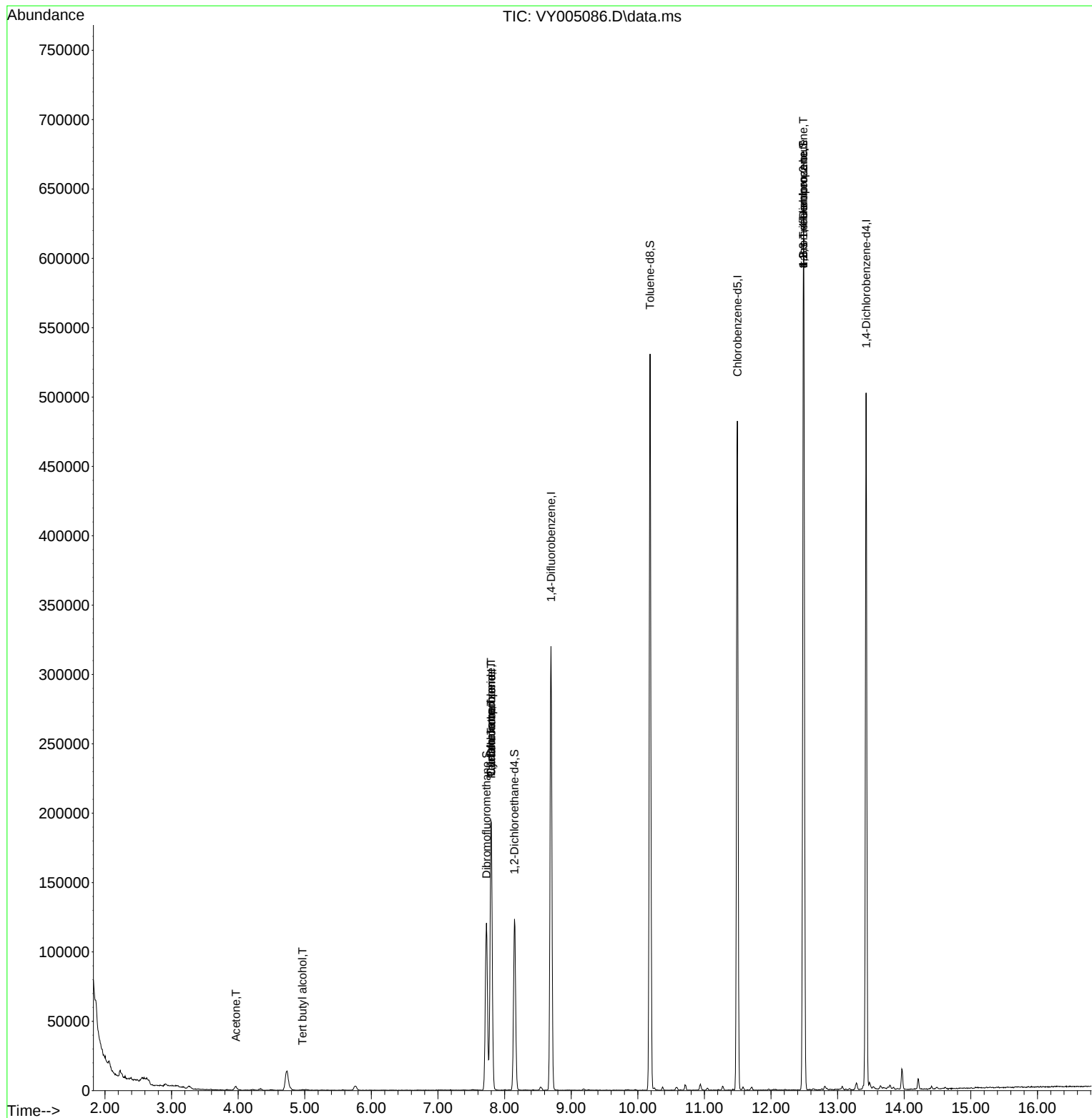
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	993	5.425	ug/l #	74
13) Acrolein	3.741	56	41	Below Cal	#	15
16) Acetone	3.966	43	4600	12.005	ug/l #	88
20) Methylene Chloride	4.728	84	10720	Below Cal	#	84
31) Cyclohexane	7.795	56	3328	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11535	4.307	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14791	6.346	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	63437	46.819	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63437	86.042	ug/l #	16

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

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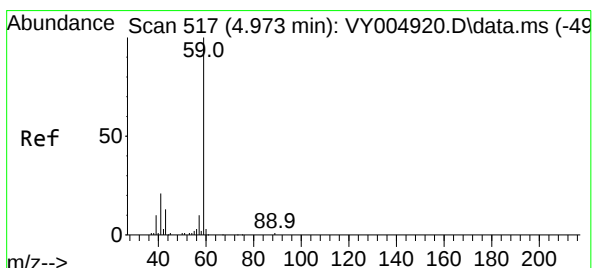
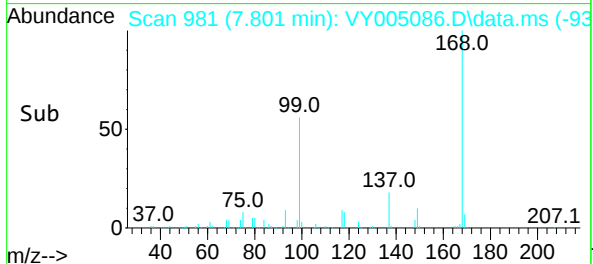
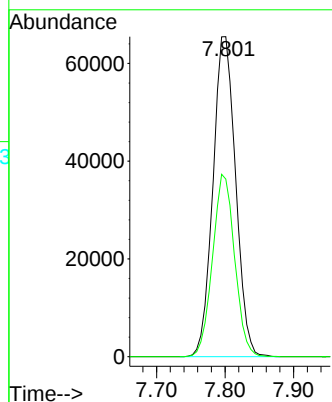
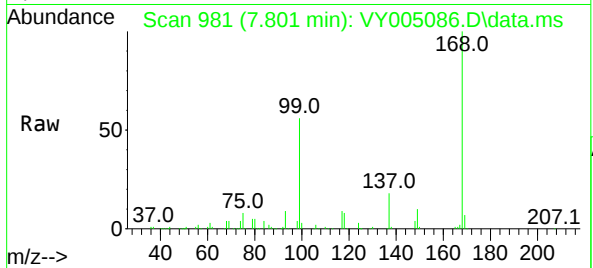




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

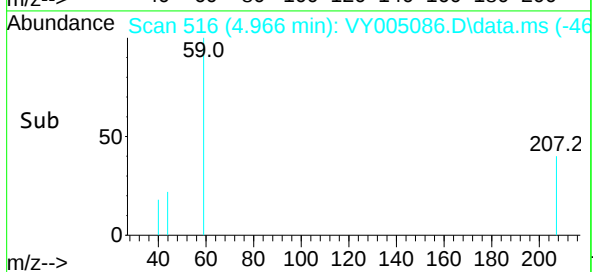
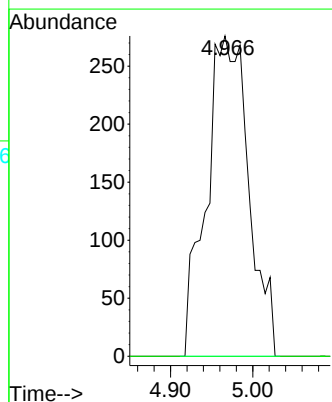
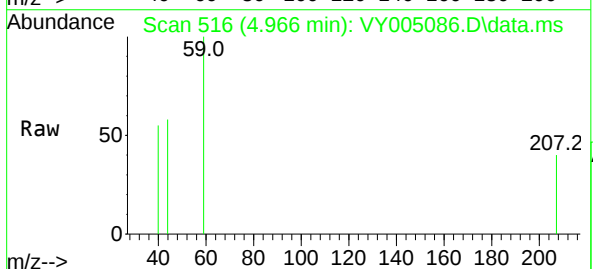
Instrument :
MSVOA_Y
ClientSampleId :

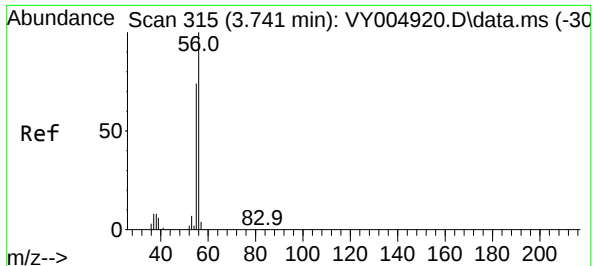
Tgt Ion:168 Resp: 150561
Ion Ratio Lower Upper
168 100
99 55.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 5.425 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Tgt Ion: 59 Resp: 993
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

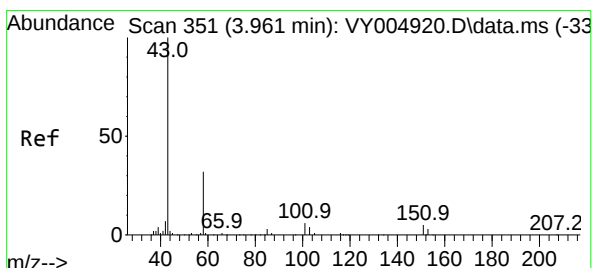
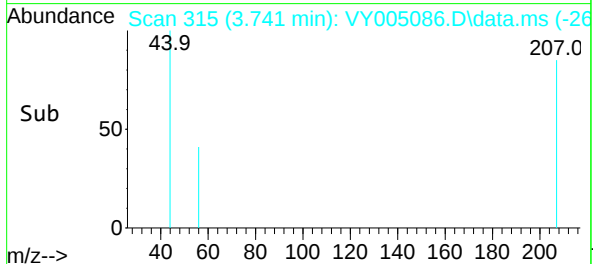
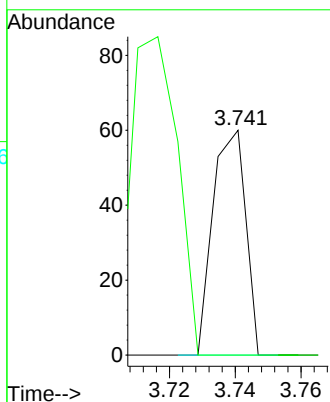
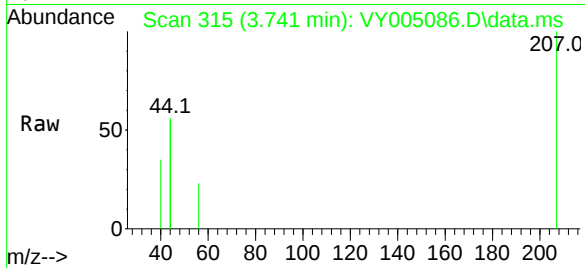




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

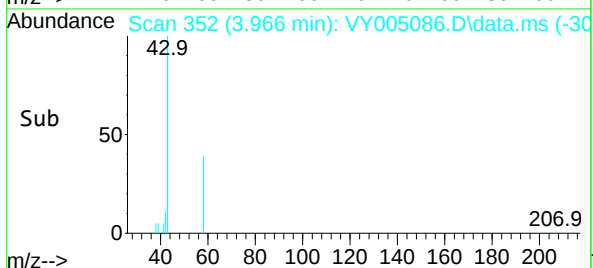
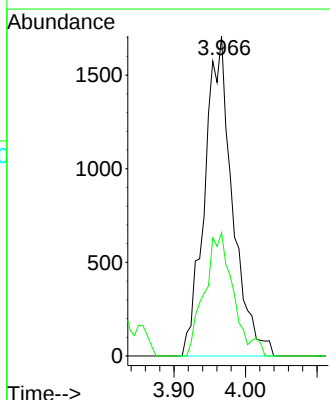
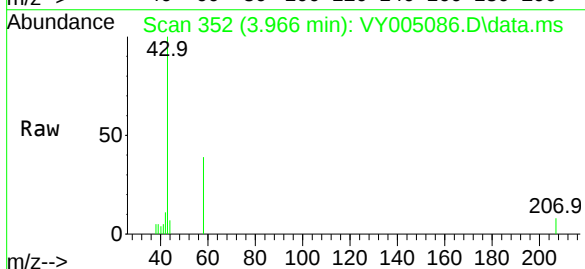
Instrument :
MSVOA_Y
ClientSampled :

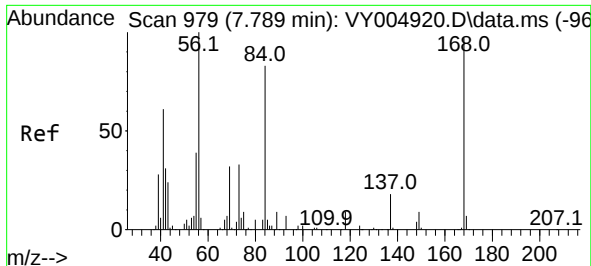
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 12.005 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

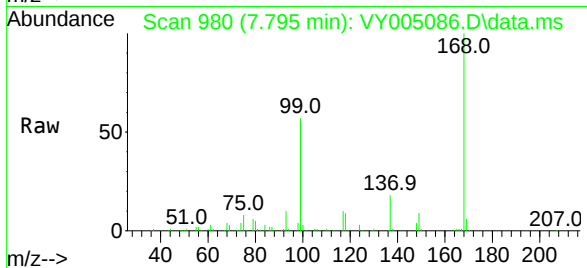
Tgt Ion: 43 Resp: 4600
Ion Ratio Lower Upper
43 100
58 38.5 25.3 37.9#



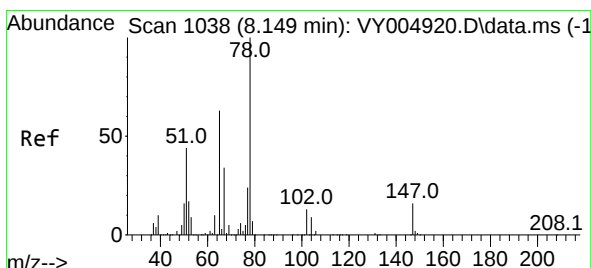
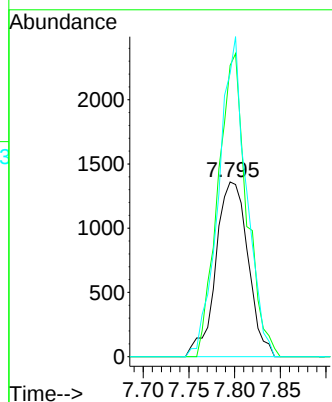
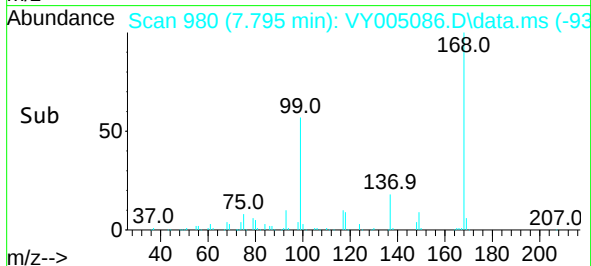


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

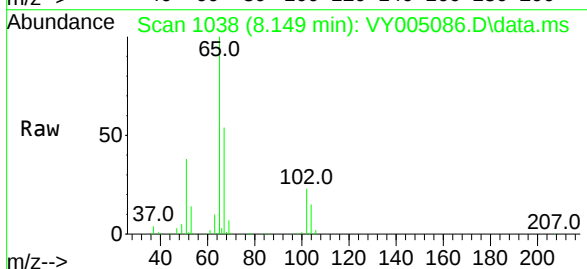
Instrument :
MSVOA_Y
ClientSampled :



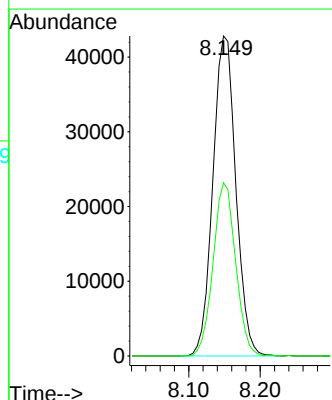
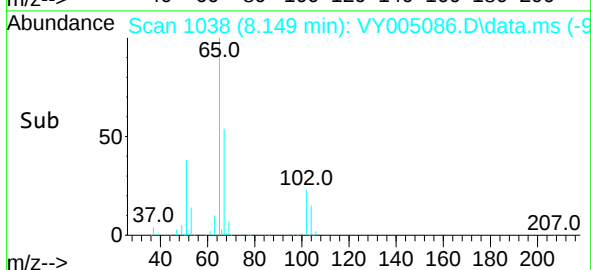
Tgt Ion: 56 Resp: 3328
Ion Ratio Lower Upper
56 100
69 166.7 25.3 37.9#
84 162.2 66.2 99.4#

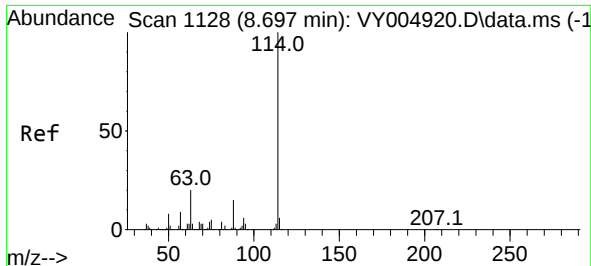


#33
1,2-Dichloroethane-d4
Concen: 59.975 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48



Tgt Ion: 65 Resp: 95462
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6

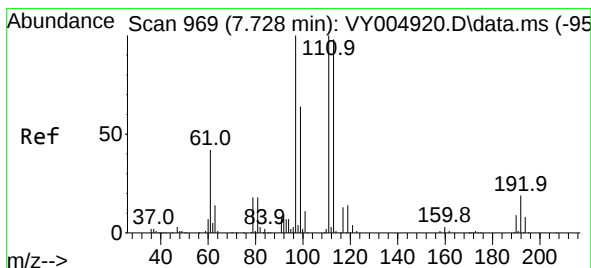
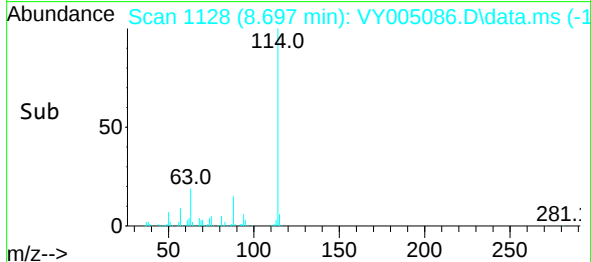
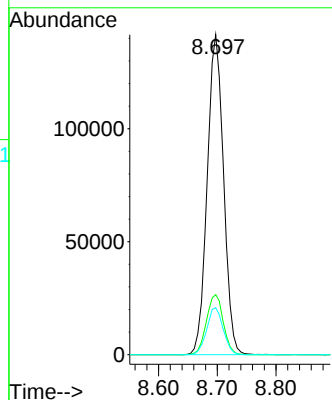
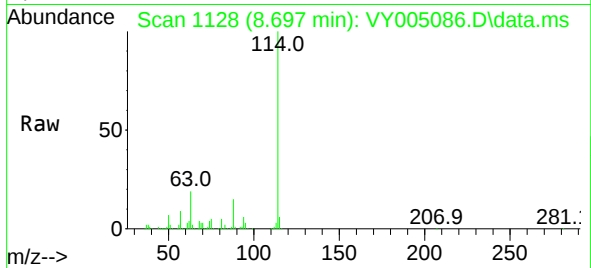




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

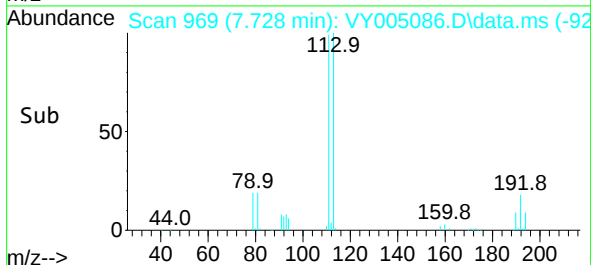
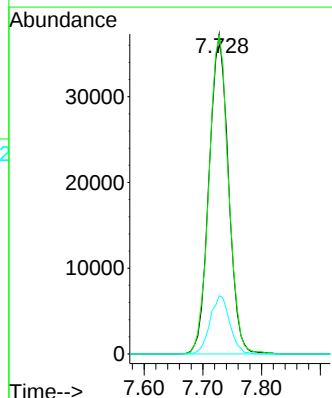
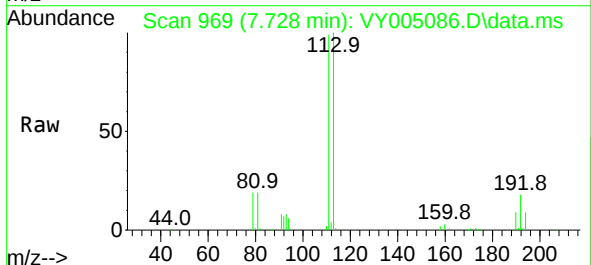
Instrument :
MSVOA_Y
ClientSampled :

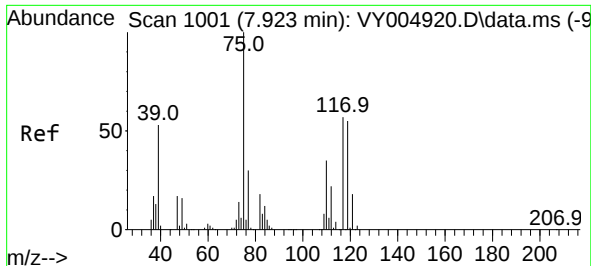
Tgt Ion:114 Resp: 273658
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.0
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.066 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Tgt Ion:113 Resp: 85491
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.8
192 18.4 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.307 ug/l

RT: 7.795 min Scan# 980

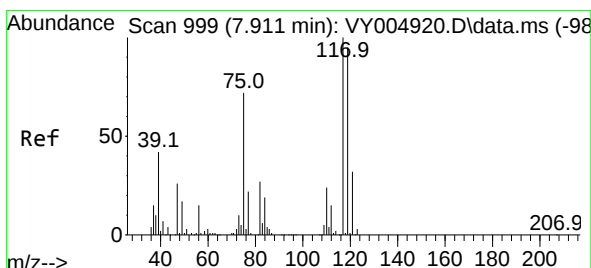
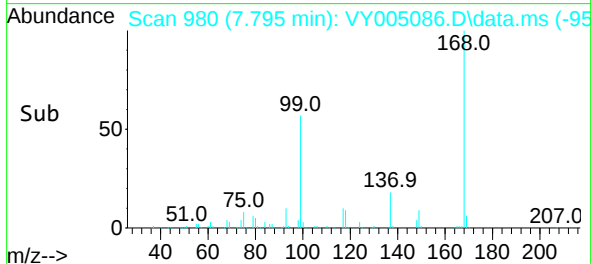
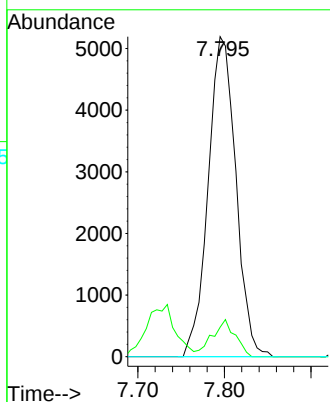
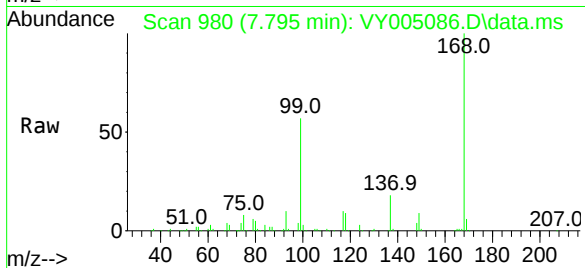
Delta R.T. -0.128 min

Lab File: VY005086.D

Acq: 10 Jun 2021 18:48

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 11535
Ion Ratio	Lower Upper
75 100	
110 9.7	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.346 ug/l

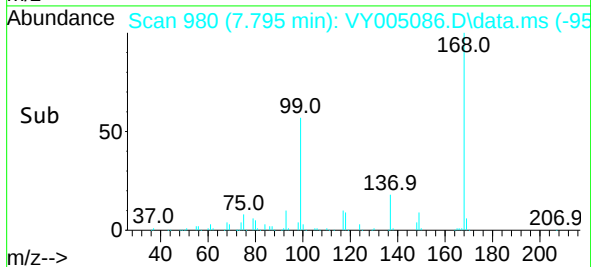
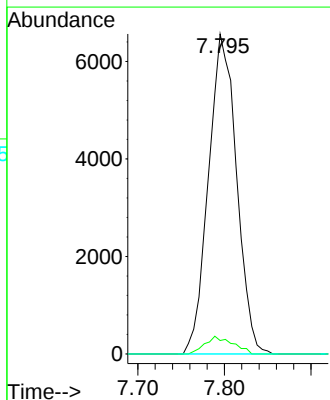
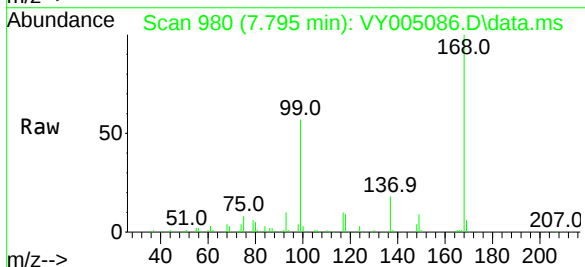
RT: 7.795 min Scan# 980

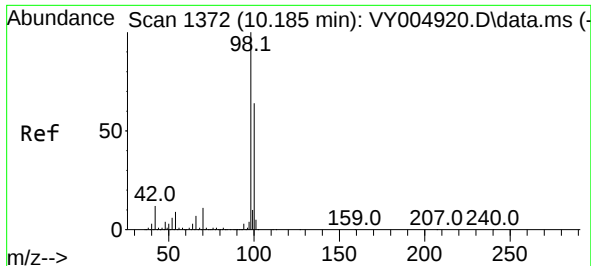
Delta R.T. -0.116 min

Lab File: VY005086.D

Acq: 10 Jun 2021 18:48

Tgt Ion: 117	Resp: 14791
Ion Ratio	Lower Upper
117 100	
119 4.2	76.1 114.1#
121 0.0	25.5 38.3#

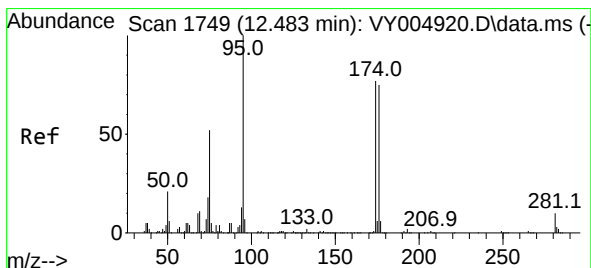
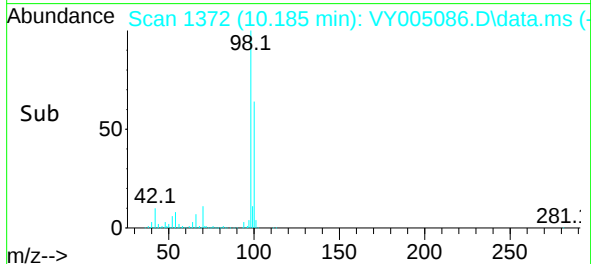
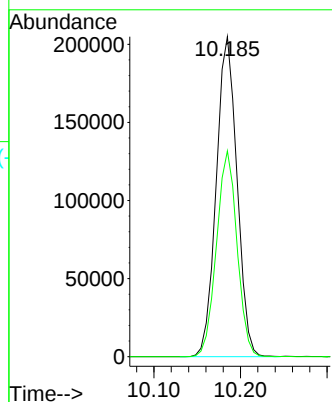
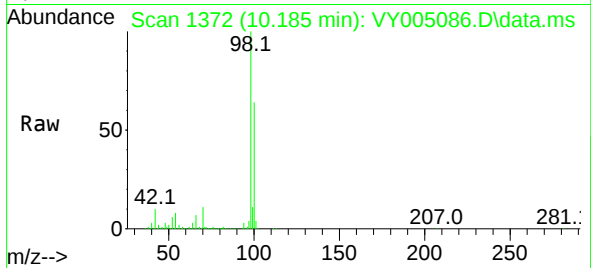




#50
Toluene-d8
Concen: 55.756 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

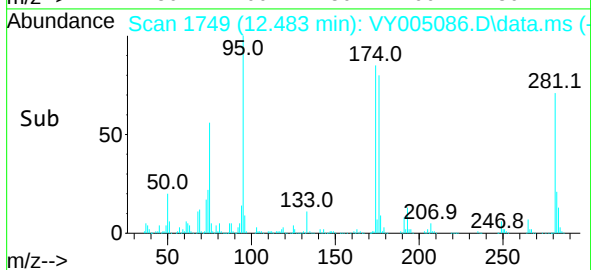
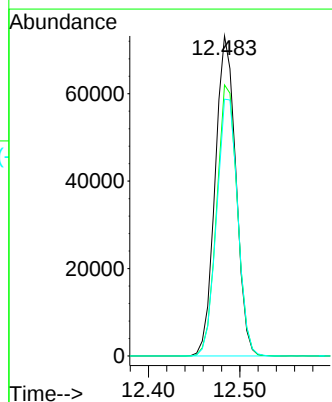
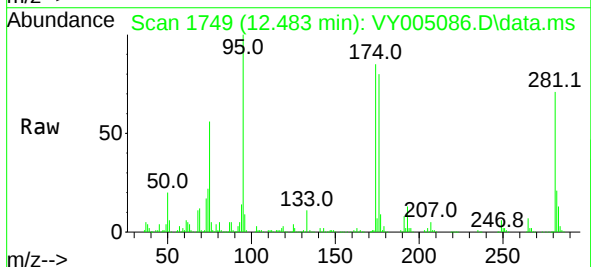
Instrument :
MSVOA_Y
ClientSampled :

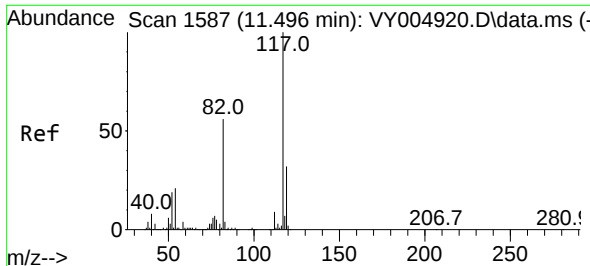
Tgt Ion: 98 Resp: 340931
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Tgt Ion: 95 Resp: 115445
Ion Ratio Lower Upper
95 100
174 84.1 0.0 160.8
176 81.9 0.0 155.6

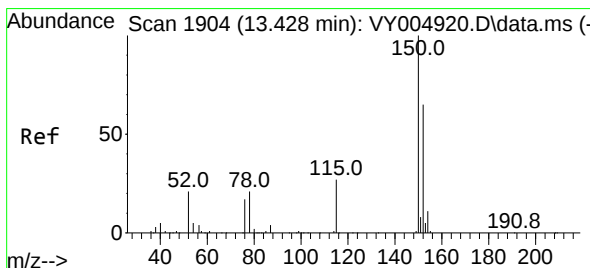
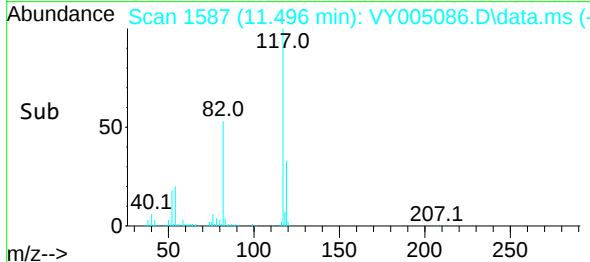
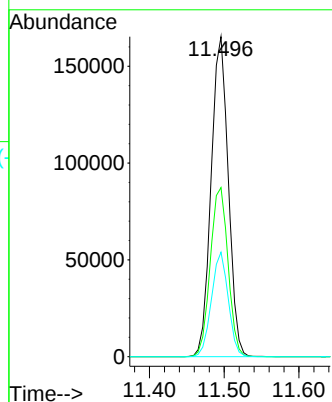
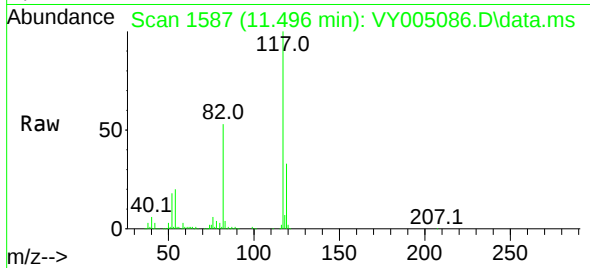




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

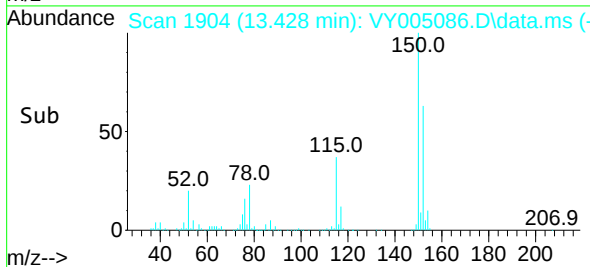
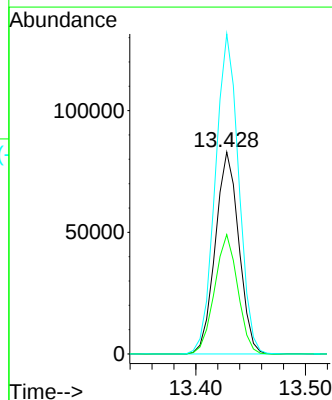
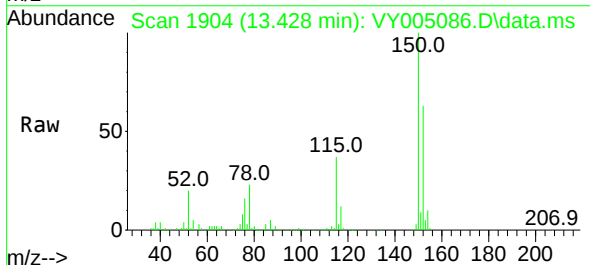
Instrument :
MSVOA_Y
ClientSampleId :

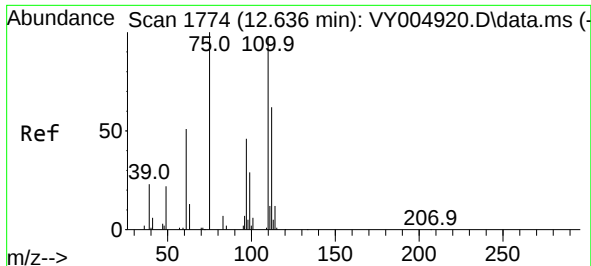
Tgt Ion:117 Resp: 263679
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Tgt Ion:152 Resp: 123605
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 158.0 0.0 347.8

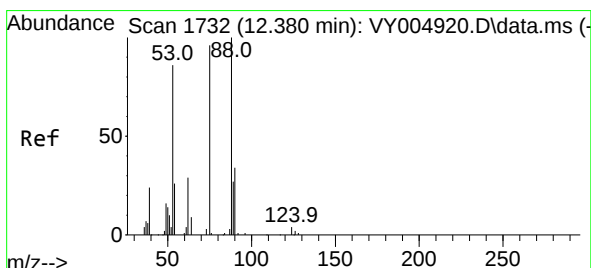
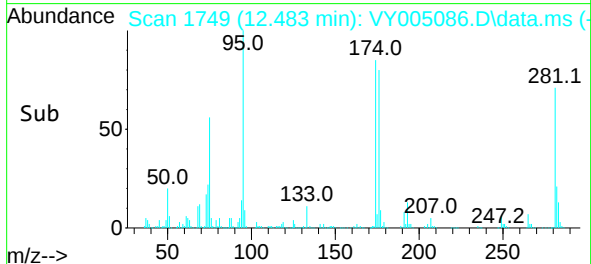
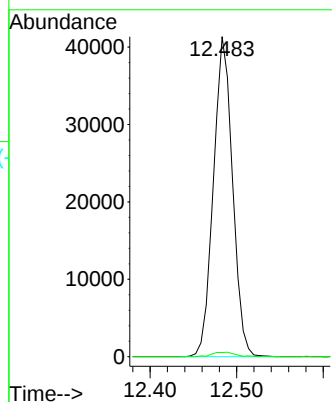
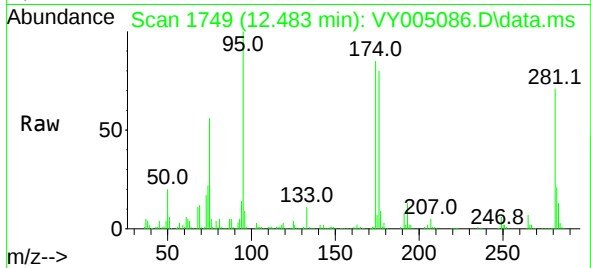




#76
1,2,3-Trichloropropane
Concen: 46.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 63437
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005086.D
Acq: 10 Jun 2021 18:48

Tgt Ion: 75 Resp: 63437
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.6 35.0 52.6#

