

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005100.D
 Acq On : 11 Jun 2021 02:06
 Operator : SY/MD
 Sample : M2672-15
 Misc : 8.40G/5ML/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:07:21 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)

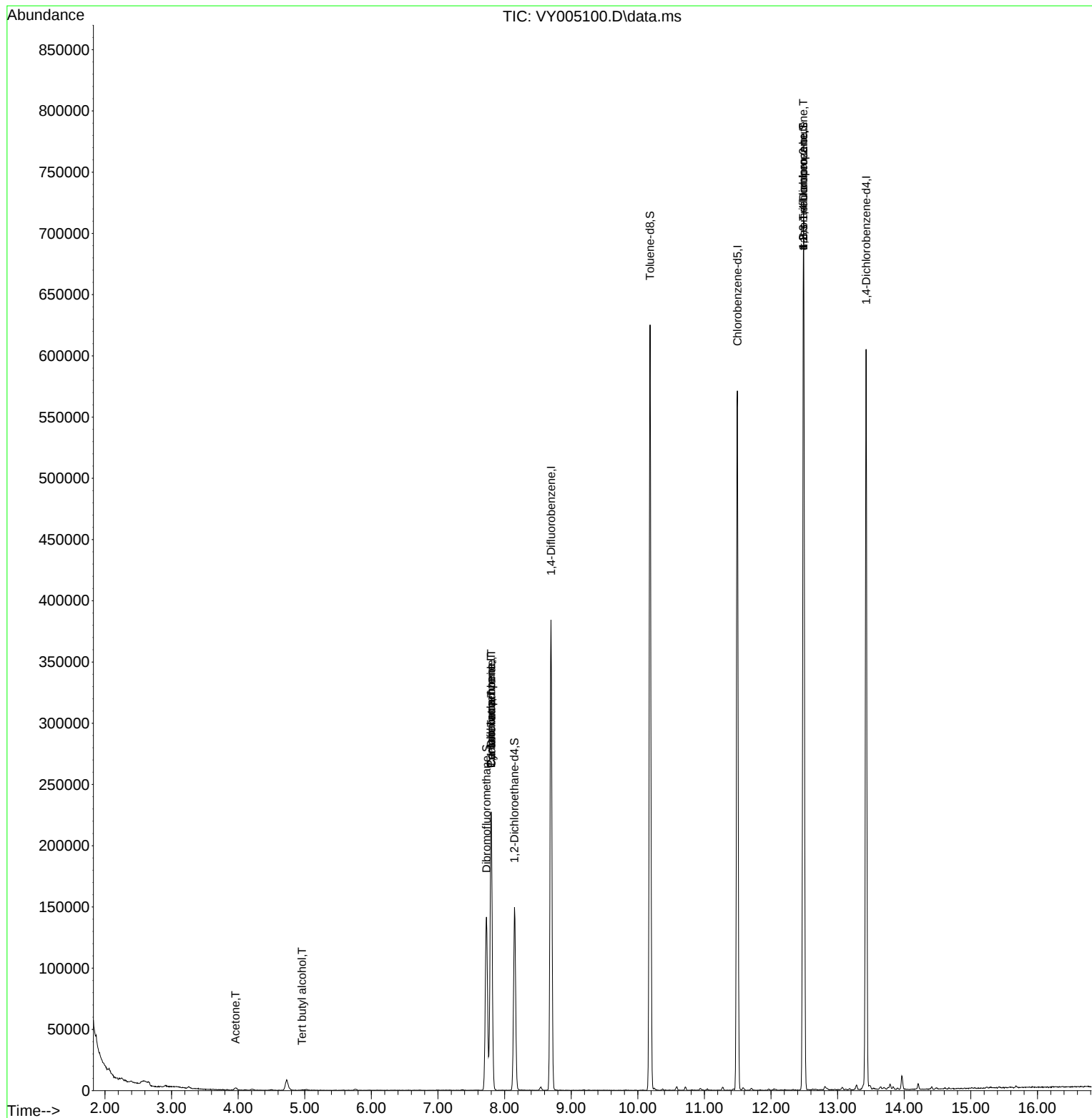
Internal Standards						
1) Pentafluorobenzene	7.795	168	179619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	318415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114860	60.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.980%	
35) Dibromofluoromethane	7.728	113	101029	57.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.420%	
50) Toluene-d8	10.185	98	407563	55.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.140%	
62) 4-Bromofluorobenzene	12.483	95	140031	55.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	368	1.685	ug/l #	74
16) Acetone	3.960	43	3011	6.587	ug/l	100
20) Methylene Chloride	4.728	84	6105	Below Cal	#	87
31) Cyclohexane	7.801	56	3591	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13257	4.127	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17771	6.357	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76672	46.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76672	85.604	ug/l #	16

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

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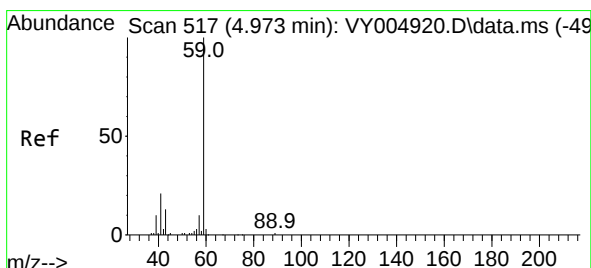
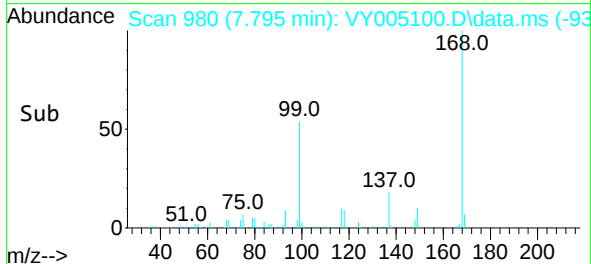
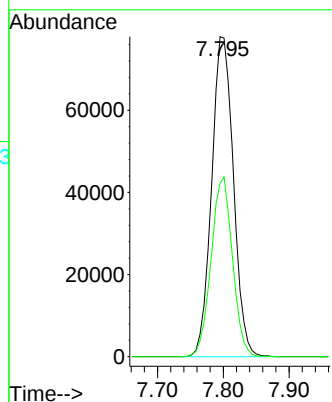
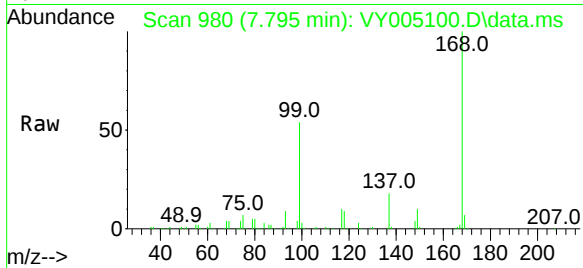




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

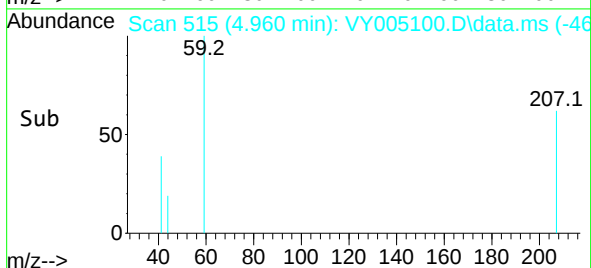
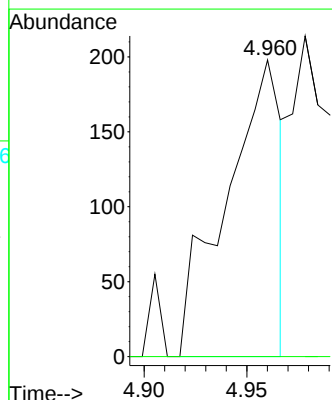
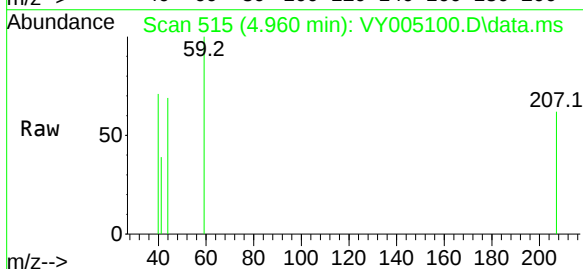
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 179619
Ion Ratio Lower Upper
168 100
99 54.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.685 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

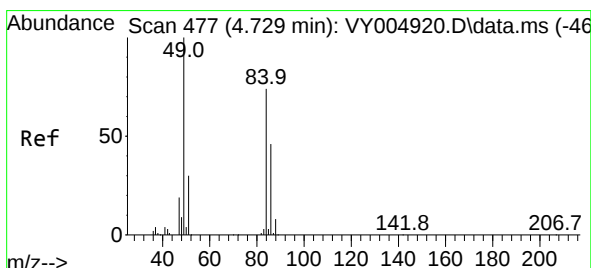
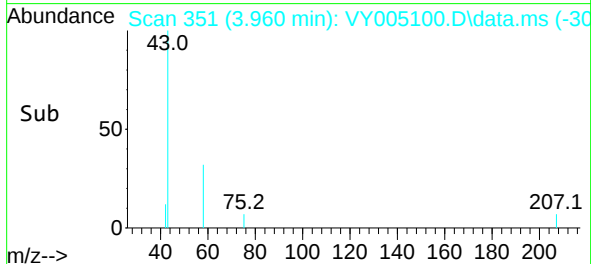
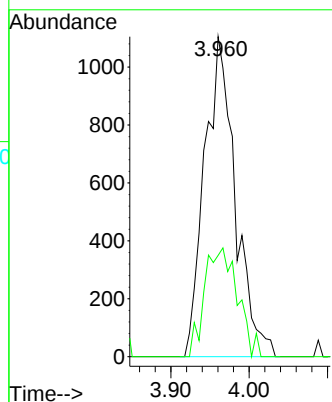
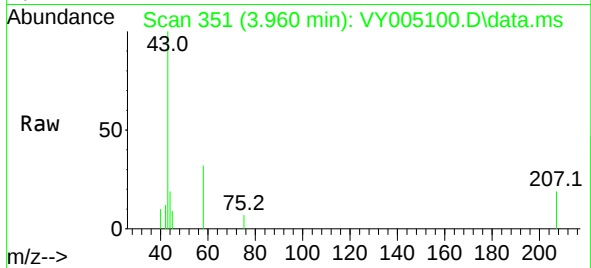




#16
Acetone
Concen: 6.587 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

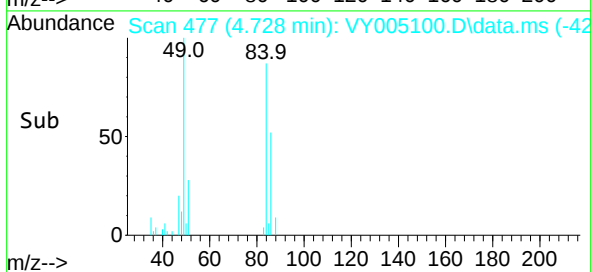
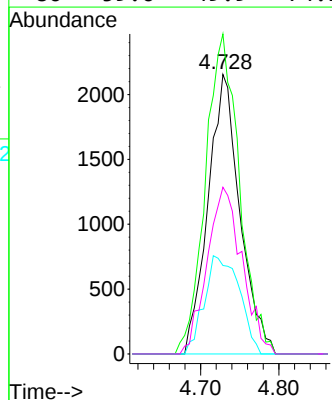
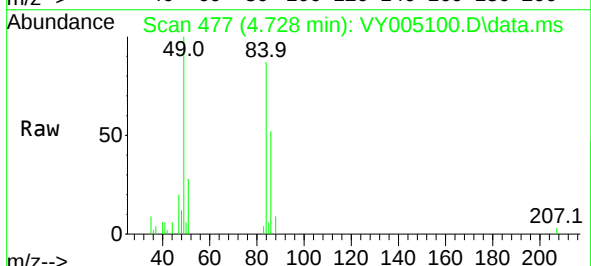
Instrument :
MSVOA_Y
ClientSampled :

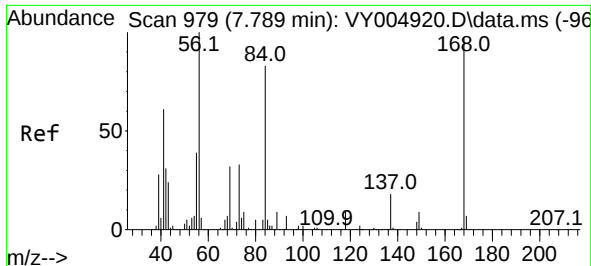
Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

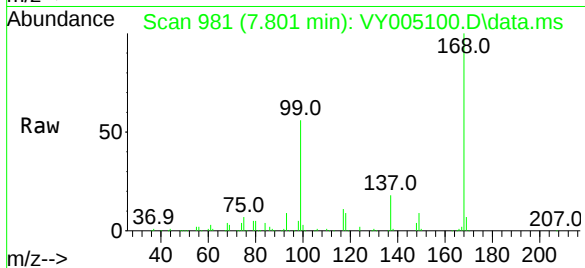
Tgt Ion: 84 Resp: 6105
Ion Ratio Lower Upper
84 100
49 114.5 108.0 162.0
51 31.6 32.6 48.8#
86 59.6 49.9 74.9



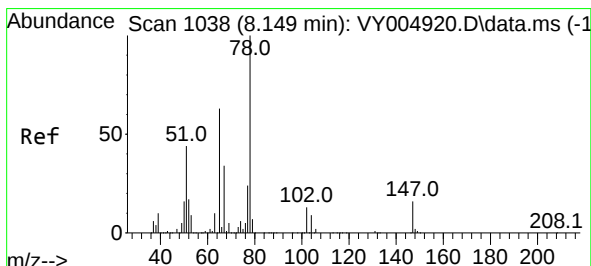
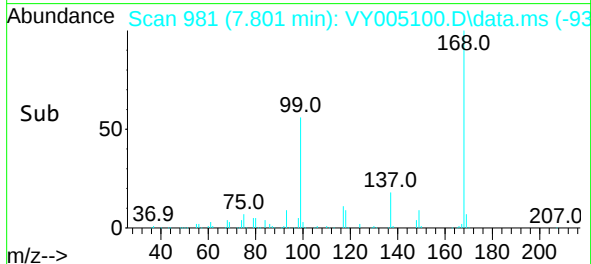
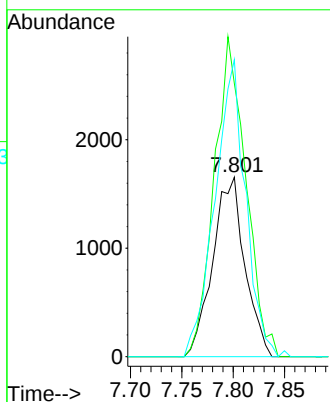


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Instrument :
MSVOA_Y
ClientSampleId :

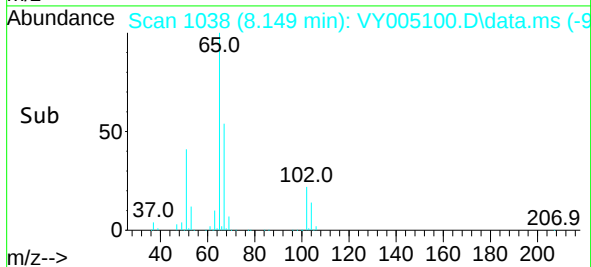
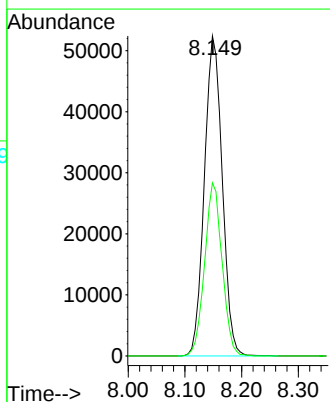
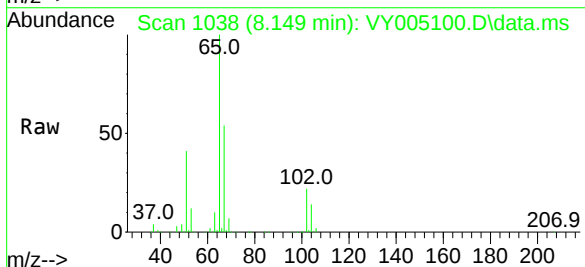


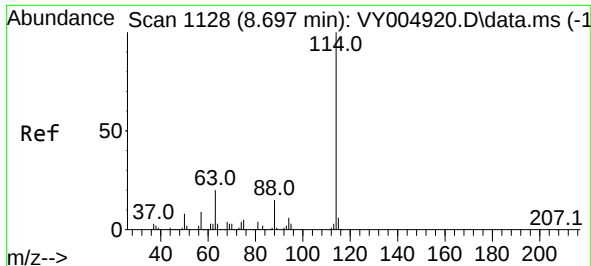
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 152.1 25.3 37.9#
84 165.3 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 60.488 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion: 65 Resp: 114860
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6



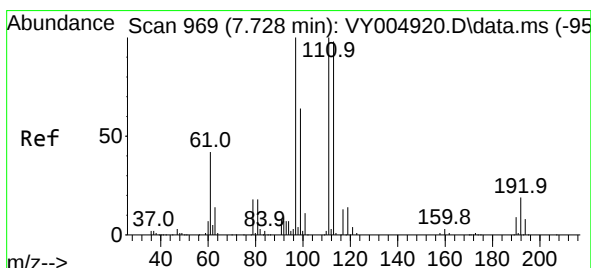
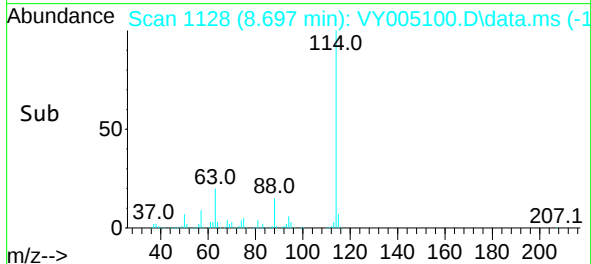
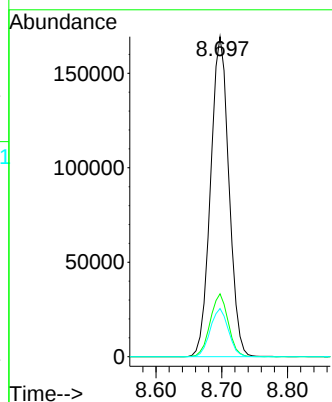
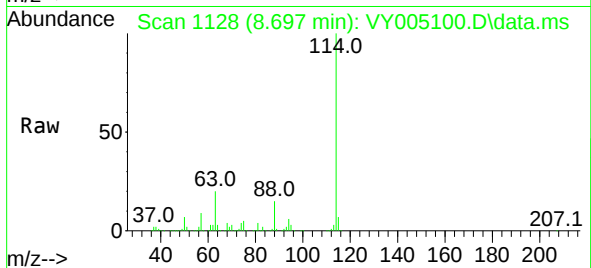


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Instrument :
MSVOA_Y
ClientSampleId :

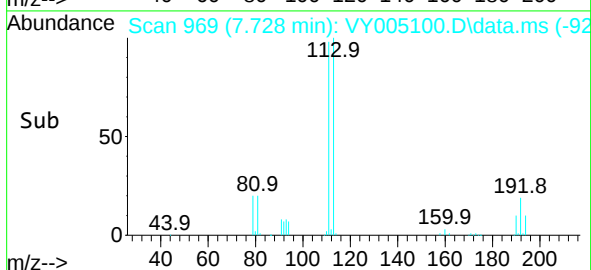
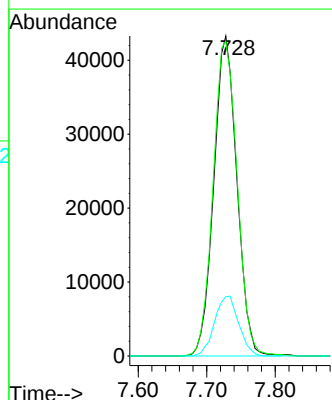
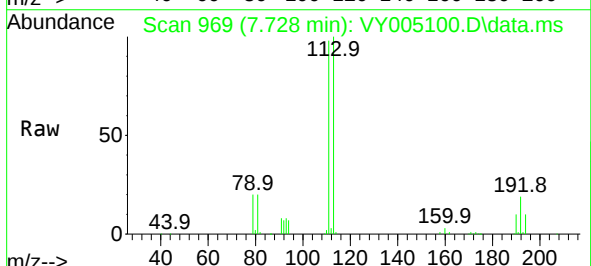
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.0
88	15.1	0.0	30.6

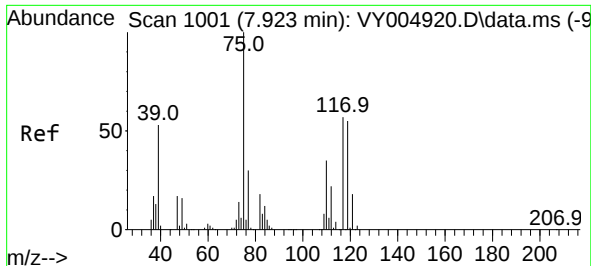


#35

Dibromofluoromethane
Concen: 57.210 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	19.5	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.127 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

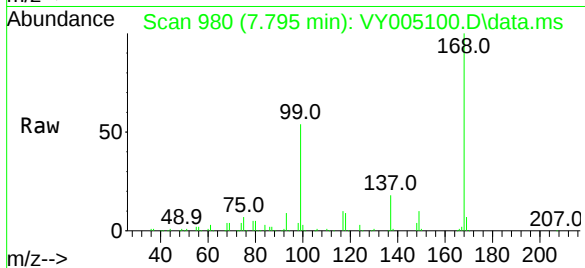
Lab File: VY005100.D

Acq: 11 Jun 2021 02:06

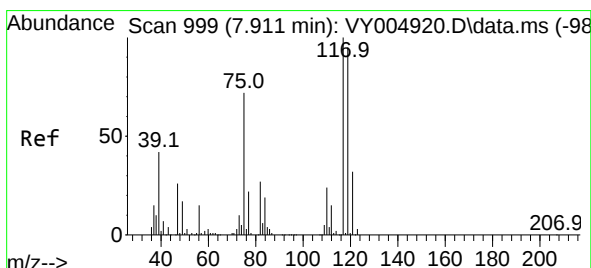
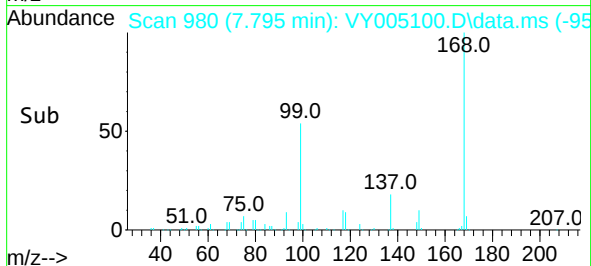
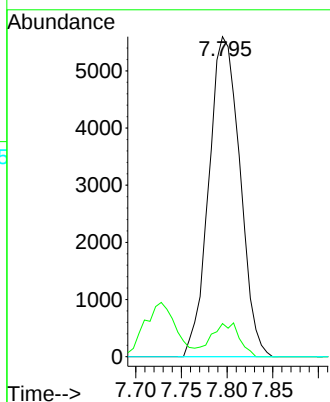
Instrument :

MSVOA_Y

ClientSampled :



Tgt Ion:	75	Resp:	13257
Ion Ratio	Lower	Upper	
75	100		
110	9.6	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.357 ug/l

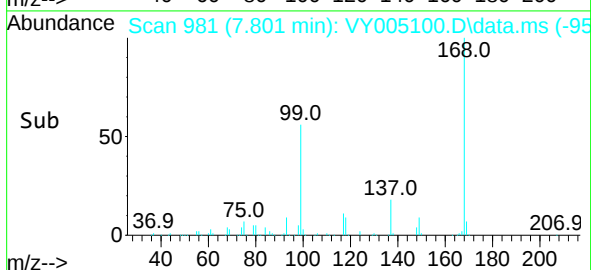
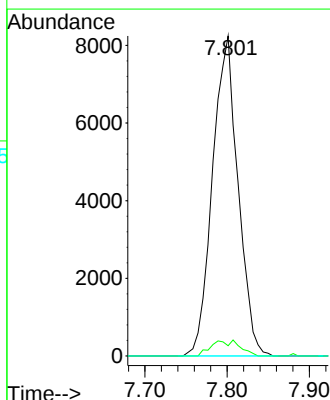
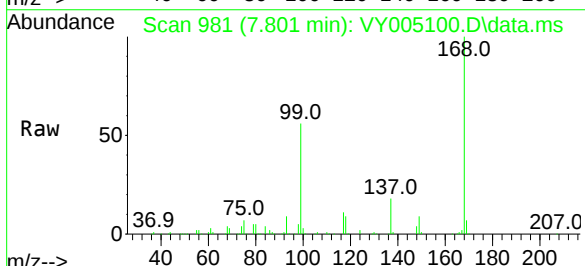
RT: 7.801 min Scan# 981

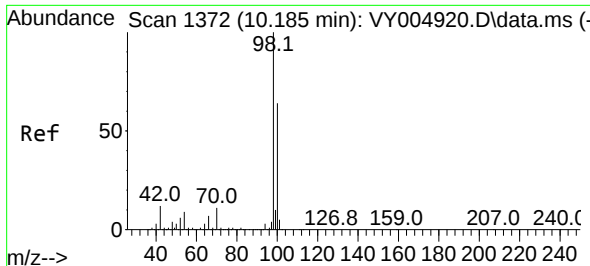
Delta R.T. -0.110 min

Lab File: VY005100.D

Acq: 11 Jun 2021 02:06

Tgt Ion:	117	Resp:	17771
Ion Ratio	Lower	Upper	
117	100		
119	3.2	76.1	114.1#
121	0.0	25.5	38.3#

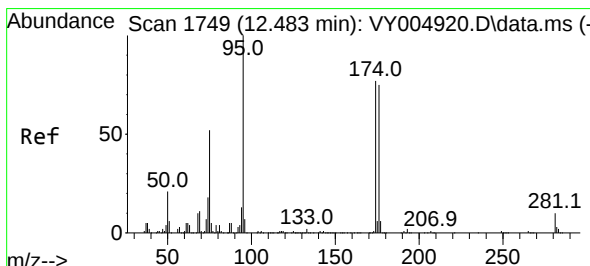
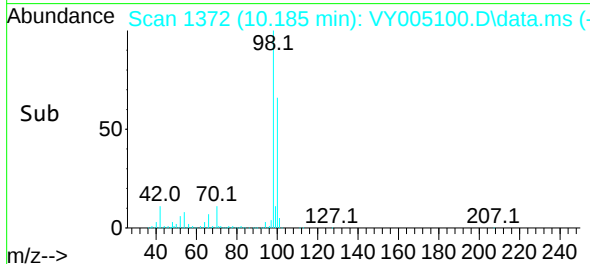
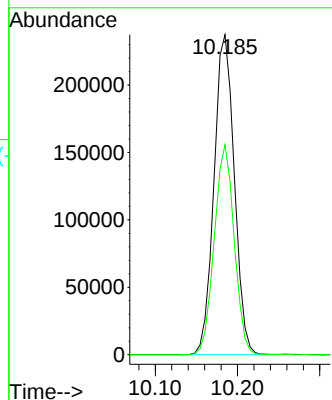
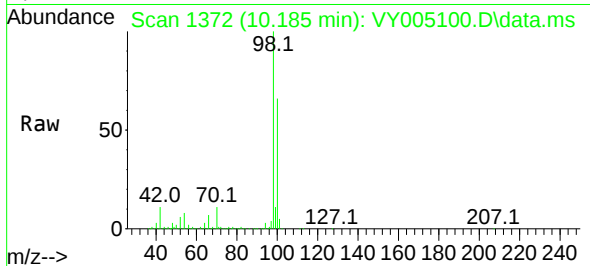




#50
Toluene-d8
Concen: 55.570 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

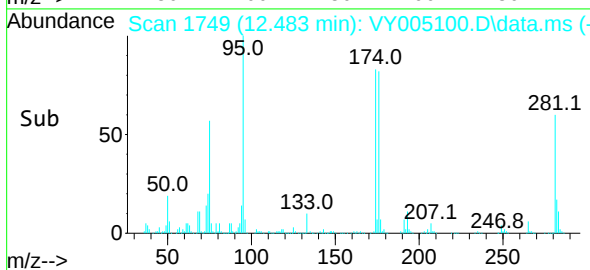
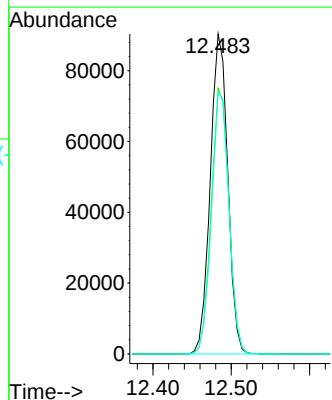
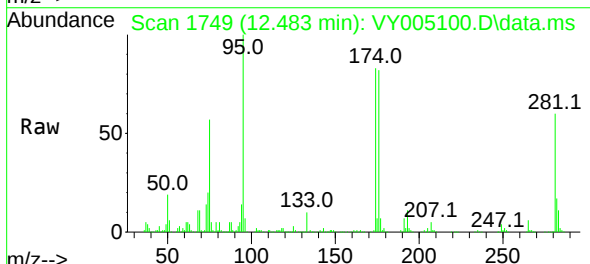
Instrument :
MSVOA_Y
ClientSampled :

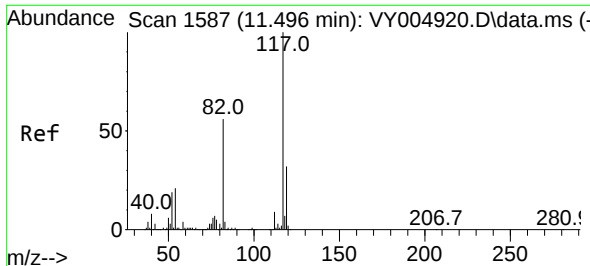
Tgt Ion: 98 Resp: 407563
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.516 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion: 95 Resp: 140031
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.8
176 82.0 0.0 155.6

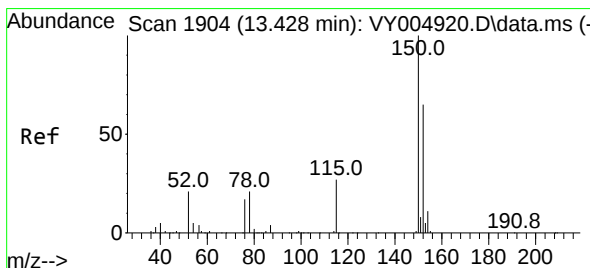
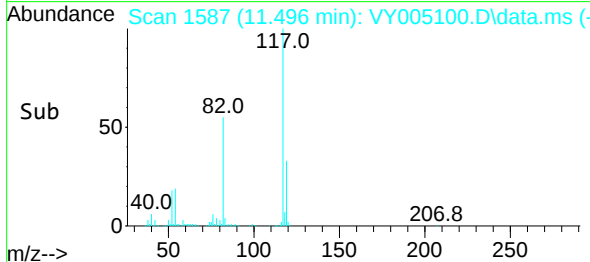
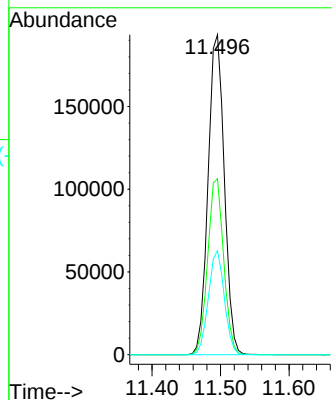
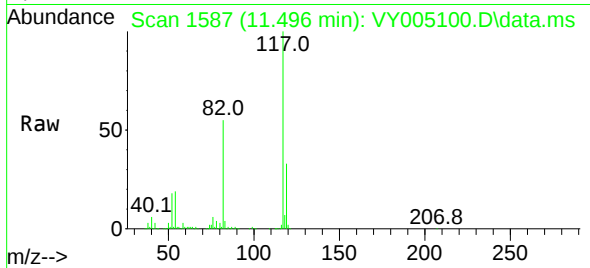




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

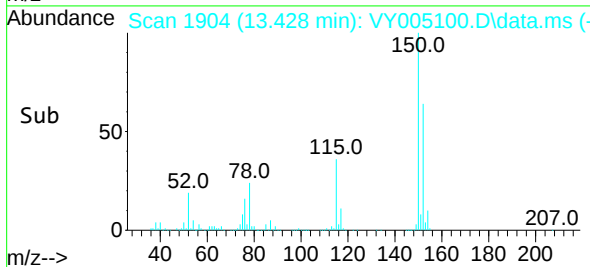
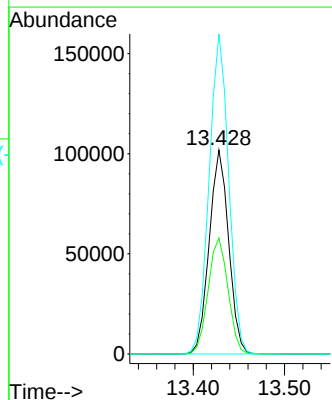
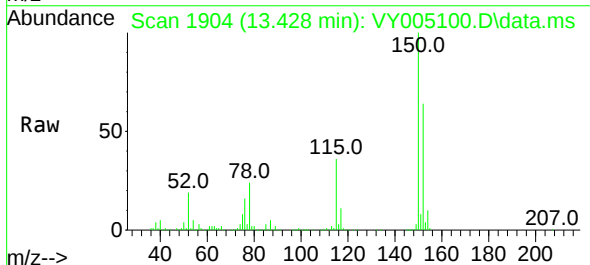
Instrument :
MSVOA_Y
ClientSampleId :

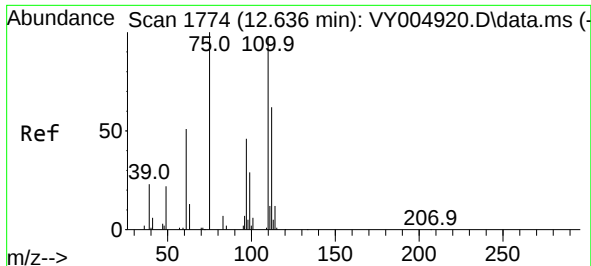
Tgt Ion:117 Resp: 318415
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion:152 Resp: 150158
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.7
150 157.7 0.0 347.8

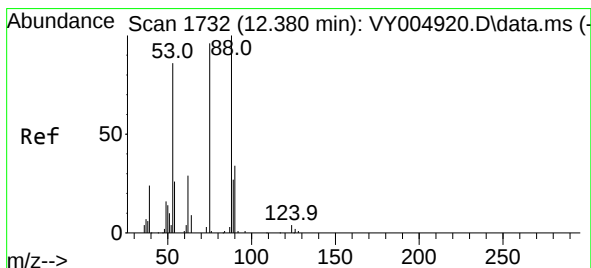
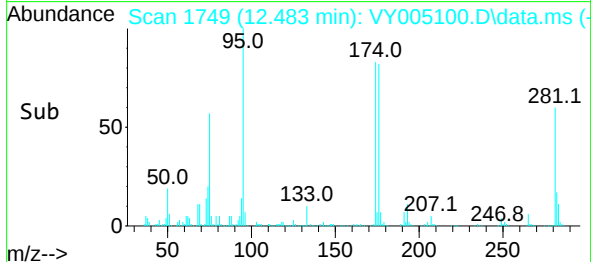
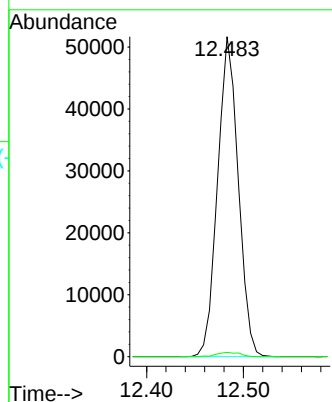
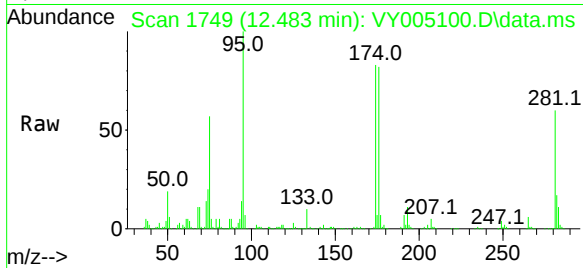




#76
1,2,3-Trichloropropane
Concen: 46.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76672
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.604 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005100.D
Acq: 11 Jun 2021 02:06

Tgt Ion: 75 Resp: 76672
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.7 35.0 52.6#

