

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004996.D
 Acq On : 07 Jun 2021 16:32
 Operator : SY/MD
 Sample : M2612-13
 Misc : 6.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:33 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)

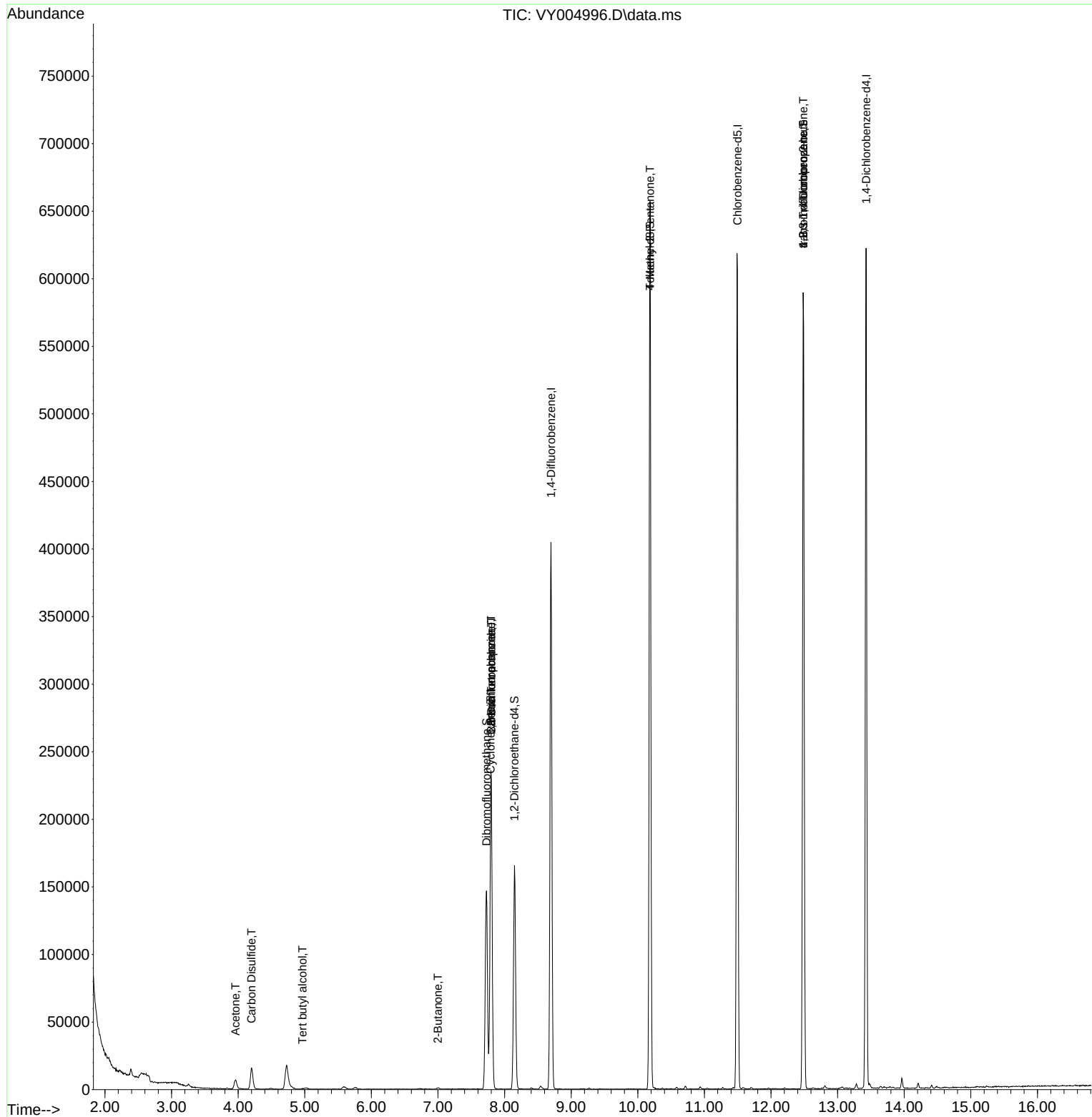
Internal Standards						
1) Pentafluorobenzene	7.795	168	177839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	330851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122762	65.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.600%			
35) Dibromofluoromethane	7.728	113	105281	58.558	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.120%			
50) Toluene-d8	10.185	98	420898	56.369	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.740%			
62) 4-Bromofluorobenzene	12.483	95	143857	56.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.040%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	455	2.104	ug/l #	74
13) Acrolein	3.747	56	288	Below Cal	#	59
16) Acetone	3.960	43	12229	27.021	ug/l	99
17) Carbon Disulfide	4.198	76	31012	5.518	ug/l	98
20) Methylene Chloride	4.729	84	12501	Below Cal		95
25) 2-Butanone	6.996	43	1921	2.524	ug/l #	89
31) Cyclohexane	7.789	56	3925	1.186	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	14612	4.468	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17724	6.227	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2170	1.072	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	77903	46.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77903	85.881	ug/l #	15

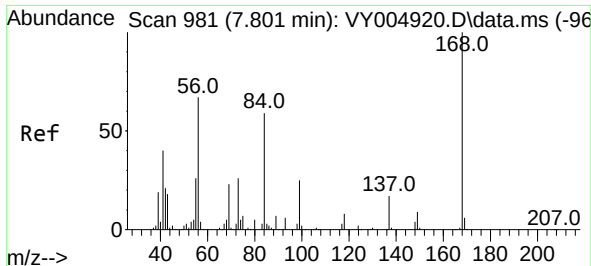
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
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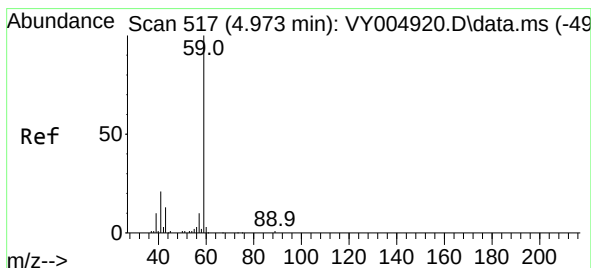
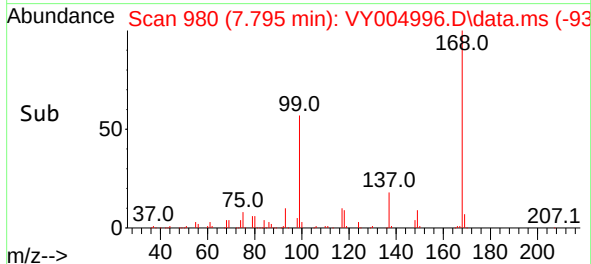
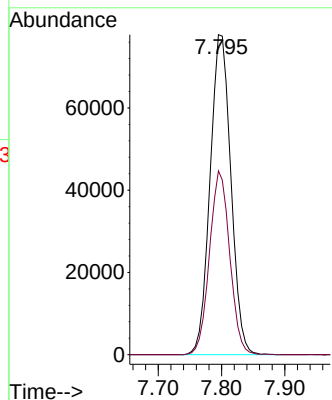
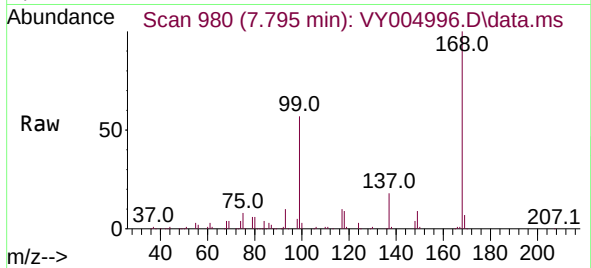




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

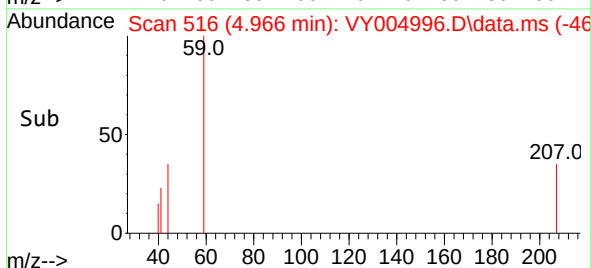
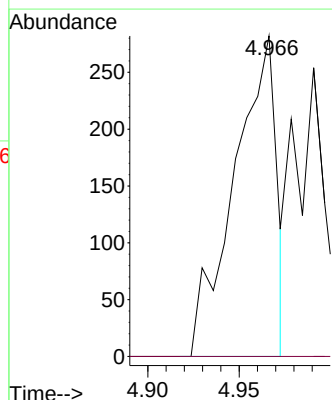
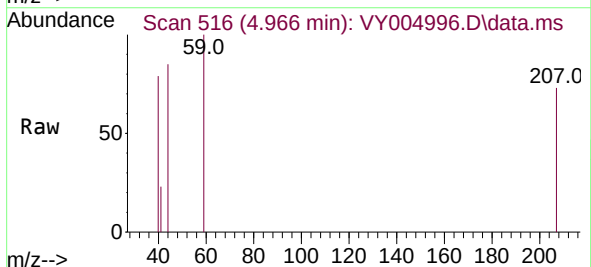
Instrument :
MSVOA_Y
ClientSampled :

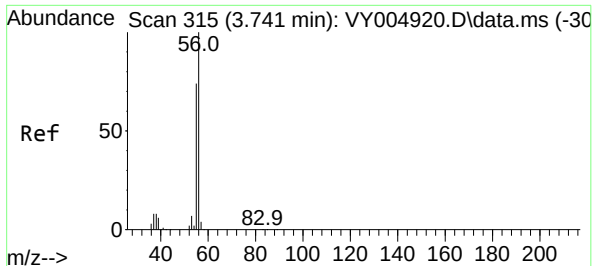
Tgt Ion:168 Resp: 177839
Ion Ratio Lower Upper
168 100
99 57.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.104 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

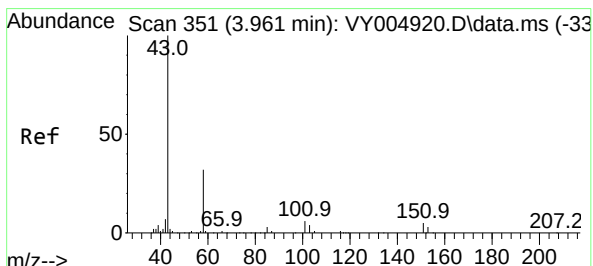
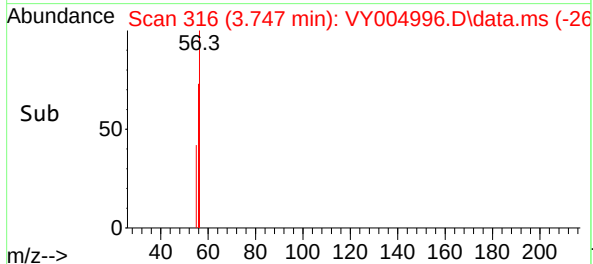
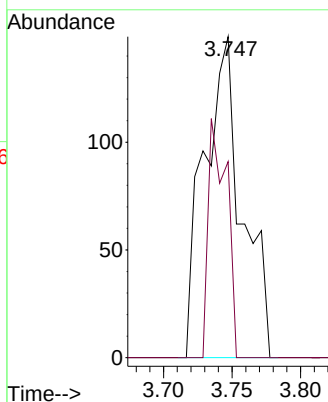
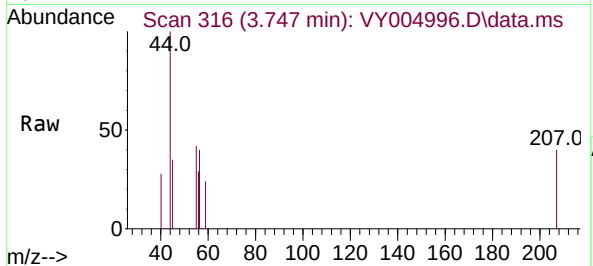




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

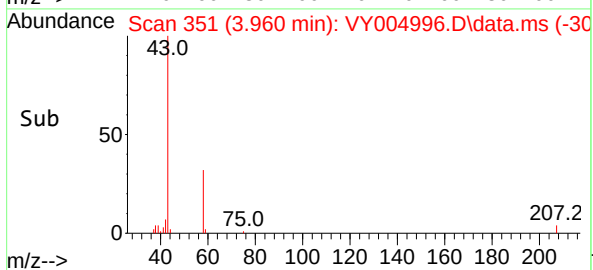
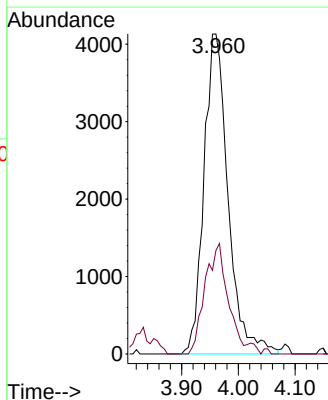
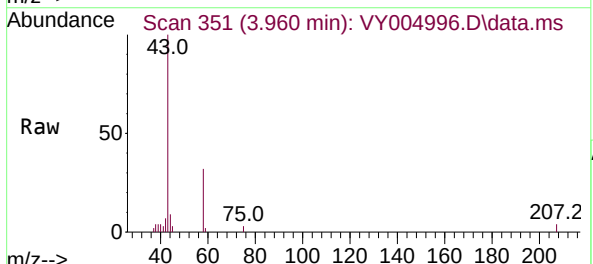
Instrument :
MSVOA_Y
ClientSampled :

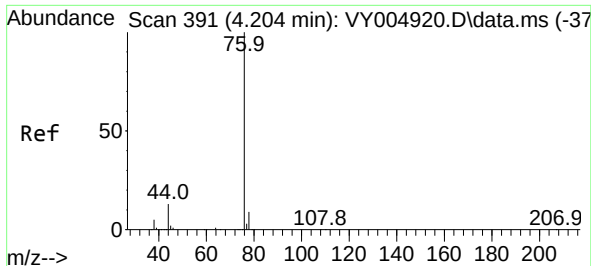
Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
55 36.1 55.4 83.2#



#16
Acetone
Concen: 27.021 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

Tgt Ion: 43 Resp: 12229
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9

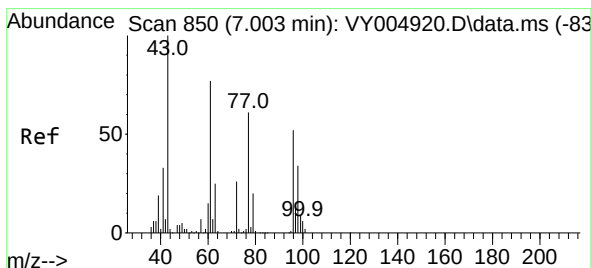
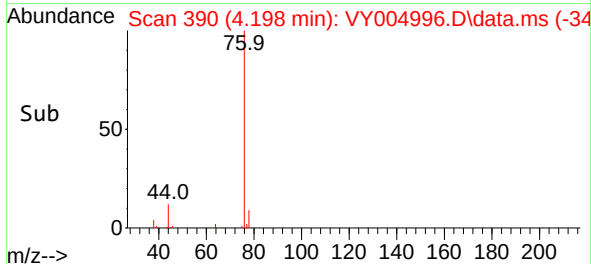
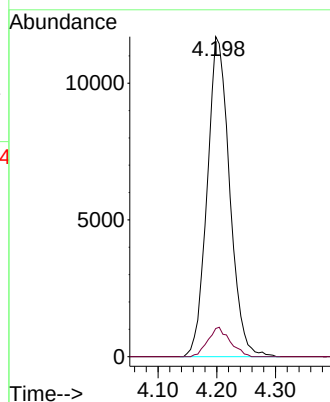
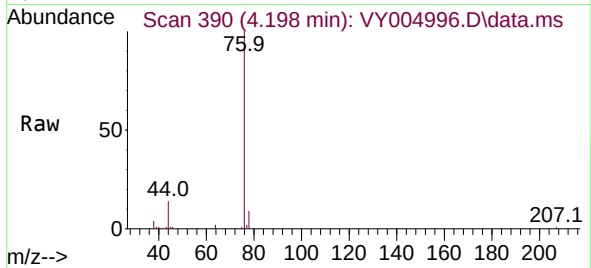




#17
Carbon Disulfide
Concen: 5.518 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

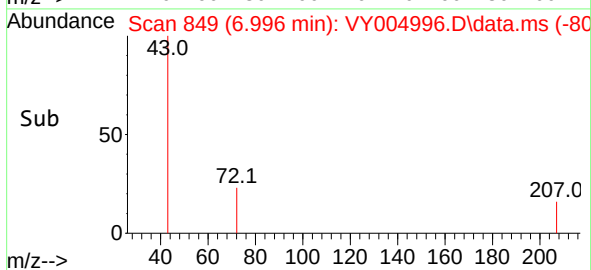
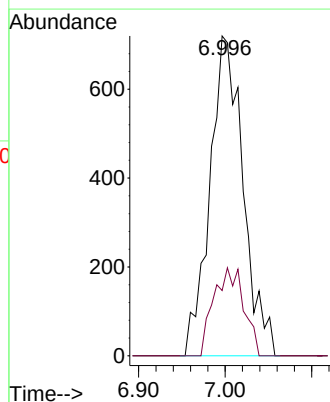
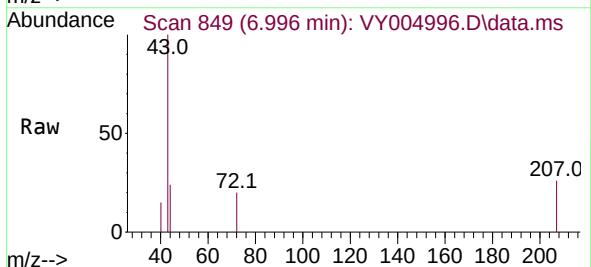
Instrument :
MSVOA_Y
ClientSampled :

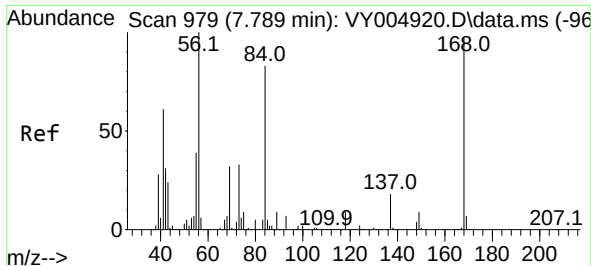
Tgt Ion: 76 Resp: 31012
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#25
2-Butanone
Concen: 2.524 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

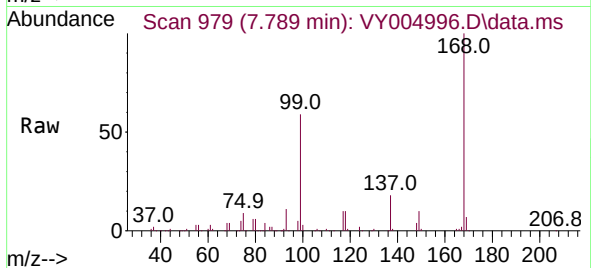
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
72 20.4 20.6 31.0#



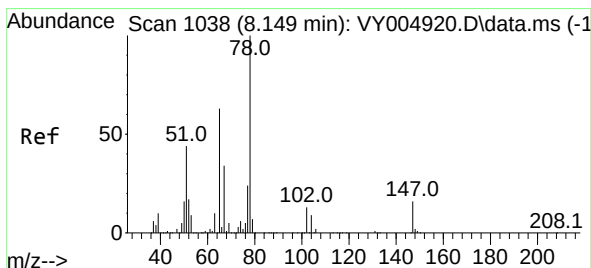
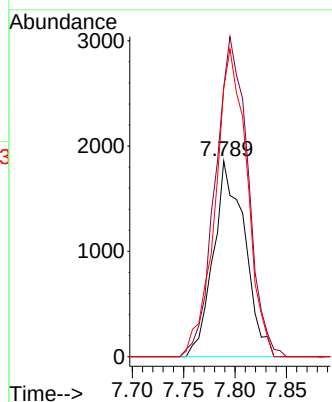
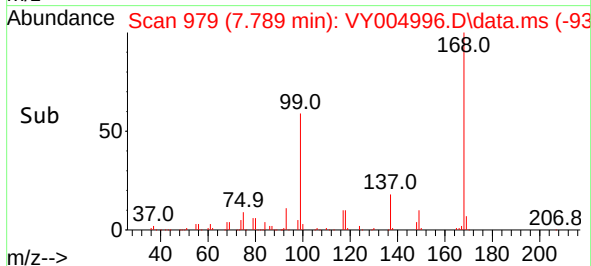


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

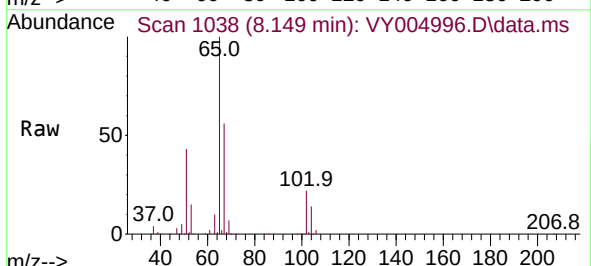
Instrument :
MSVOA_Y
ClientSampled :



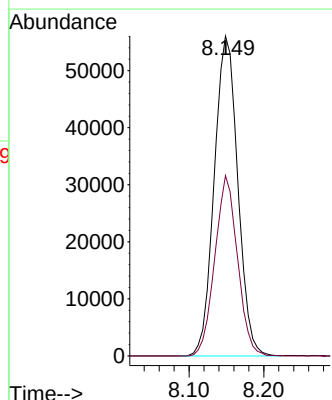
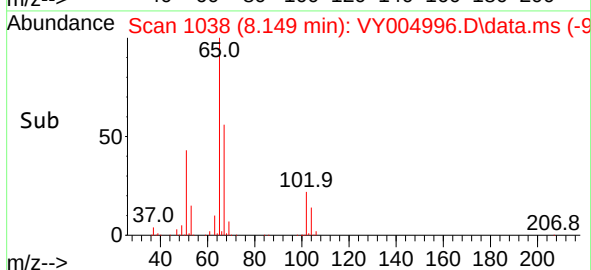
Tgt Ion: 56 Resp: 3925
Ion Ratio Lower Upper
56 100
69 137.4 25.3 37.9#
84 137.1 66.2 99.4#

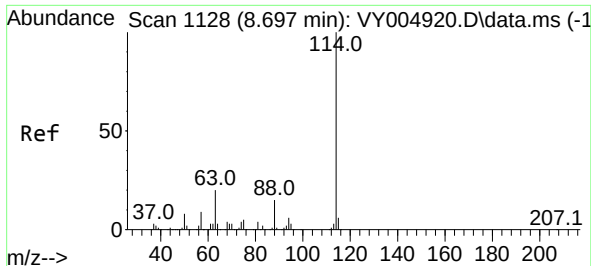


#33
1,2-Dichloroethane-d4
Concen: 65.296 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32



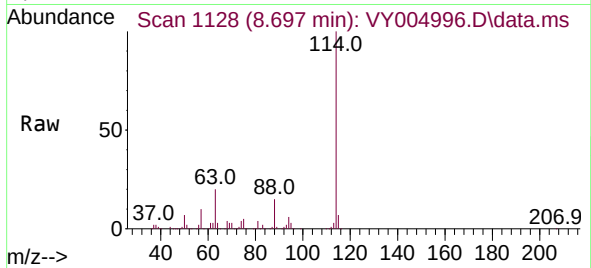
Tgt Ion: 65 Resp: 122762
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6



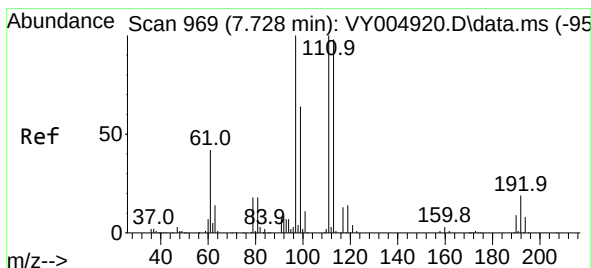
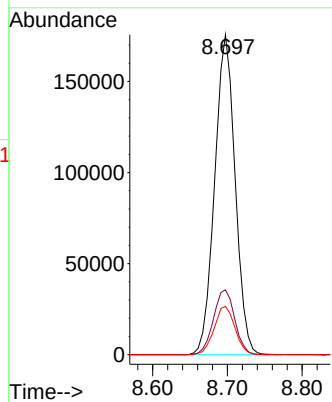
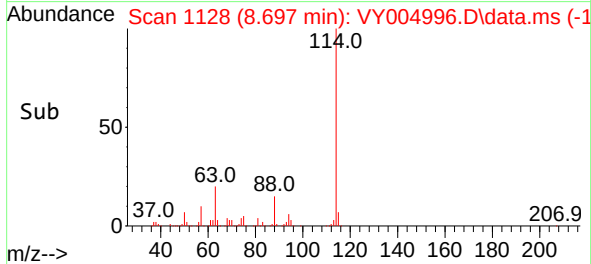


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

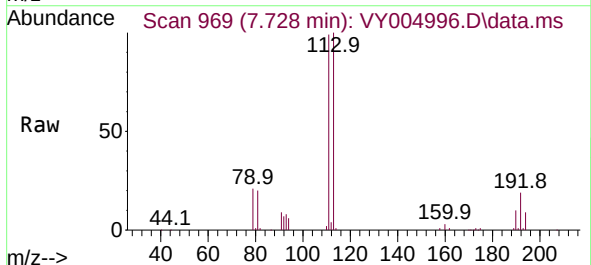
Instrument :
MSVOA_Y
ClientSampled :



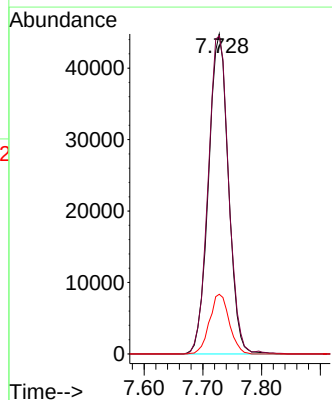
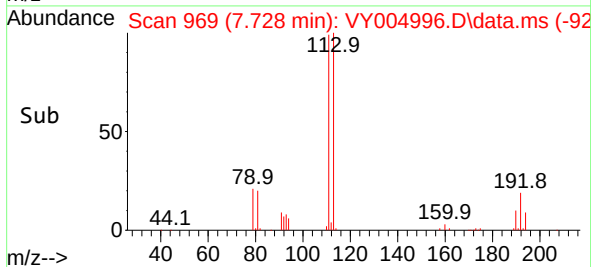
Tgt Ion:114 Resp: 334172
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 15.1 0.0 30.6

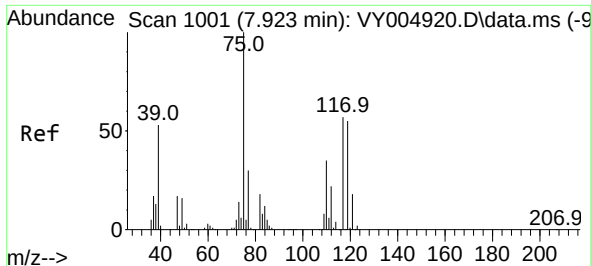


#35
Dibromofluoromethane
Concen: 58.558 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32



Tgt Ion:113 Resp: 105281
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 18.5 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.468 ug/l

RT: 7.801 min Scan# 981

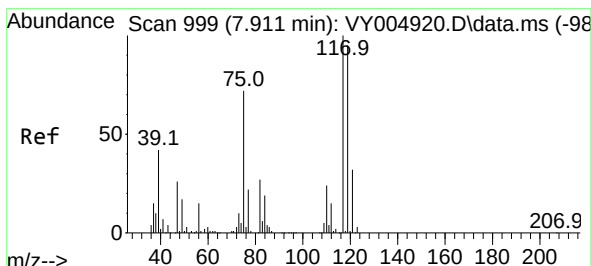
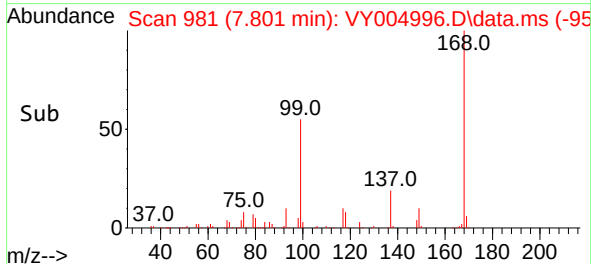
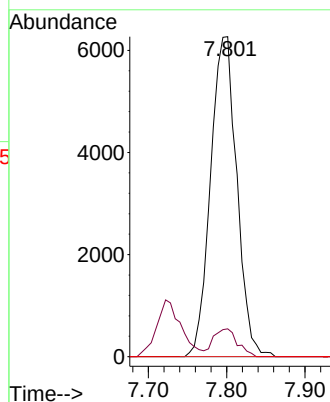
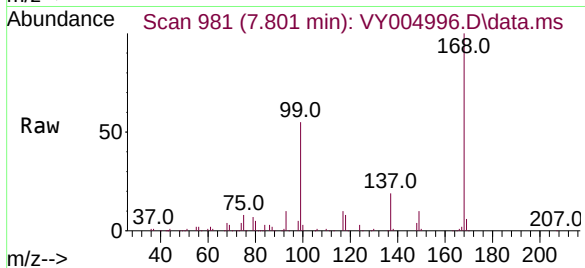
Delta R.T. -0.122 min

Lab File: VY004996.D

Acq: 07 Jun 2021 16:32

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 14612
Ion Ratio	Lower Upper
75 100	
110 8.0	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.227 ug/l

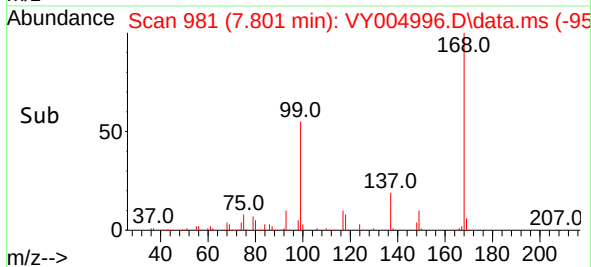
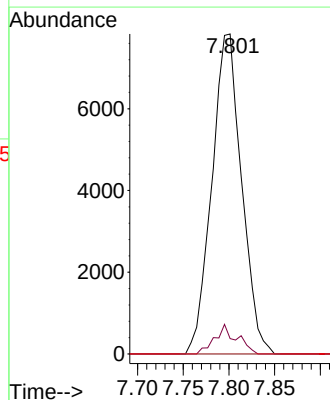
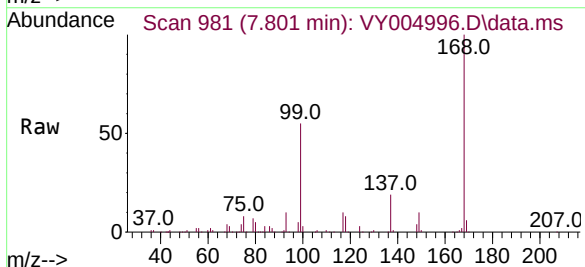
RT: 7.801 min Scan# 981

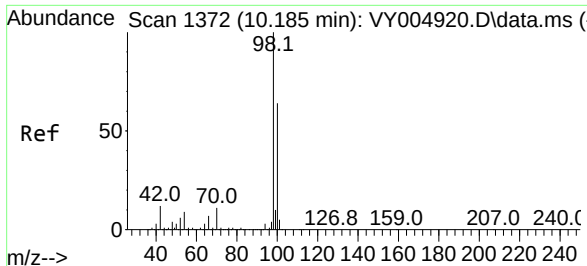
Delta R.T. -0.110 min

Lab File: VY004996.D

Acq: 07 Jun 2021 16:32

Tgt Ion: 117	Resp: 17724
Ion Ratio	Lower Upper
117 100	
119 4.8	76.1 114.1#
121 0.0	25.5 38.3#

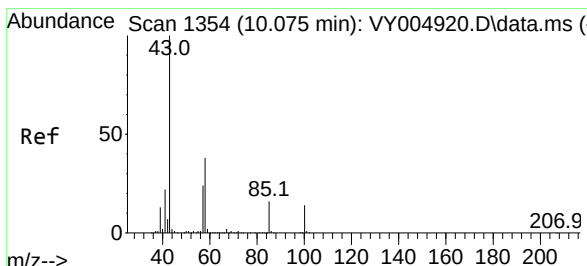
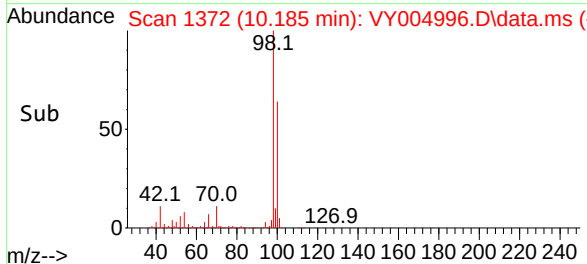
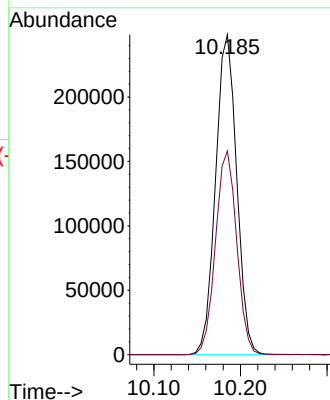
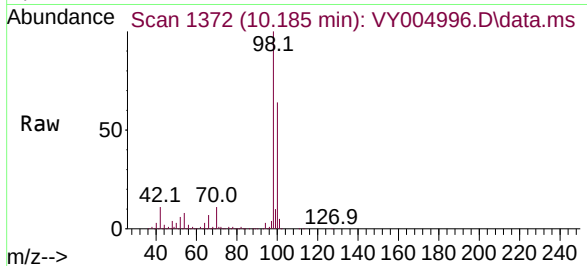




#50
Toluene-d8
Concen: 56.369 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

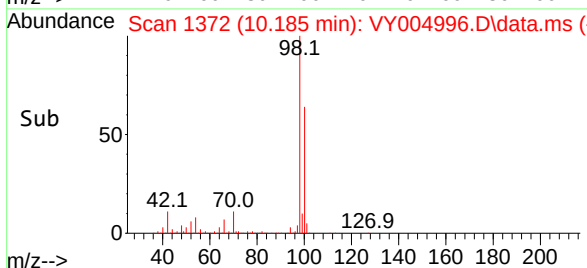
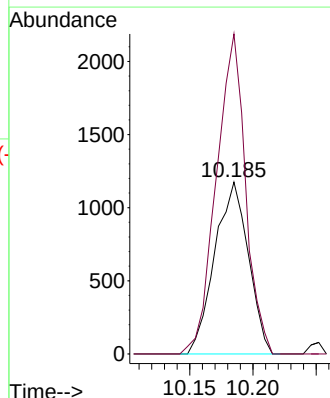
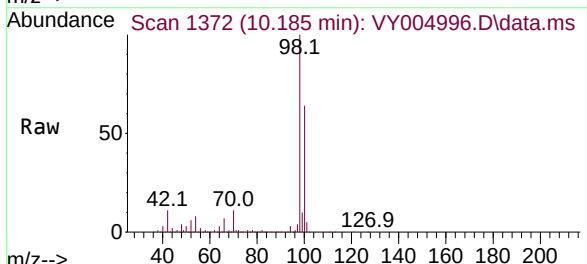
Instrument :
MSVOA_Y
ClientSampled :

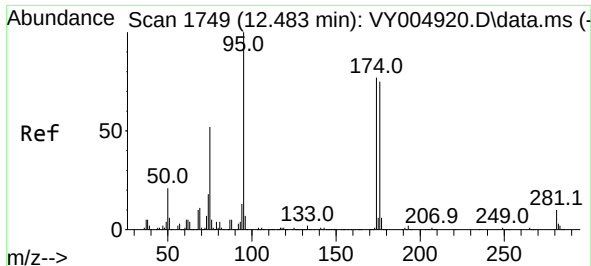
Tgt Ion: 98 Resp: 420898
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.072 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

Tgt Ion: 43 Resp: 2170
Ion Ratio Lower Upper
43 100
58 161.7 30.6 46.0#

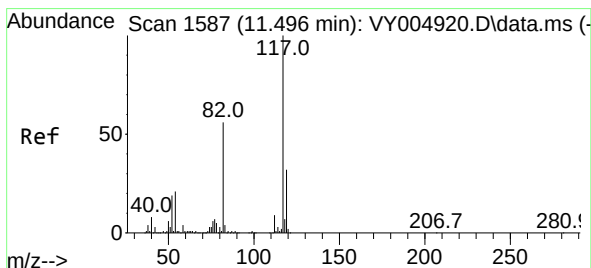
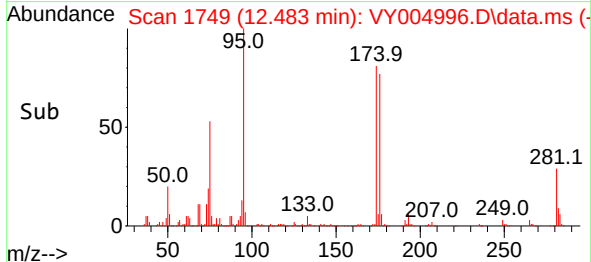
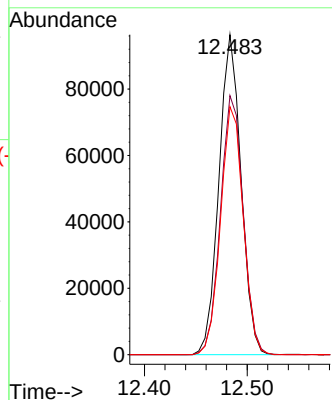
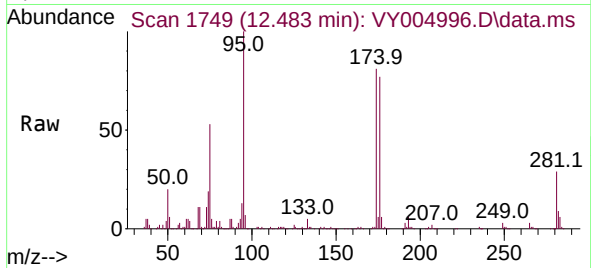




#62
4-Bromofluorobenzene
Concen: 56.020 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

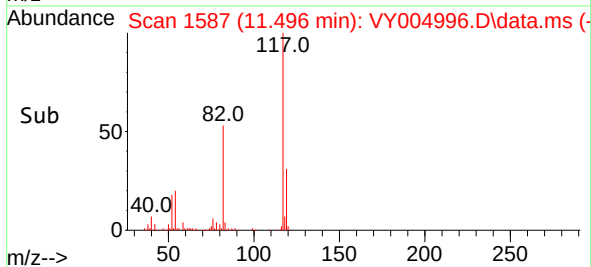
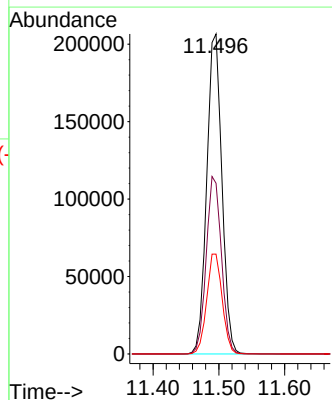
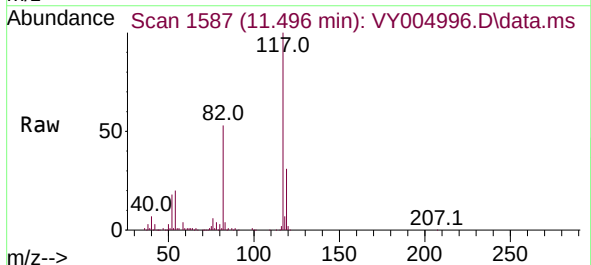
Instrument :
MSVOA_Y
ClientSampleId :

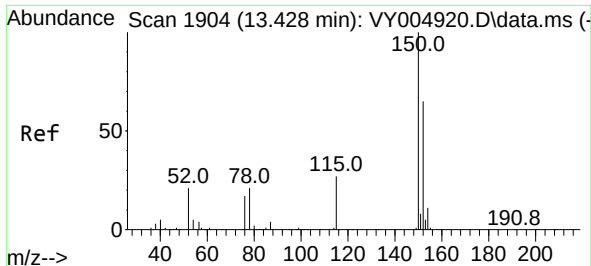
Tgt Ion: 95 Resp: 143857
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.8
176 79.3 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004996.D
Acq: 07 Jun 2021 16:32

Tgt Ion: 117 Resp: 330851
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 31.2 25.2 37.8

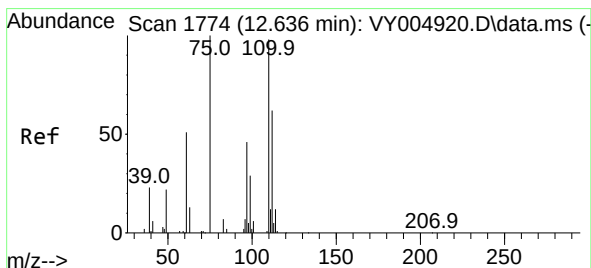
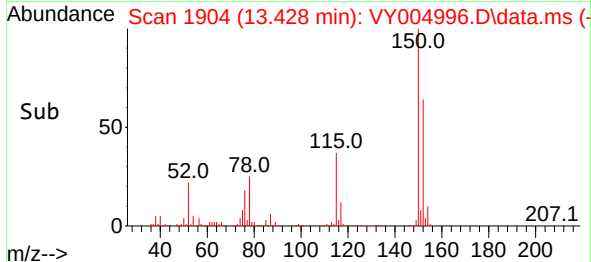
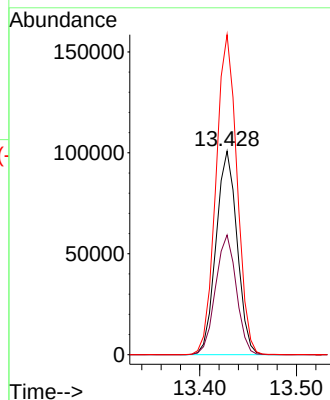
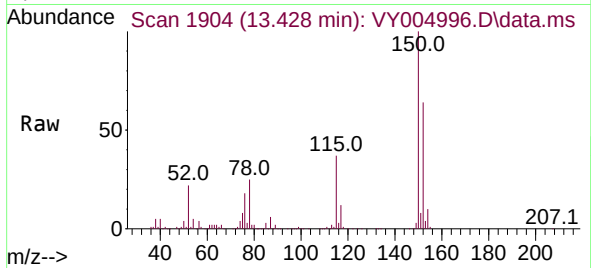




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004996.D
 Acq: 07 Jun 2021 16:32

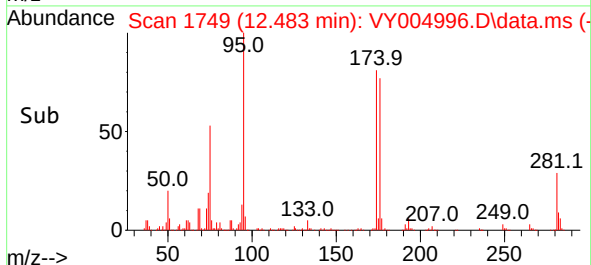
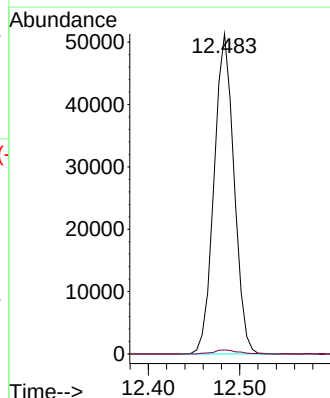
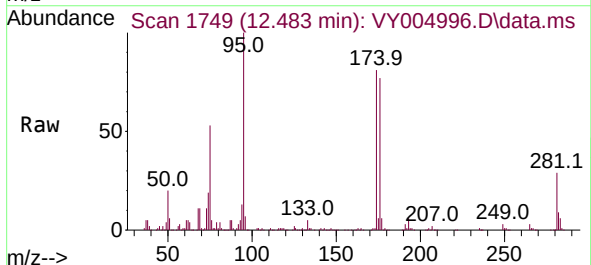
Instrument :
 MSVOA_Y
 ClientSampled :

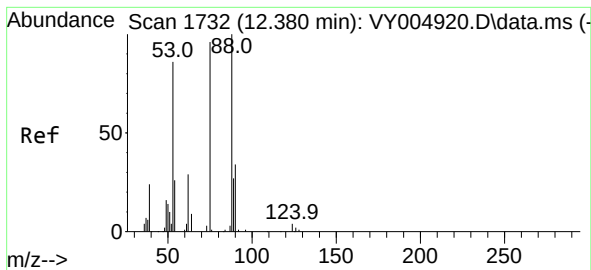
Tgt Ion:152 Resp: 152077
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.9 89.7
 150 157.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 46.731 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004996.D
 Acq: 07 Jun 2021 16:32

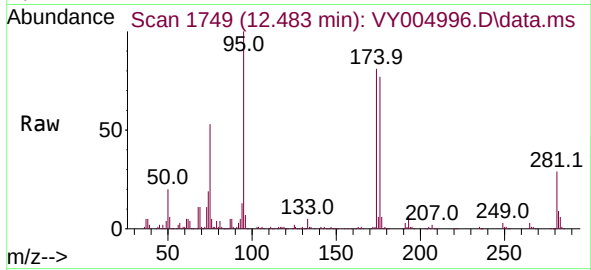
Tgt Ion: 75 Resp: 77903
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.881 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004996.D
 Acq: 07 Jun 2021 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 77903
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 0.9 35.0 52.6#

