

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY005004.D
 Acq On : 07 Jun 2021 19:38
 Operator : SY/MD
 Sample : M2626-01
 Misc : 7.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:10:53 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)

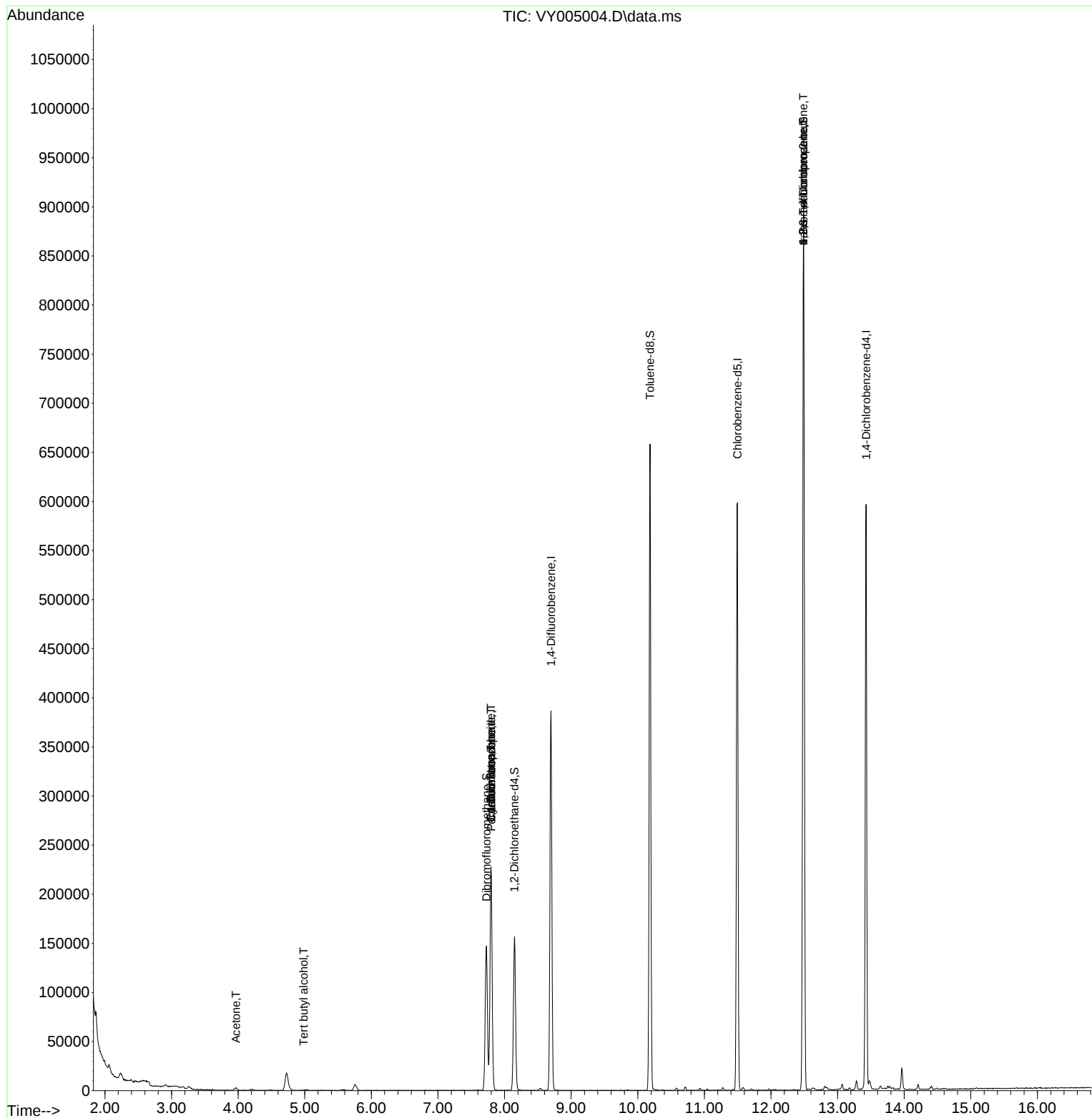
Internal Standards						
1) Pentafluorobenzene	7.801	168	171431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	322835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117433	64.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.600%	
35) Dibromofluoromethane	7.728	113	103914	58.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.860%	
50) Toluene-d8	10.185	98	418232	57.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.220%	
62) 4-Bromofluorobenzene	12.483	95	142773	56.691	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	441	2.116	ug/l #	74
16) Acetone	3.967	43	4363	10.001	ug/l	95
31) Cyclohexane	7.795	56	3880	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13744	4.285	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17064	6.113	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80136	50.167	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80136	92.195	ug/l #	16

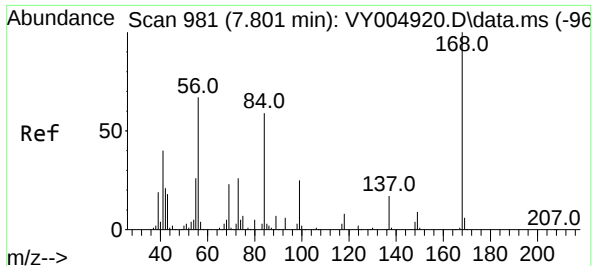
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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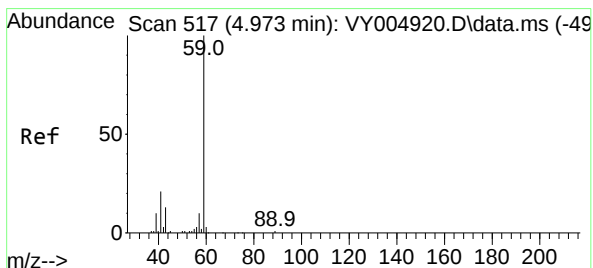
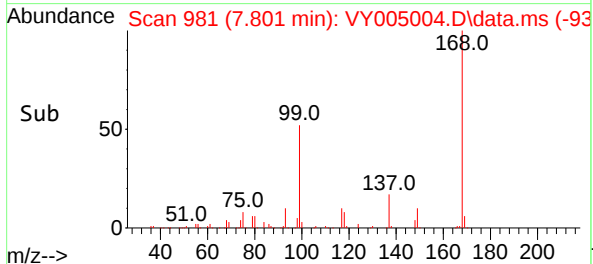
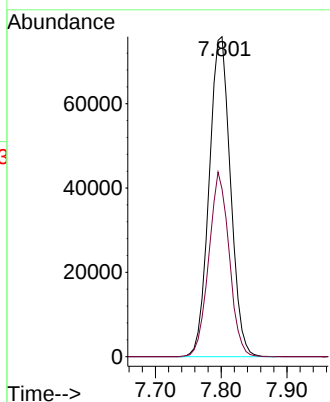
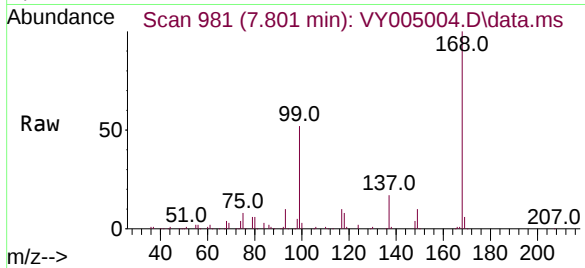




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

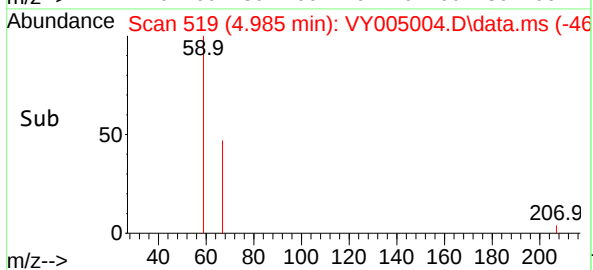
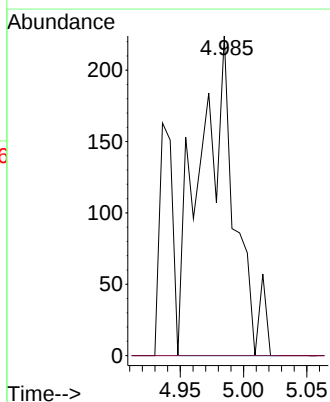
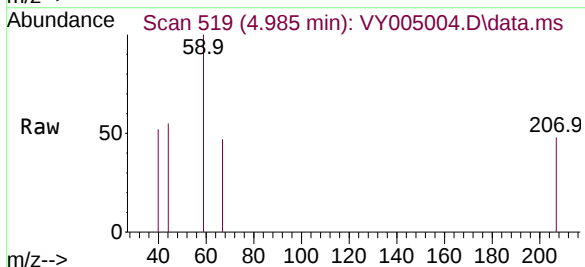
Instrument :
MSVOA_Y
ClientSampled :

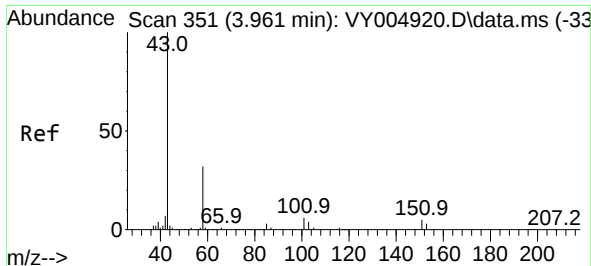
Tgt Ion:168 Resp: 171431
Ion Ratio Lower Upper
168 100
99 52.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.116 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

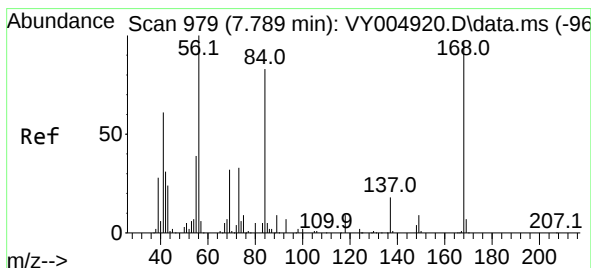
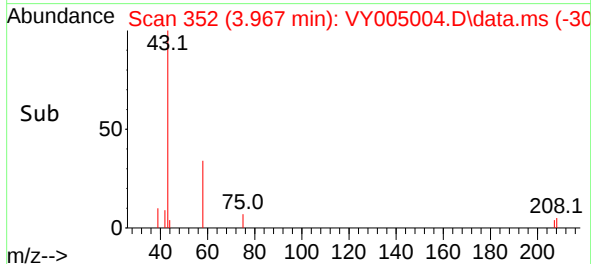
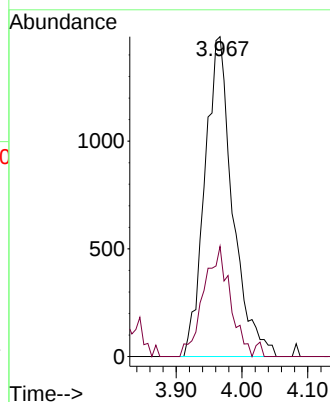
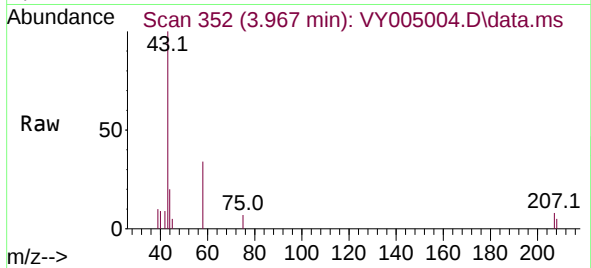




#16
Acetone
Concen: 10.001 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

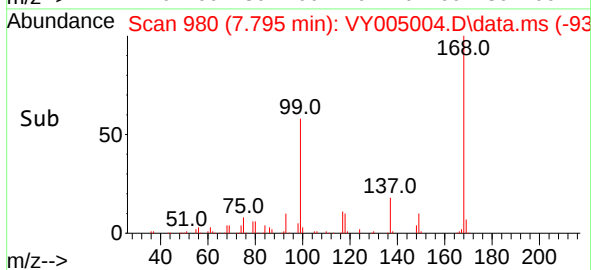
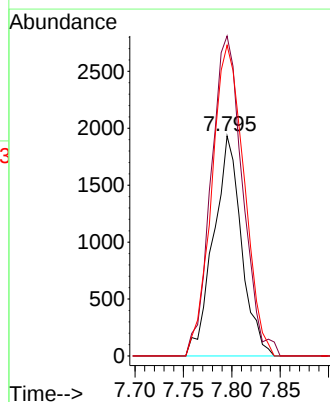
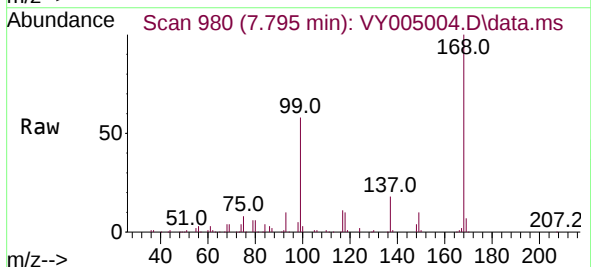
Instrument :
MSVOA_Y
ClientSampleId :

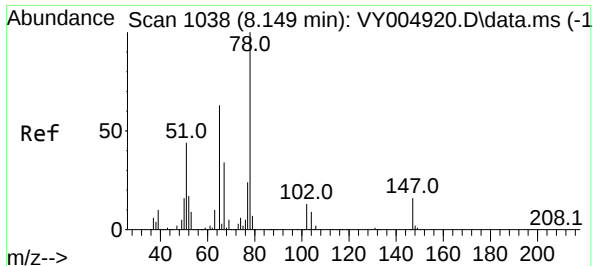
Tgt Ion: 43 Resp: 4363
Ion Ratio Lower Upper
43 100
58 34.4 25.3 37.9



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 145.4 25.3 37.9#
84 141.2 66.2 99.4#

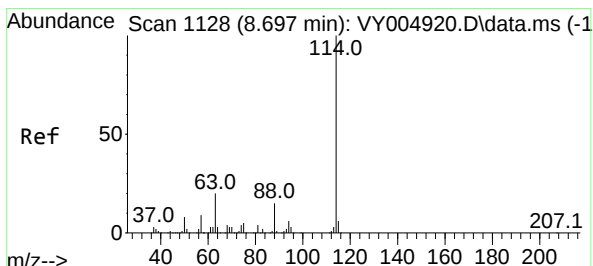
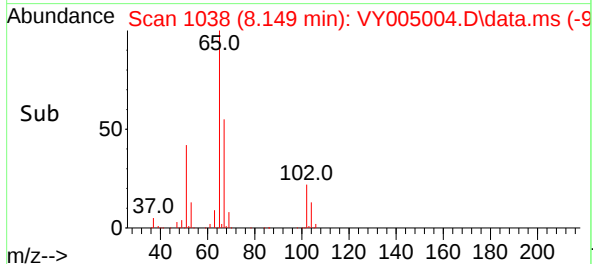
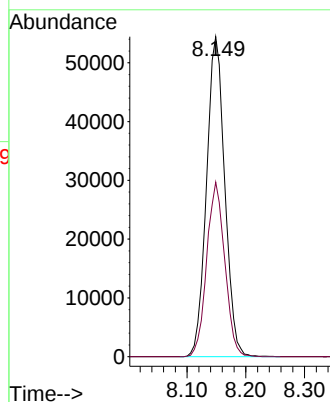
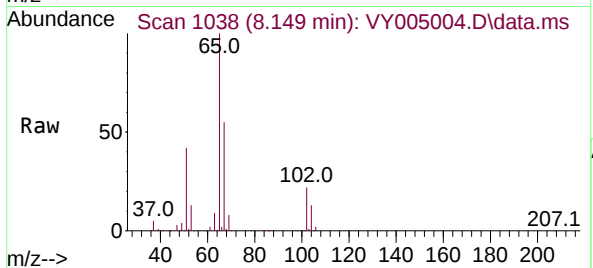




#33
1,2-Dichloroethane-d4
Concen: 64.797 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

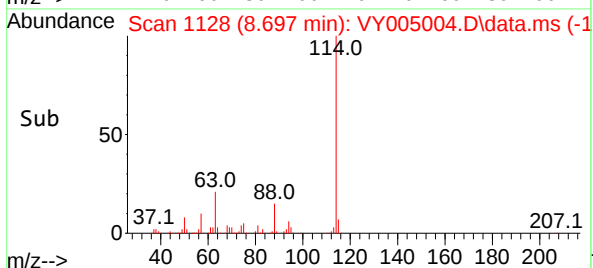
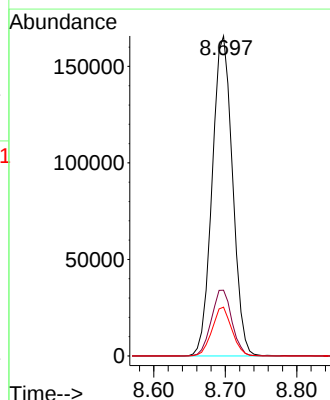
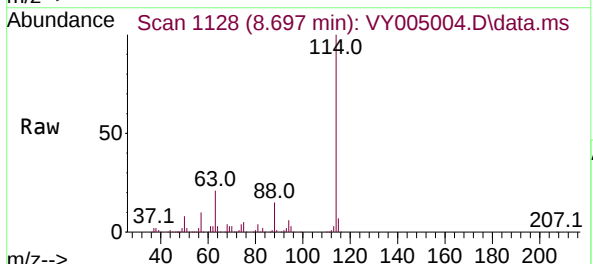
Instrument :
MSVOA_Y
ClientSampled :

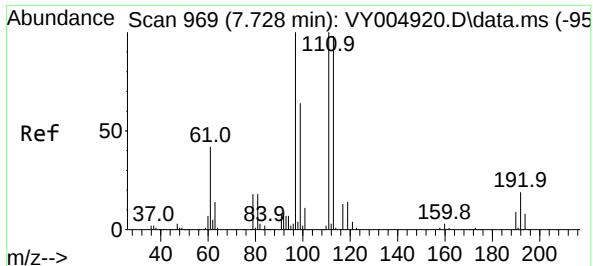
Tgt Ion: 65 Resp: 117433
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

Tgt Ion: 114 Resp: 327725
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 15.3 0.0 30.6

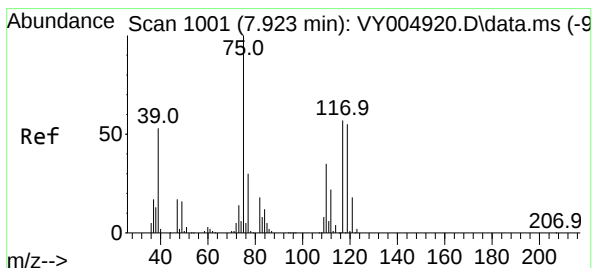
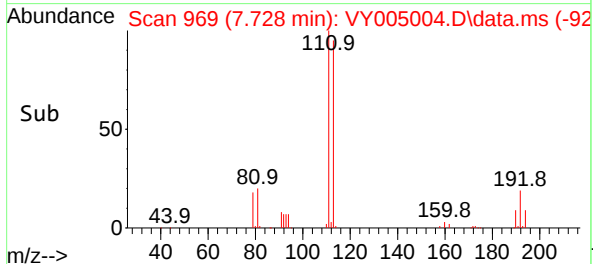
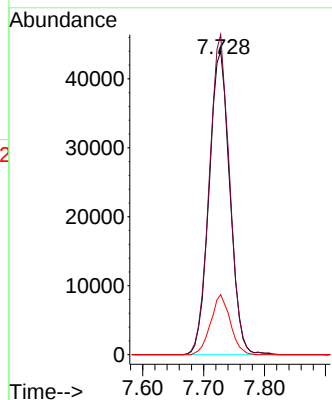
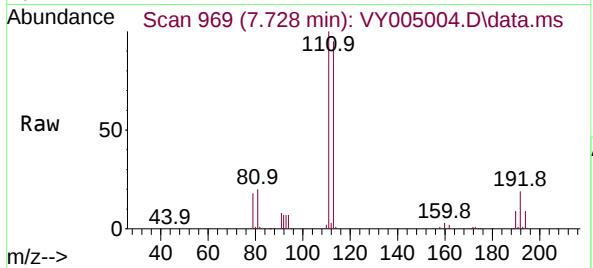




#35
Dibromofluoromethane
Concen: 58.935 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

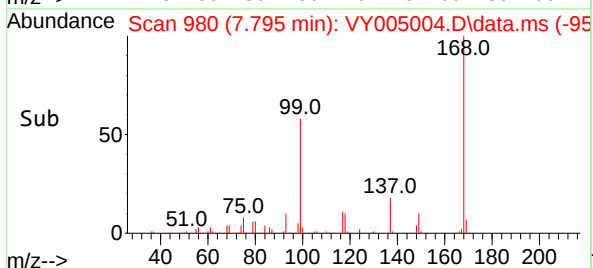
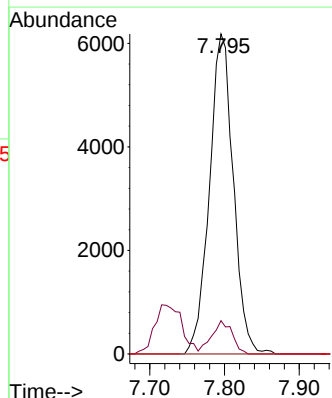
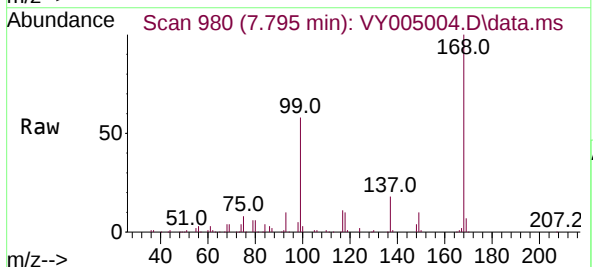
Instrument :
MSVOA_Y
ClientSampleId :

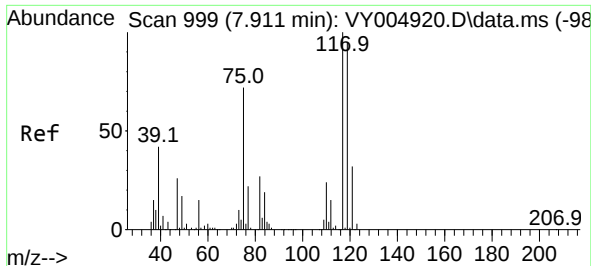
Tgt Ion:	113	Resp:	103914
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	18.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

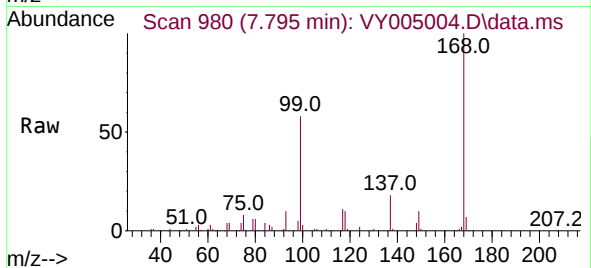
Tgt Ion:	75	Resp:	13744
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.5	52.5#
77	0.0	25.1	37.7#



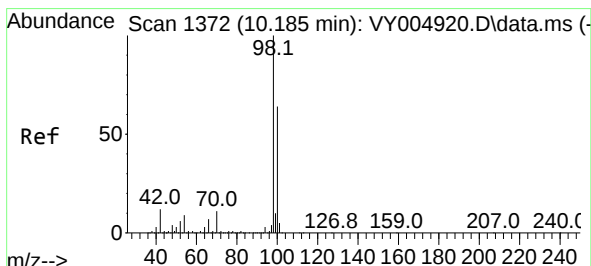
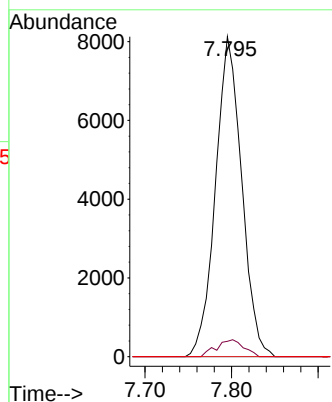
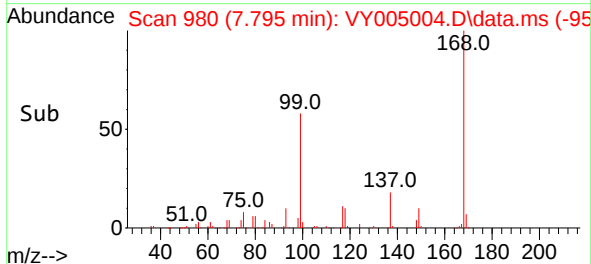


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

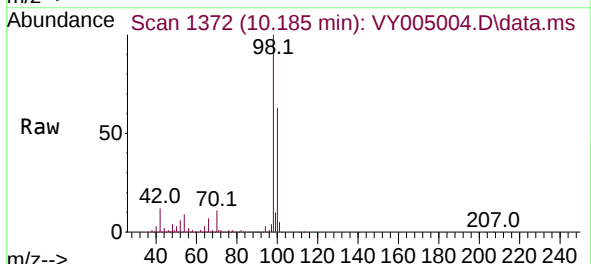
Instrument :
MSVOA_Y
ClientSampleId :



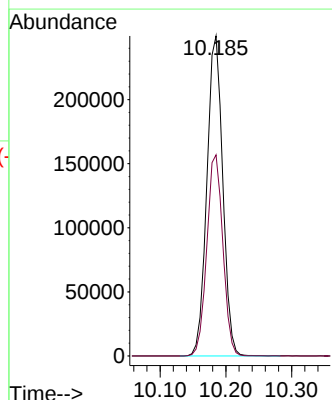
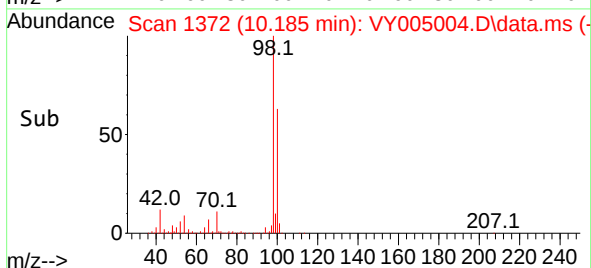
Tgt Ion:117 Resp: 17064
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 25.5 38.3#

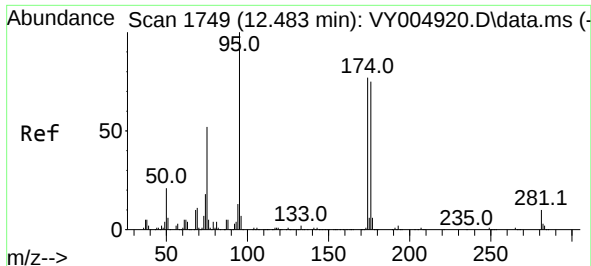


#50
Toluene-d8
Concen: 57.114 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38



Tgt Ion: 98 Resp: 418232
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

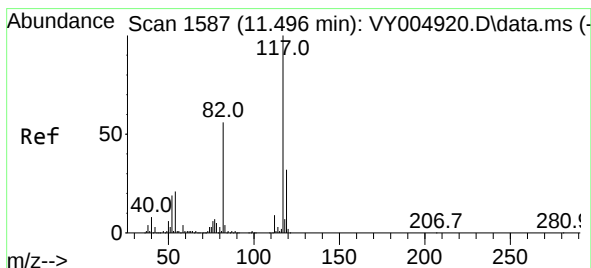
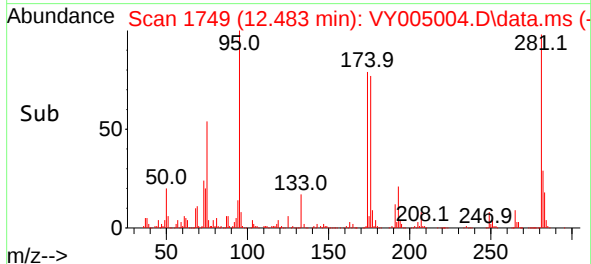
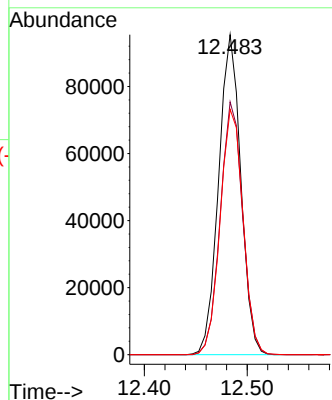
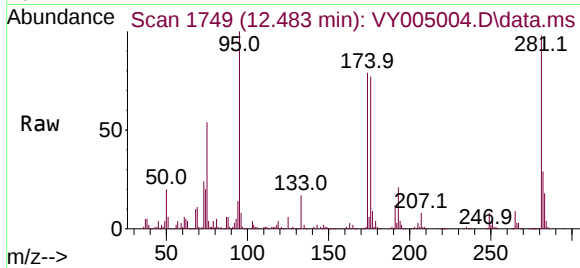




#62
4-Bromofluorobenzene
Concen: 56.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

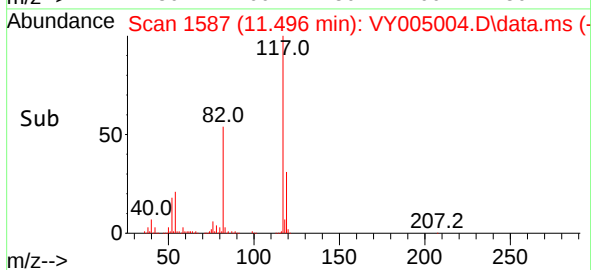
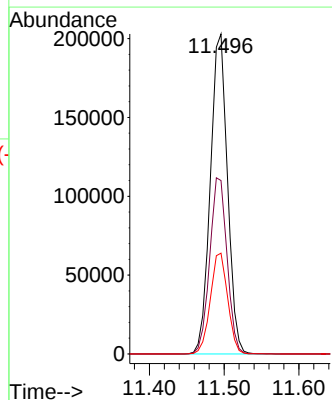
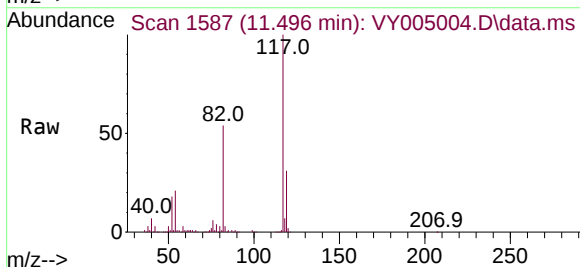
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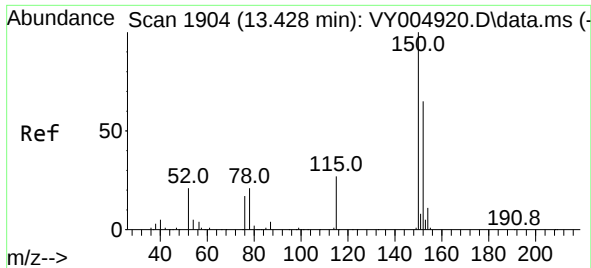
Tgt Ion: 95	Resp: 142773
Ion Ratio	Lower Upper
95 100	
174 79.8	0.0 160.8
176 78.9	0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005004.D
Acq: 07 Jun 2021 19:38

Tgt Ion: 117	Resp: 322835
Ion Ratio	Lower Upper
117 100	
82 54.2	44.8 67.2
119 31.5	25.2 37.8

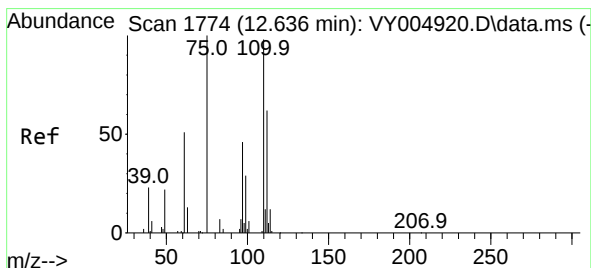
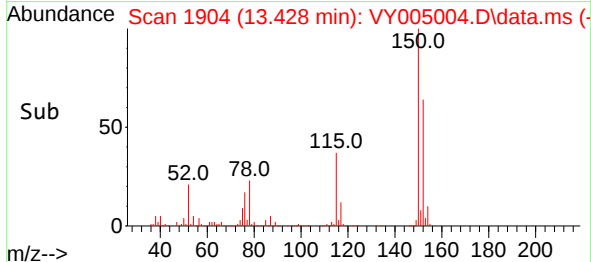
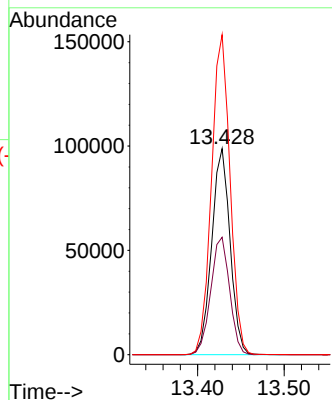
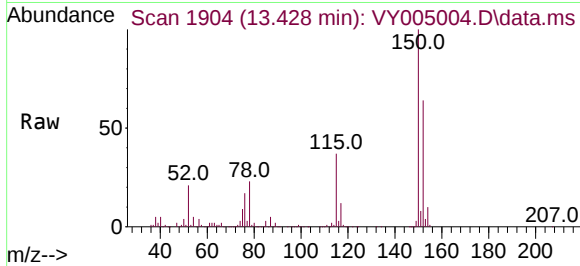




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005004.D
 Acq: 07 Jun 2021 19:38

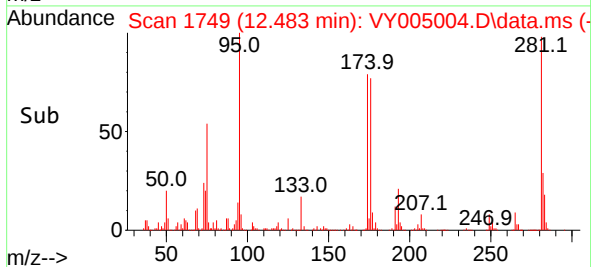
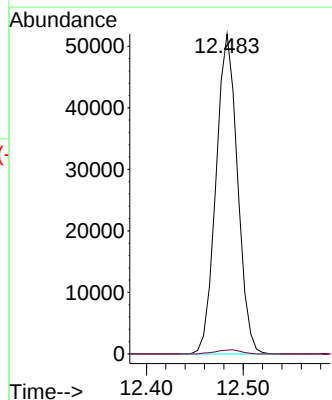
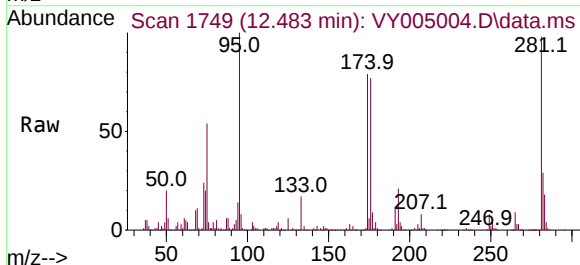
Instrument :
 MSVOA_Y
 ClientSampleId :

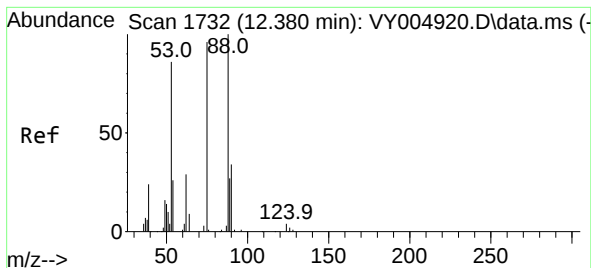
Tgt Ion:152 Resp: 145722
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.9 89.7
 150 156.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 50.167 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005004.D
 Acq: 07 Jun 2021 19:38

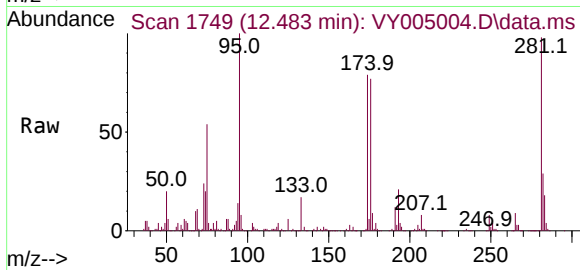
Tgt Ion: 75 Resp: 80136
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.195 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005004.D
 Acq: 07 Jun 2021 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80136
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.6 35.0 52.6#

