

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005051.D
 Acq On : 09 Jun 2021 17:05
 Operator : SY/MD
 Sample : M2643-01
 Misc : 4.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:43:01 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)

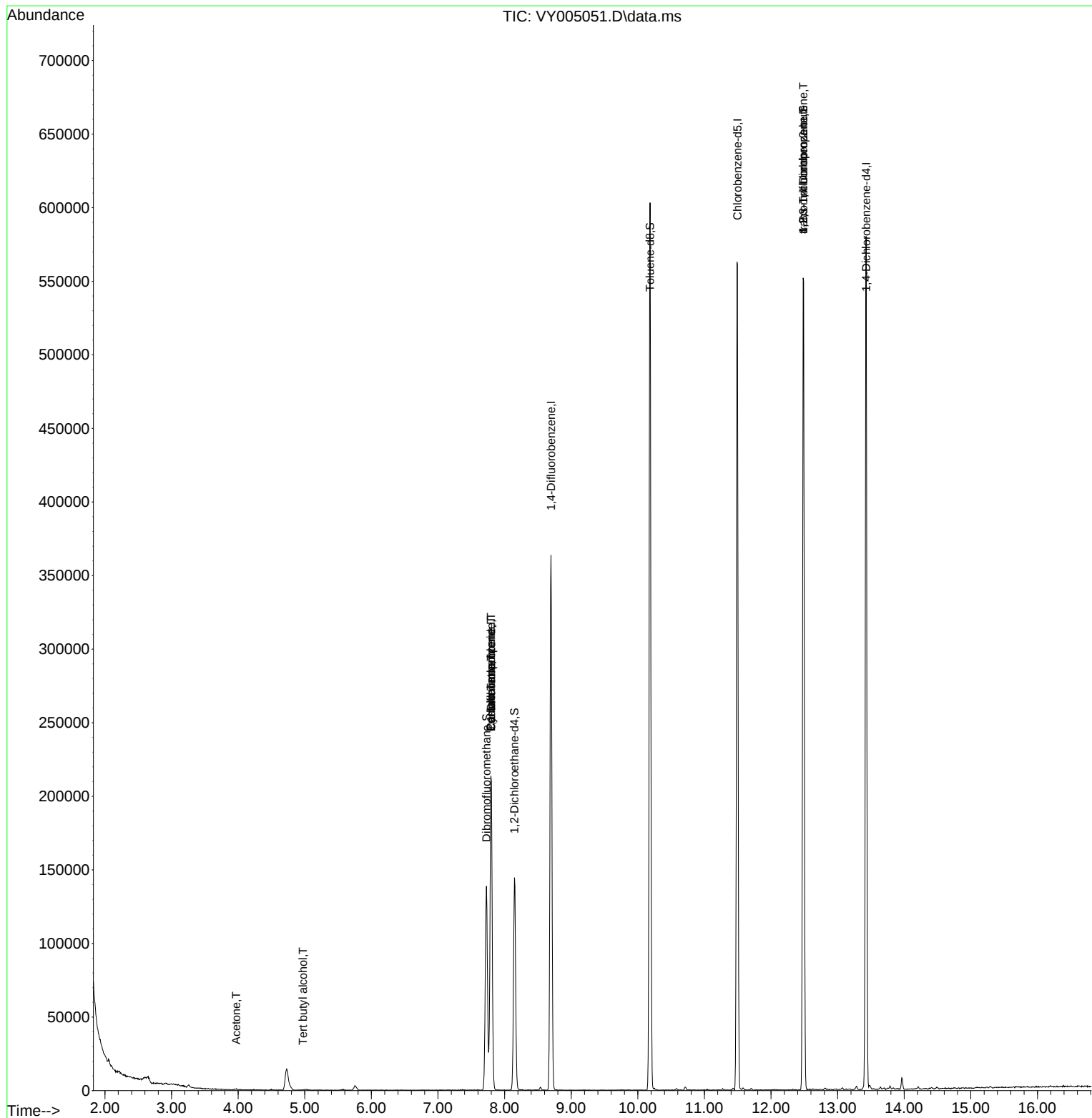
Internal Standards						
1) Pentafluorobenzene	7.795	168	166963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111399	63.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.220%	
35) Dibromofluoromethane	7.728	113	98467	59.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.120%	
50) Toluene-d8	10.185	98	390164	56.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.483	95	133344	55.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.980%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	360	1.773	ug/l	# 74
16) Acetone	3.973	43	934	2.198	ug/l	96
20) Methylene Chloride	4.722	84	10678	Below Cal		88
31) Cyclohexane	7.795	56	3633	1.169	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	13326	4.394	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	16633	6.301	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	72499	45.494	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	72499	83.609	ug/l	# 15

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

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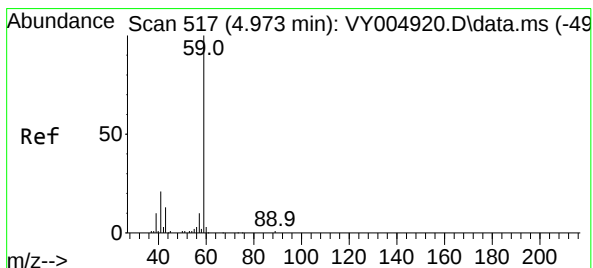
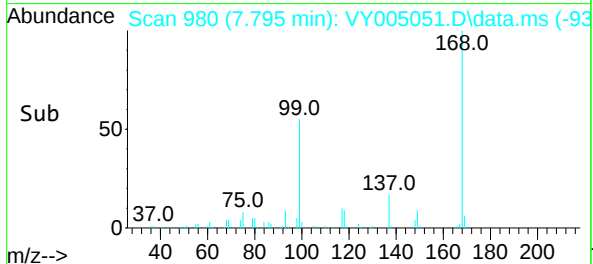
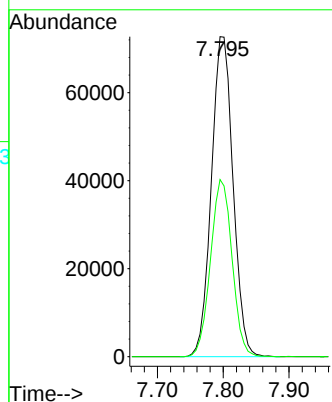
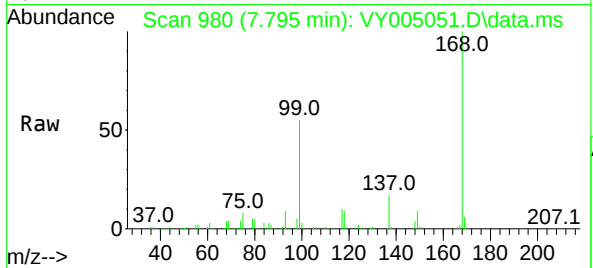




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

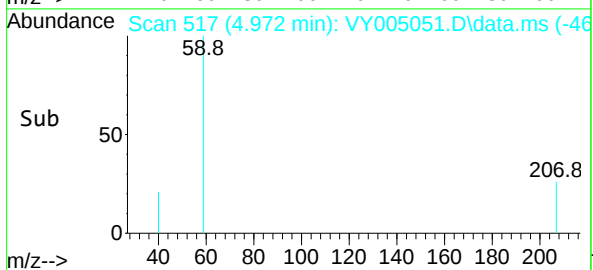
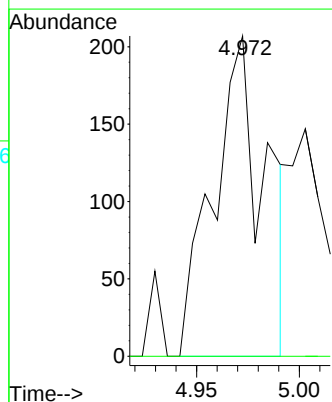
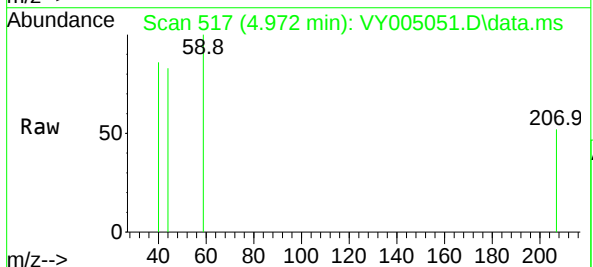
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 166963
Ion Ratio Lower Upper
168 100
99 55.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.773 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

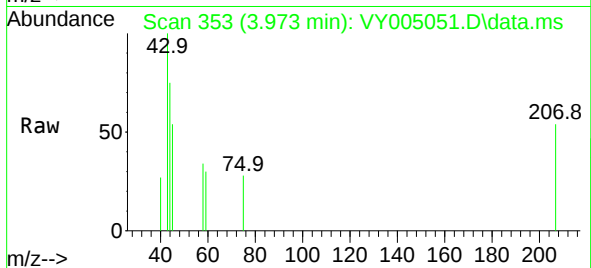
Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



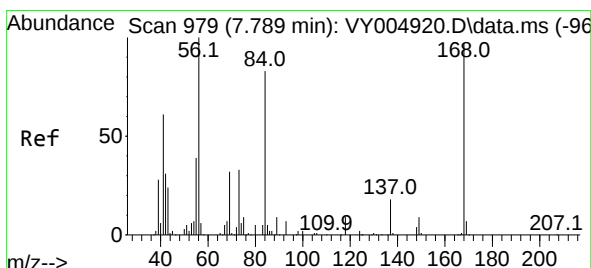
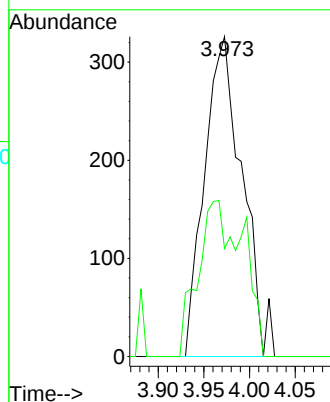
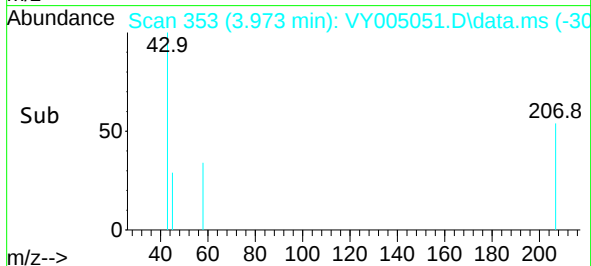


#16
Acetone
Concen: 2.198 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

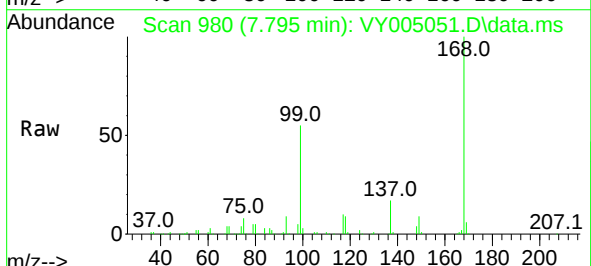
Instrument :
MSVOA_Y
ClientSampled :



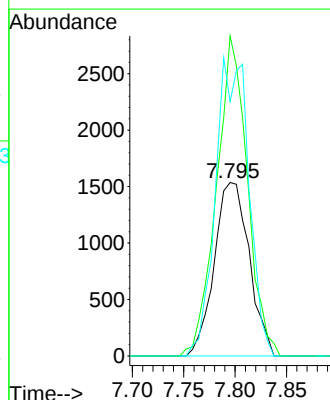
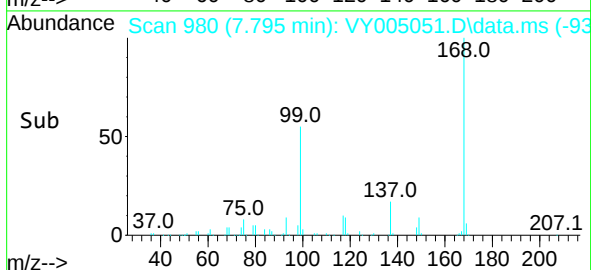
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 33.7 25.3 37.9

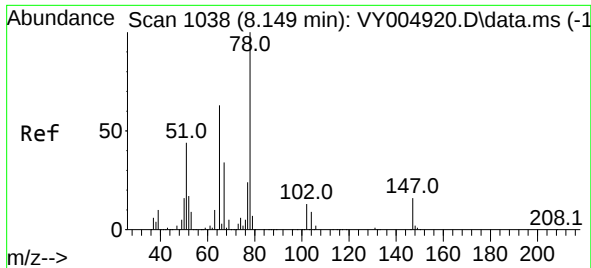


#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05



Tgt Ion: 56 Resp: 3633
Ion Ratio Lower Upper
56 100
69 184.5 25.3 37.9#
84 146.5 66.2 99.4#

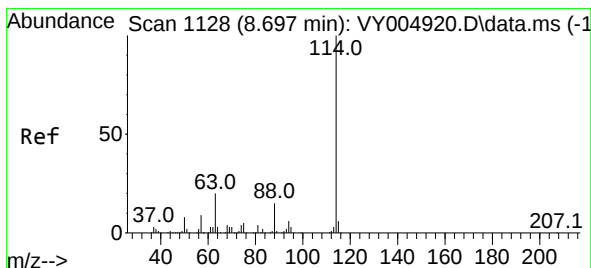
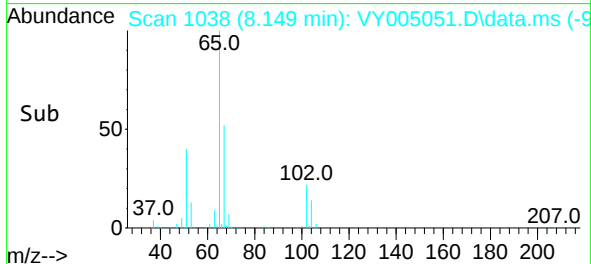
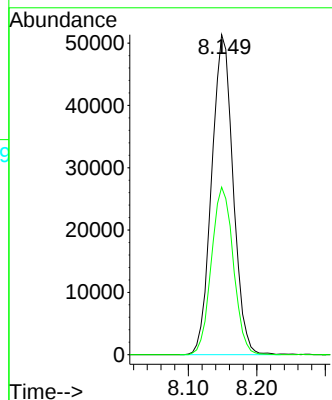
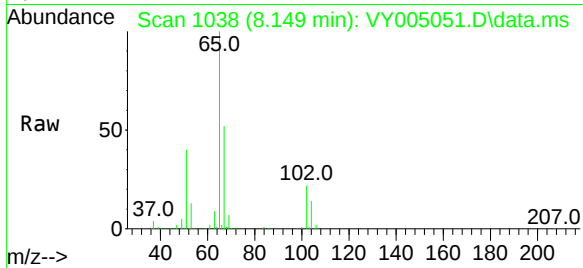




#33
 1,2-Dichloroethane-d4
 Concen: 63.112 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005051.D
 Acq: 09 Jun 2021 17:05

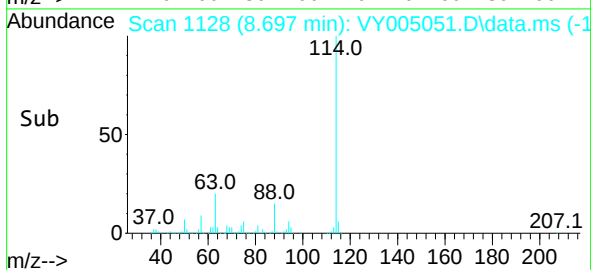
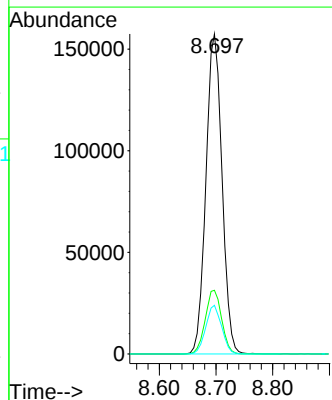
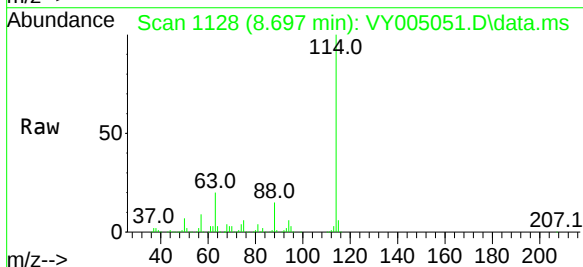
Instrument :
 MSVOA_Y
 ClientSampled :

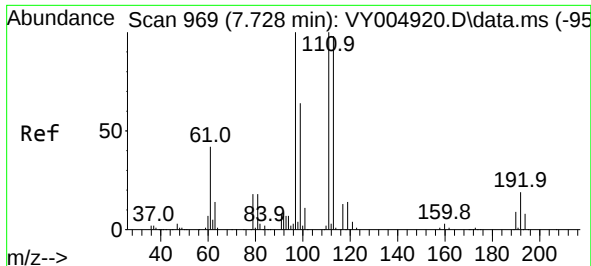
Tgt Ion: 65 Resp: 111399
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005051.D
 Acq: 09 Jun 2021 17:05

Tgt Ion: 114 Resp: 309906
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.2 0.0 30.6

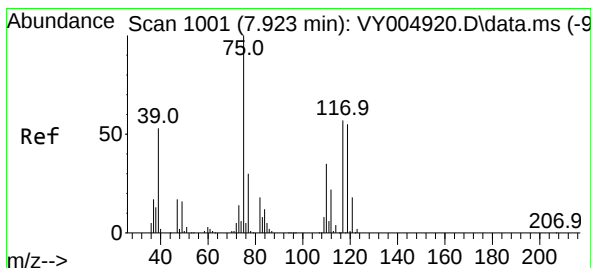
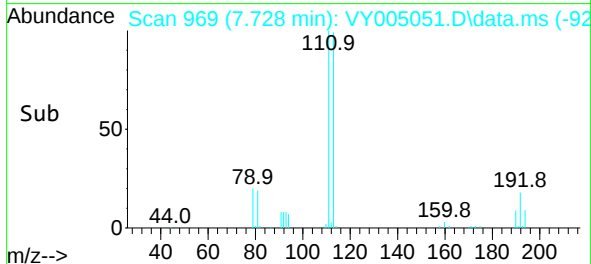
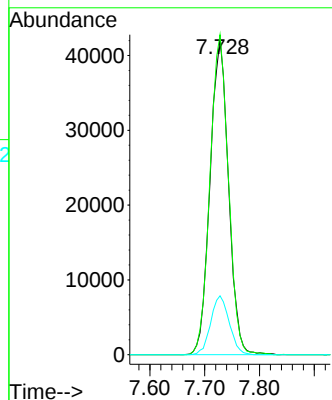
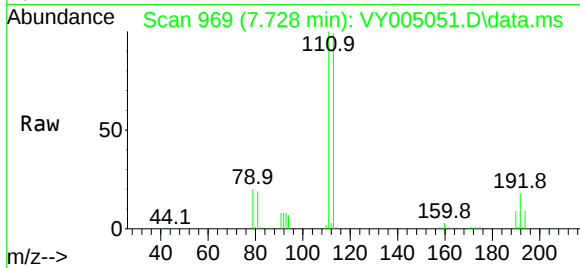




#35
Dibromofluoromethane
Concen: 59.057 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

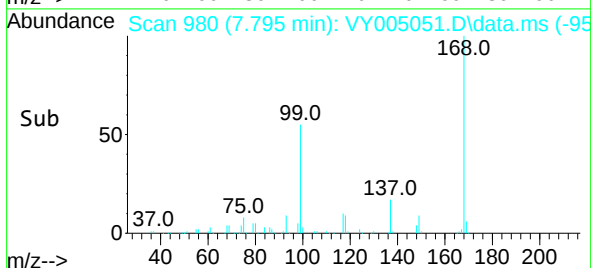
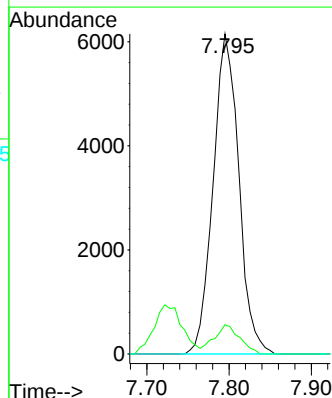
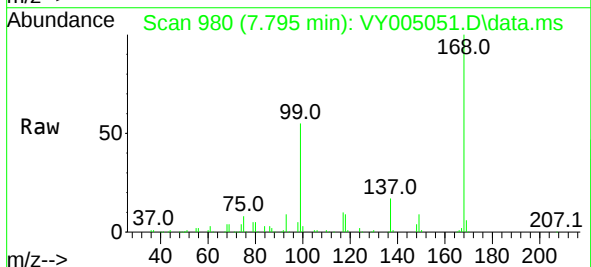
Instrument :
MSVOA_Y
ClientSampleId :

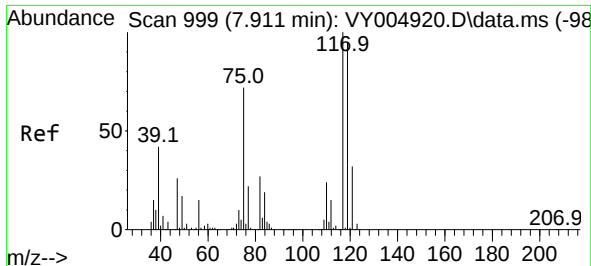
Tgt Ion:	113	Resp:	98467
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	18.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

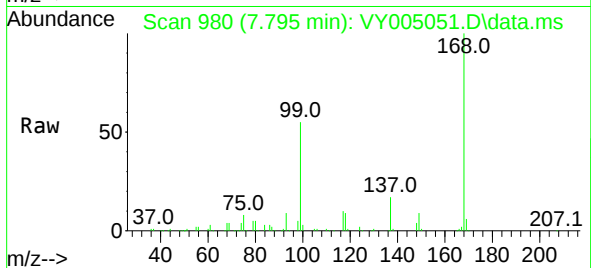
Tgt Ion:	75	Resp:	13326
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	25.1	37.7#



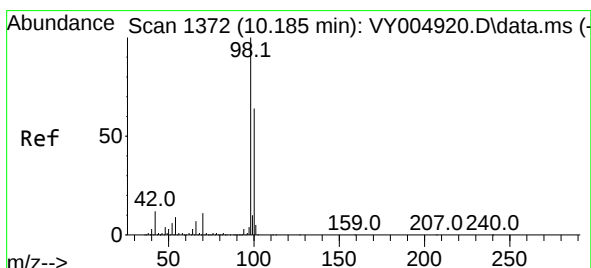
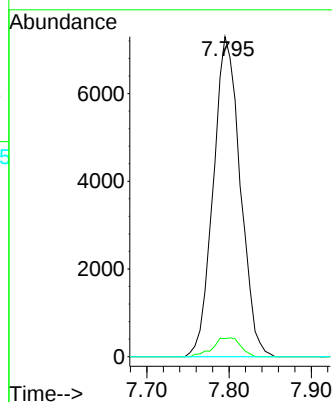
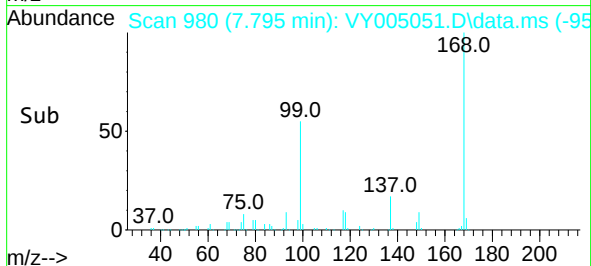


#38
Carbon Tetrachloride
Concen: 6.301 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

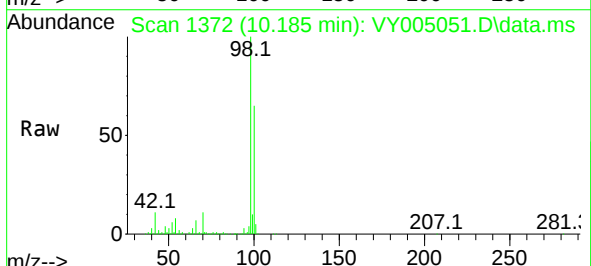
Instrument :
MSVOA_Y
ClientSampleId :



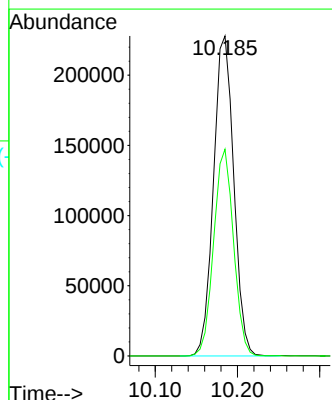
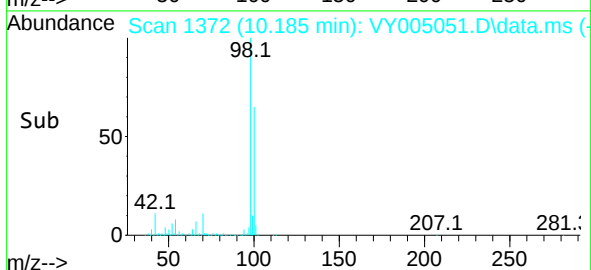
Tgt Ion:117 Resp: 16633
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 25.5 38.3#

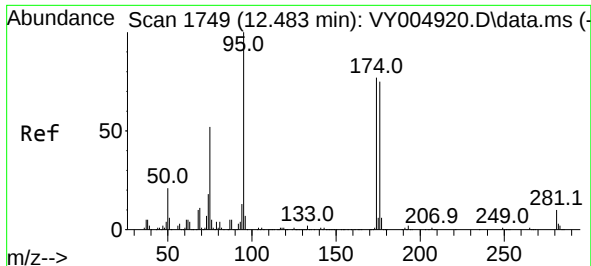


#50
Toluene-d8
Concen: 56.344 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05



Tgt Ion: 98 Resp: 390164
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6

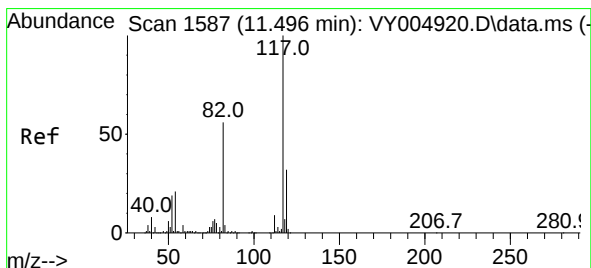
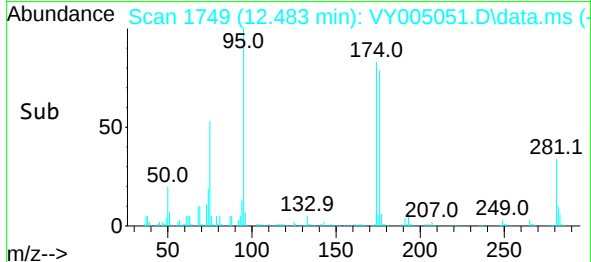
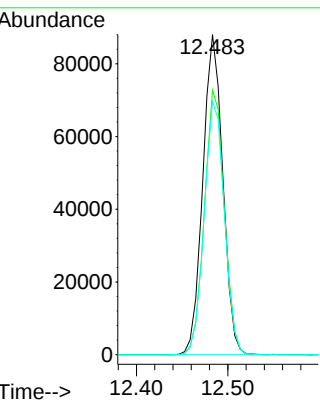
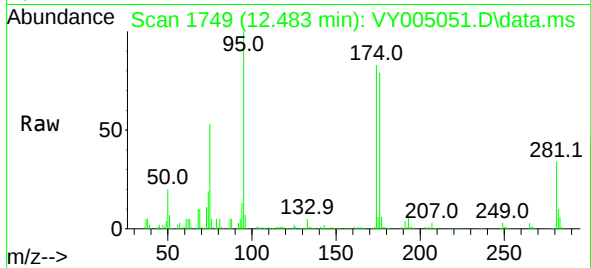




#62
4-Bromofluorobenzene
Concen: 55.991 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

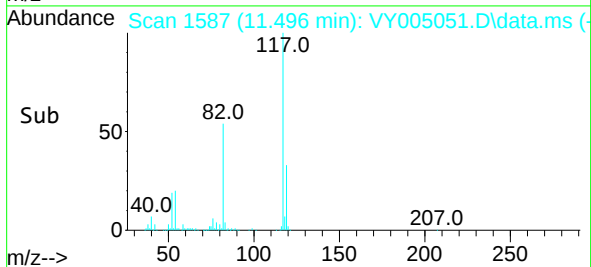
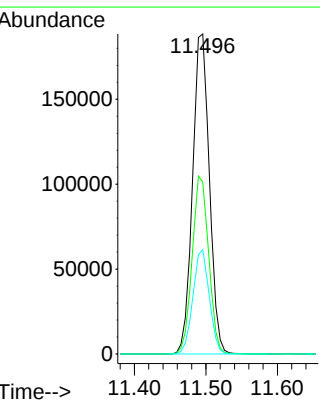
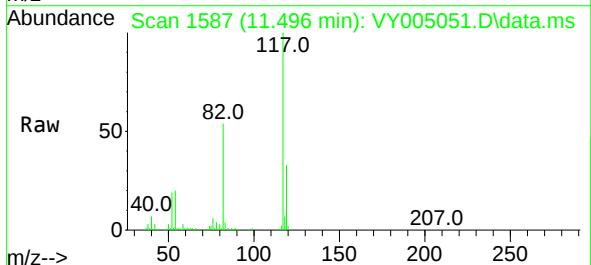
Instrument :
MSVOA_Y
ClientSampleId :

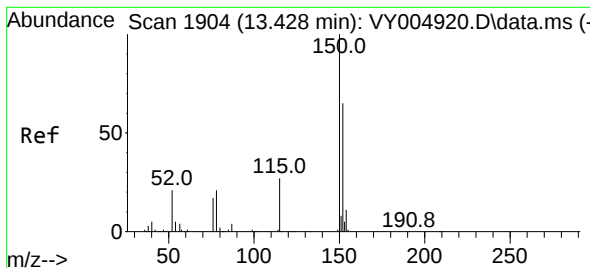
Tgt Ion: 95 Resp: 133344
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.8
176 80.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Tgt Ion: 117 Resp: 307632
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.6 25.2 37.8

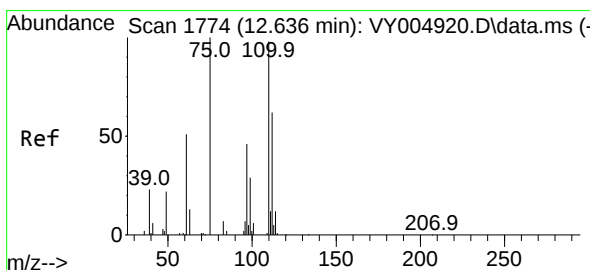
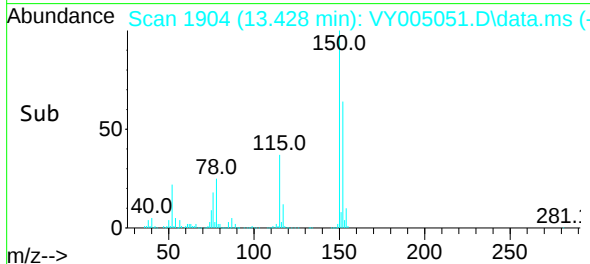
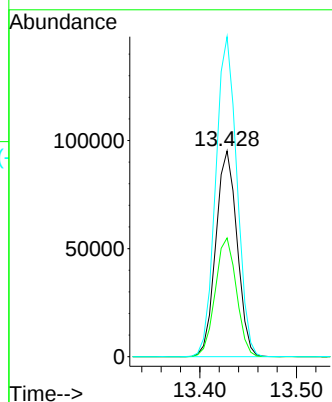
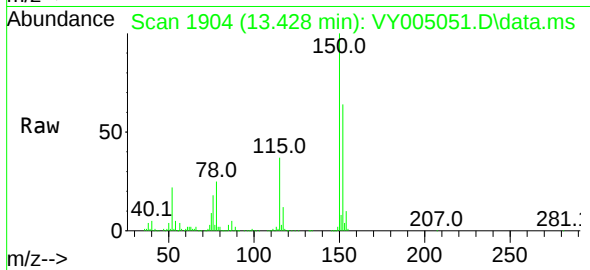




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005051.D
 Acq: 09 Jun 2021 17:05

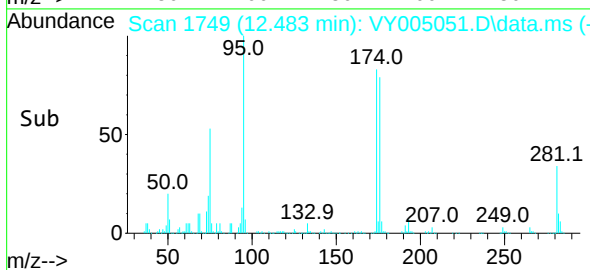
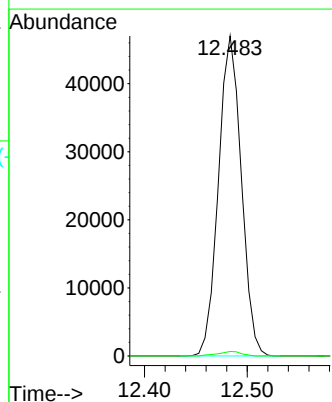
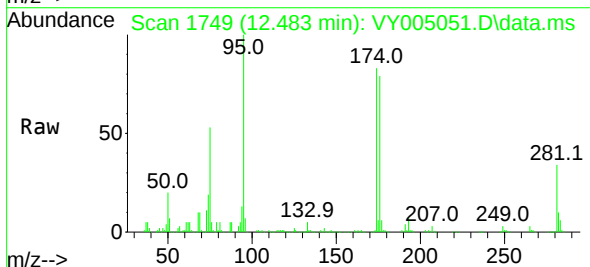
Instrument :
 MSVOA_Y
 ClientSampleId :

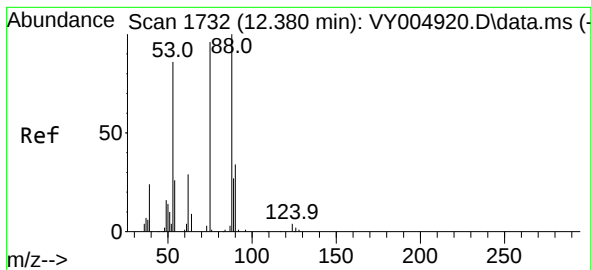
Tgt Ion:152 Resp: 145374
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.9 89.7
 150 155.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 45.494 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005051.D
 Acq: 09 Jun 2021 17:05

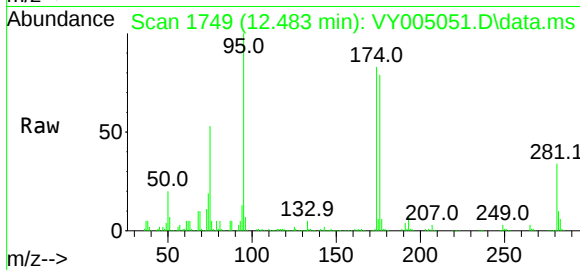
Tgt Ion: 75 Resp: 72499
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.609 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005051.D
 Acq: 09 Jun 2021 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 72499
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 0.6 35.0 52.6#

