

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005084.D
 Acq On : 10 Jun 2021 18:01
 Operator : SY/MD
 Sample : M2672-07
 Misc : 7.88G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:07:32 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)

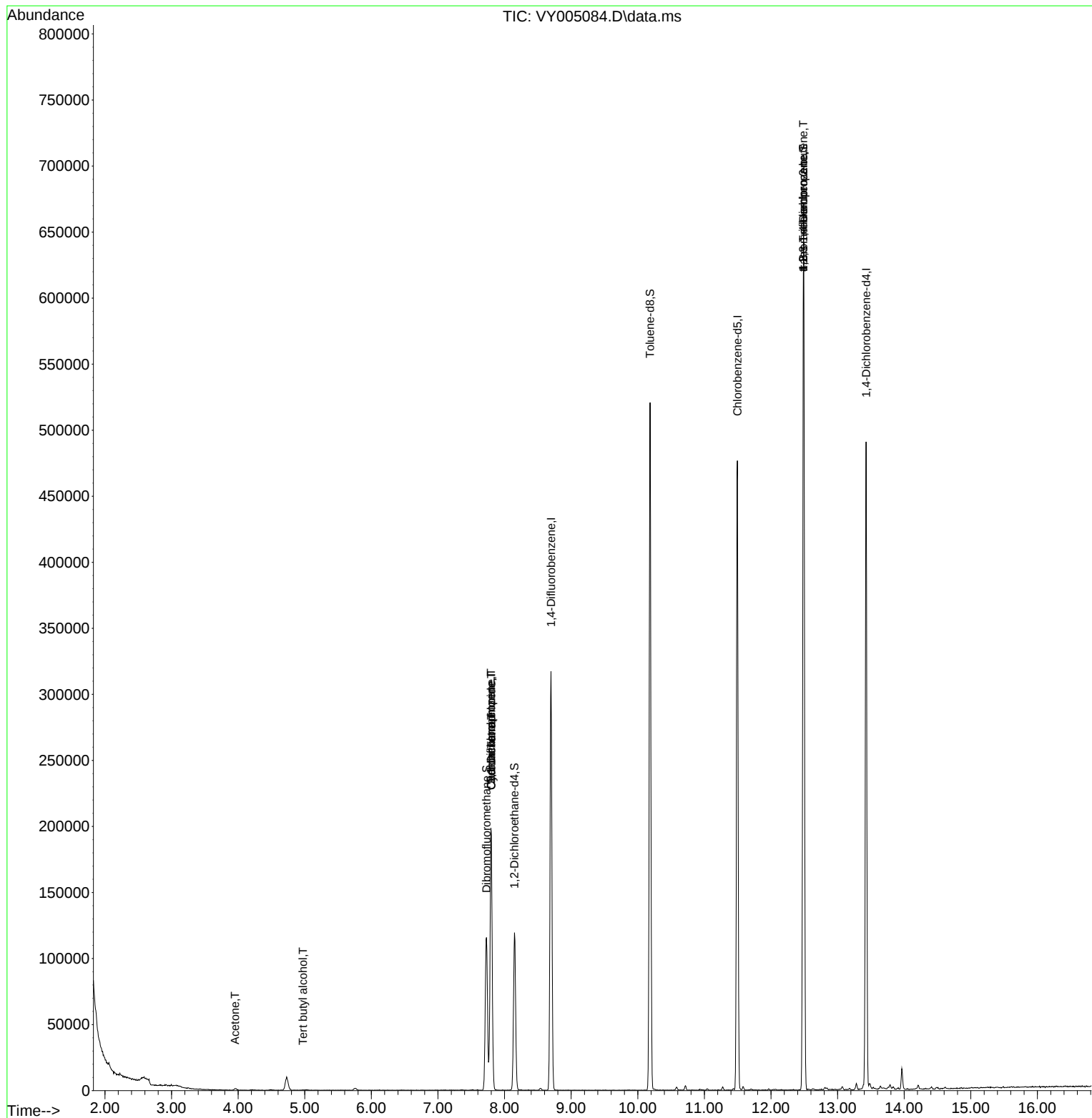
Internal Standards						
1) Pentafluorobenzene	7.795	168	151158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92640	57.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.940%			
35) Dibromofluoromethane	7.728	113	82863	56.681	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.360%			
50) Toluene-d8	10.185	98	337105	55.522	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.040%			
62) 4-Bromofluorobenzene	12.483	95	113631	54.418	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.973	59	377	2.051	ug/l #	74
16) Acetone	3.954	43	1982	5.152	ug/l #	85
20) Methylene Chloride	4.729	84	7323	Below Cal	#	91
31) Cyclohexane	7.801	56	2855	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11290	4.245	ug/l #	49
38) Carbon Tetrachloride	7.801	117	14797	6.394	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61883	46.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61883	85.387	ug/l #	16

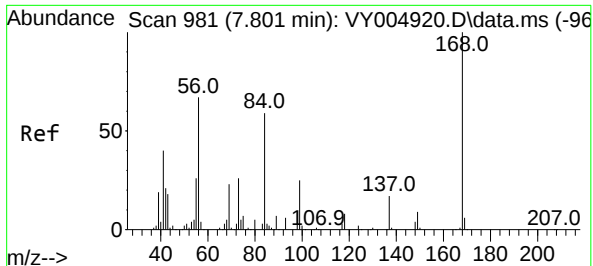
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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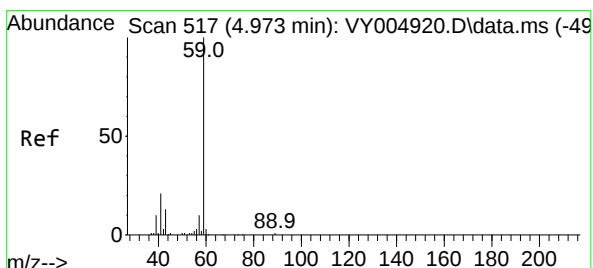
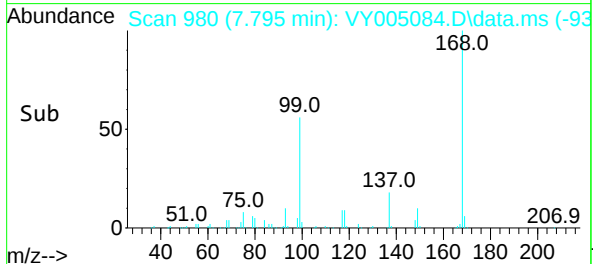
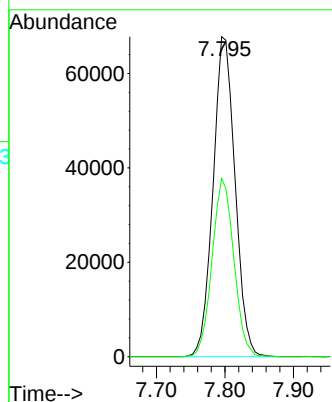
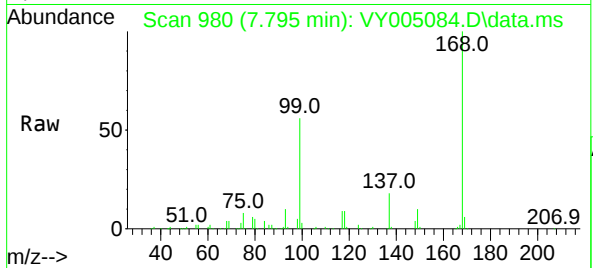




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

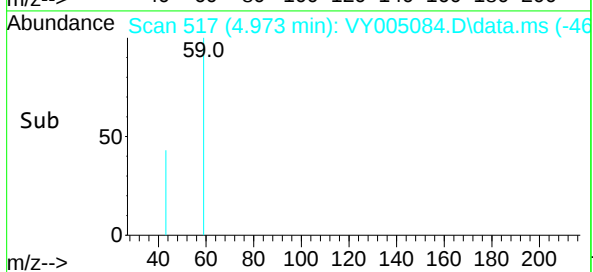
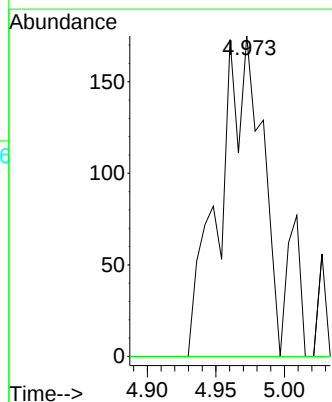
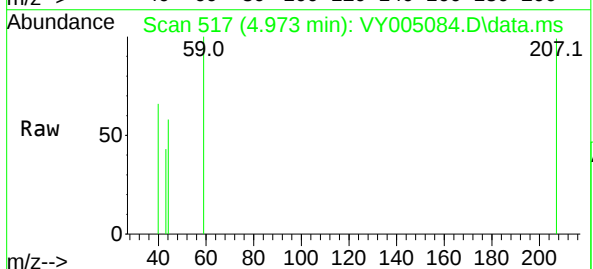
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 151158
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.051 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

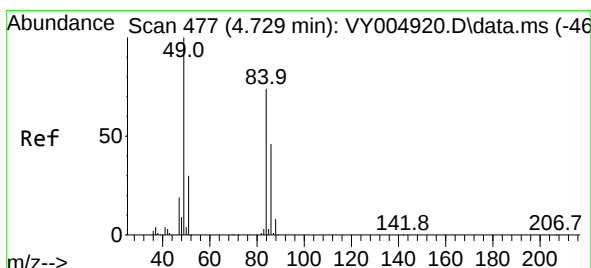
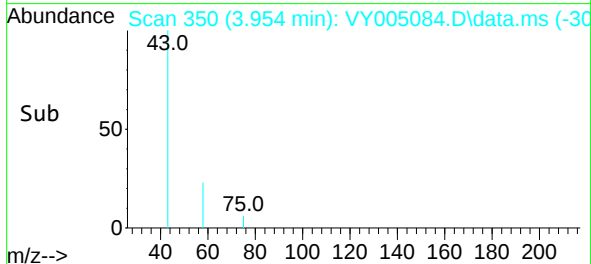
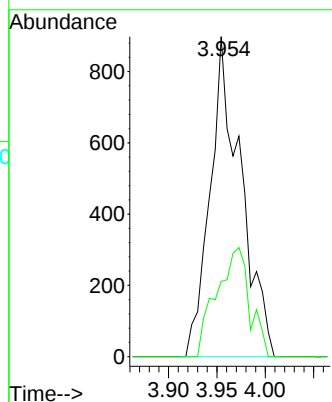
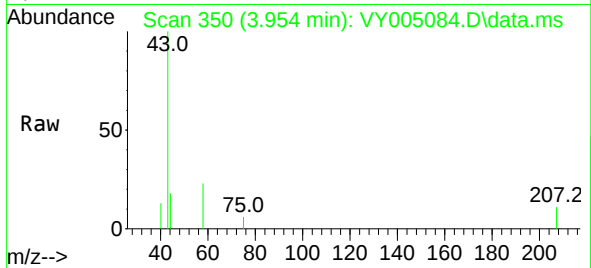




#16
Acetone
Concen: 5.152 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

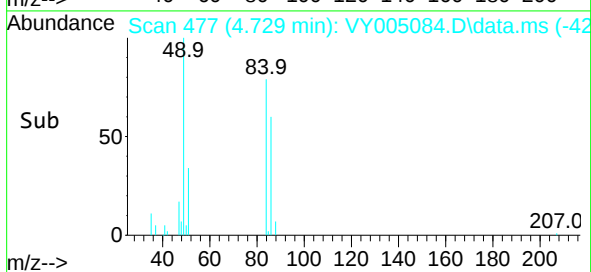
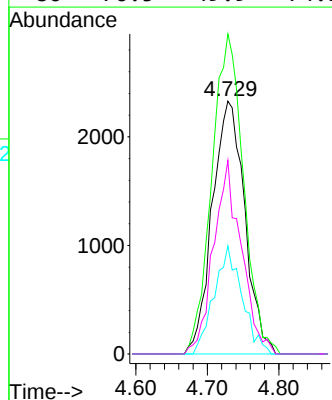
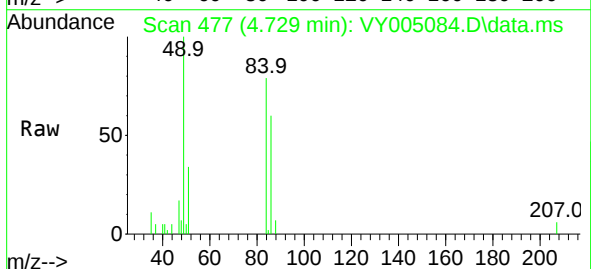
Instrument :
MSVOA_Y
ClientSampleId :

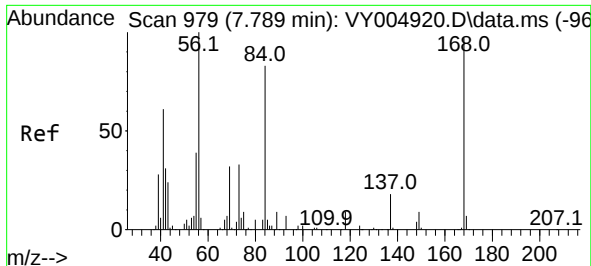
Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 23.5 25.3 37.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

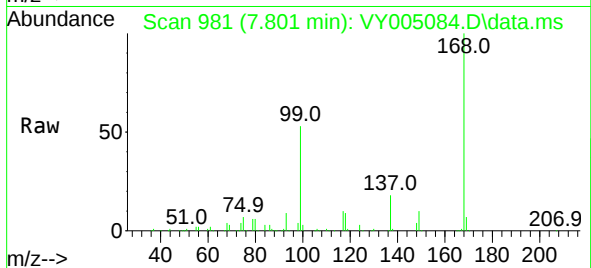
Tgt Ion: 84 Resp: 7323
Ion Ratio Lower Upper
84 100
49 126.6 108.0 162.0
51 42.8 32.6 48.8
86 76.5 49.9 74.9#



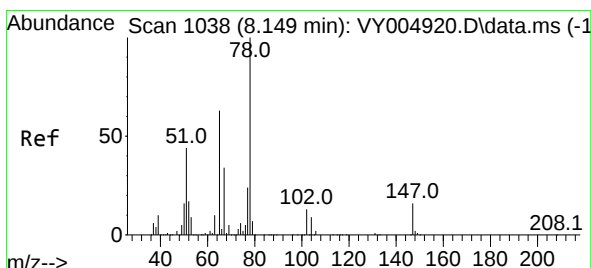
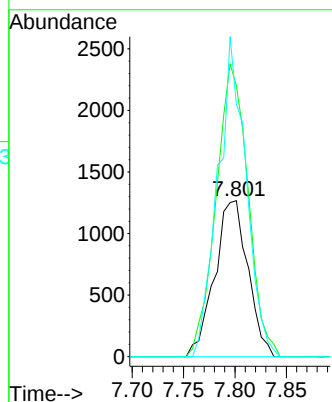
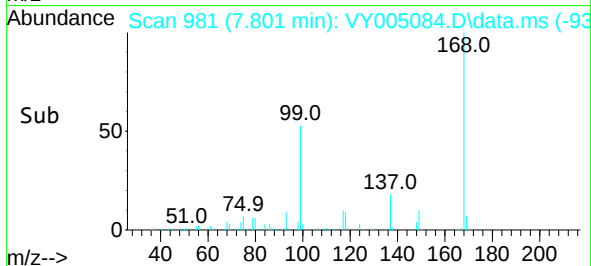


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

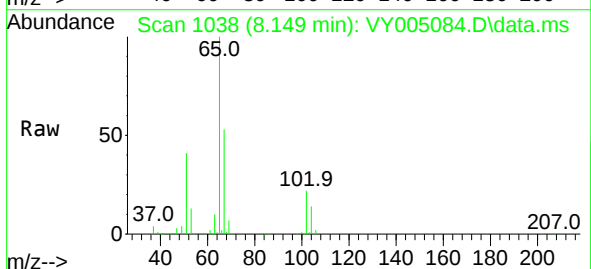
Instrument :
MSVOA_Y
ClientSampleId :



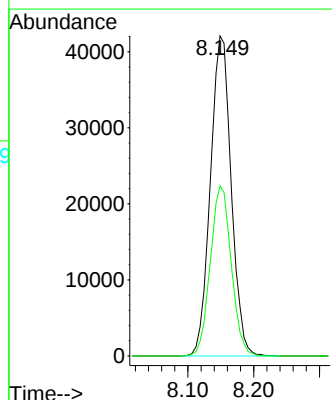
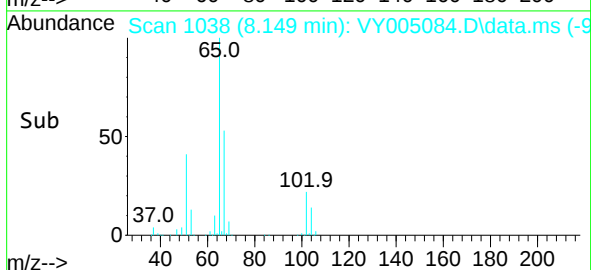
Tgt Ion: 56 Resp: 2855
Ion Ratio Lower Upper
56 100
69 173.9 25.3 37.9#
84 161.9 66.2 99.4#

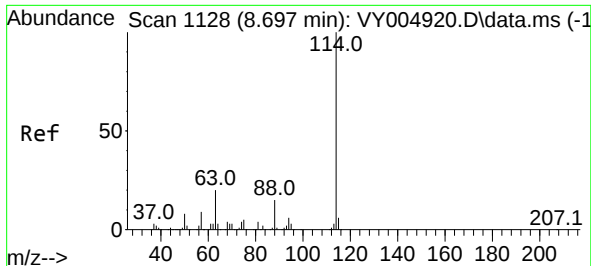


#33
1,2-Dichloroethane-d4
Concen: 57.972 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01



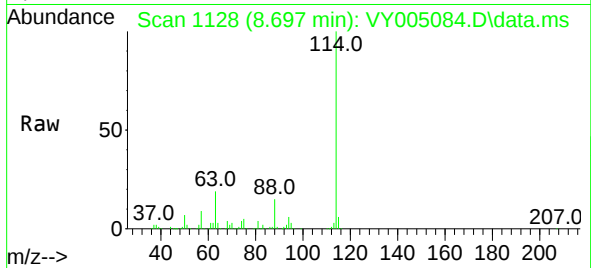
Tgt Ion: 65 Resp: 92640
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6



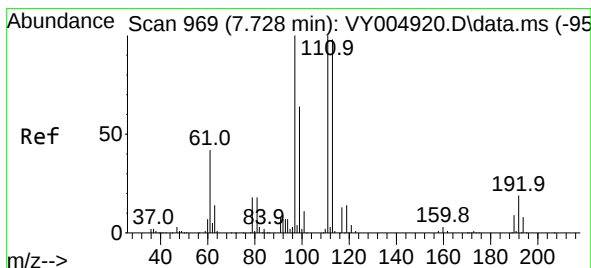
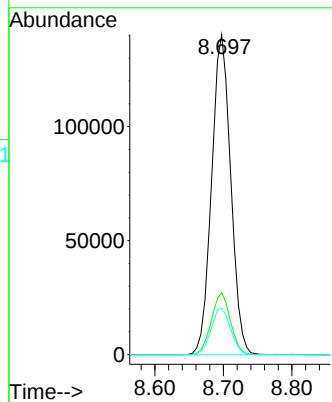
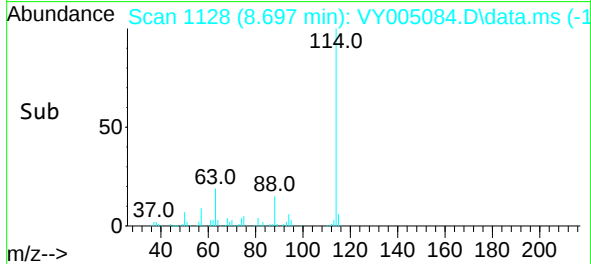


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

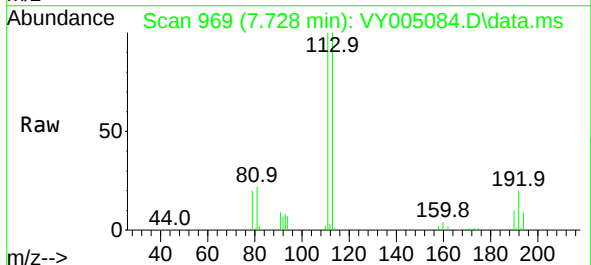
Instrument :
MSVOA_Y
ClientSampled :



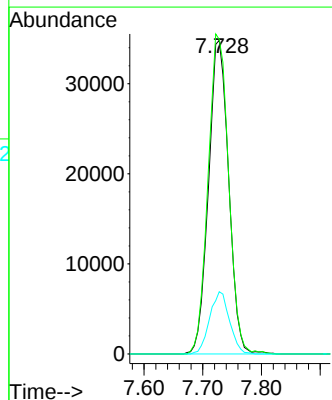
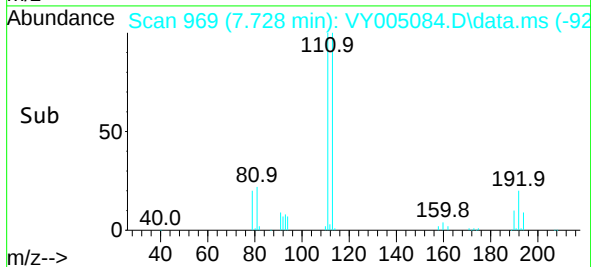
Tgt Ion:114 Resp: 271725
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.0
88 14.5 0.0 30.6

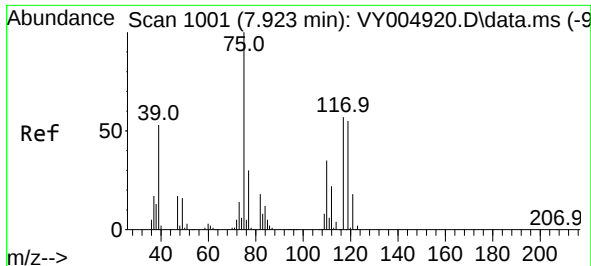


#35
Dibromofluoromethane
Concen: 56.681 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01



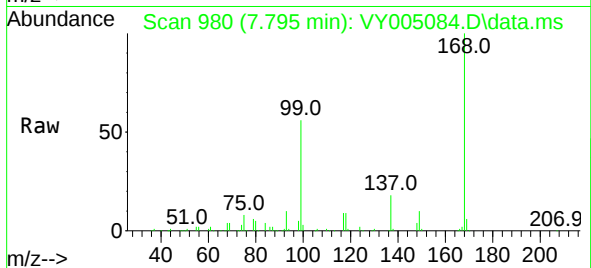
Tgt Ion:113 Resp: 82863
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 19.5 15.3 22.9



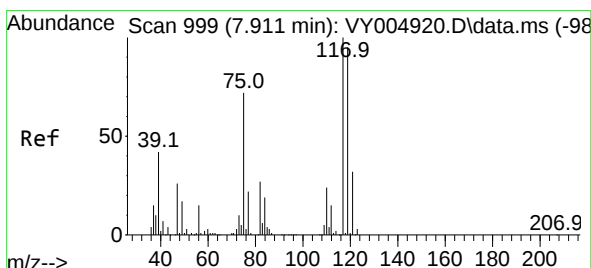
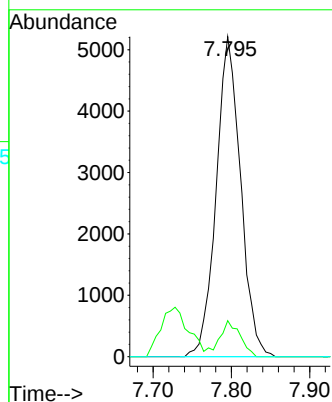
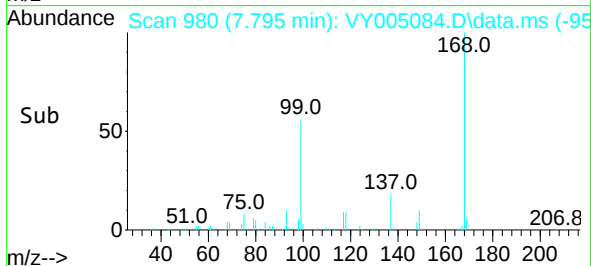


#36
 1,1-Dichloropropene
 Concen: 4.245 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005084.D
 Acq: 10 Jun 2021 18:01

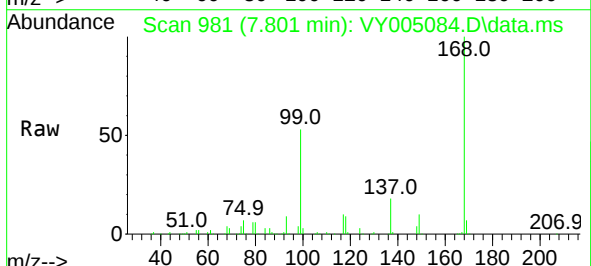
Instrument :
 MSVOA_Y
 ClientSampleId :



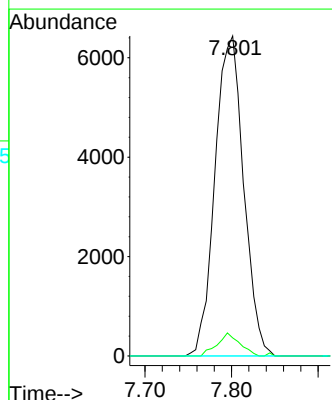
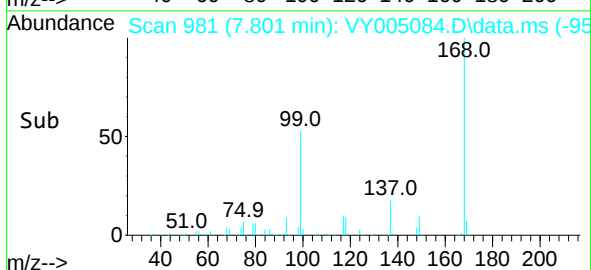
Tgt Ion:	75	Resp:	11290
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.5	52.5#
77	0.0	25.1	37.7#

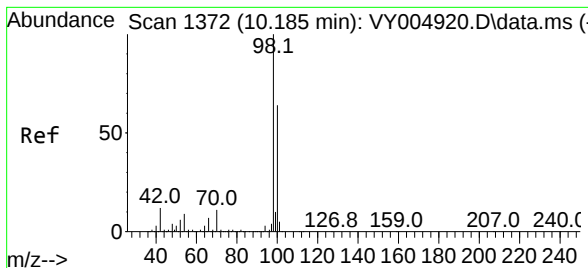


#38
 Carbon Tetrachloride
 Concen: 6.394 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005084.D
 Acq: 10 Jun 2021 18:01



Tgt Ion:	117	Resp:	14797
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.1	114.1#
121	0.0	25.5	38.3#

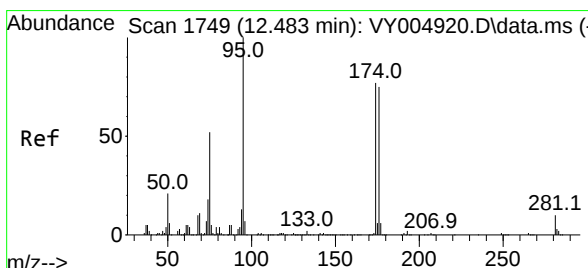
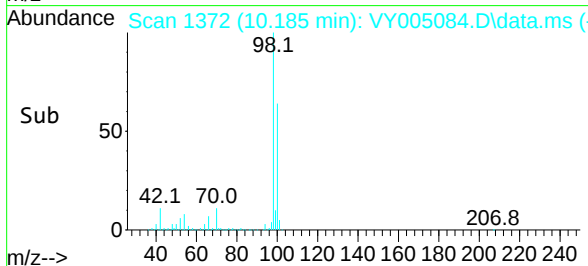
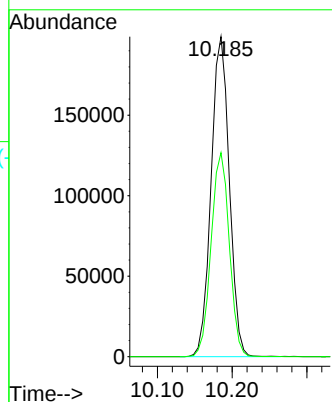
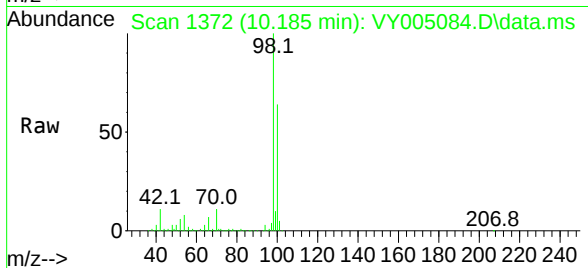




#50
Toluene-d8
Concen: 55.522 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

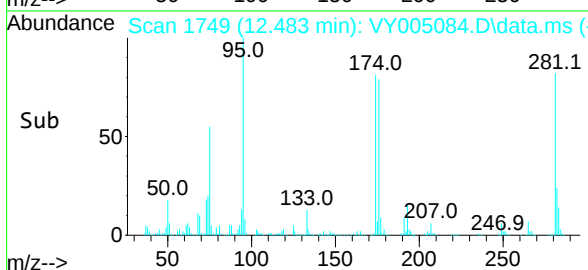
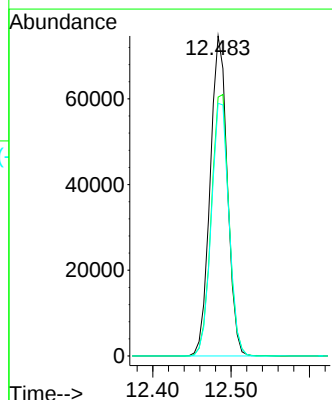
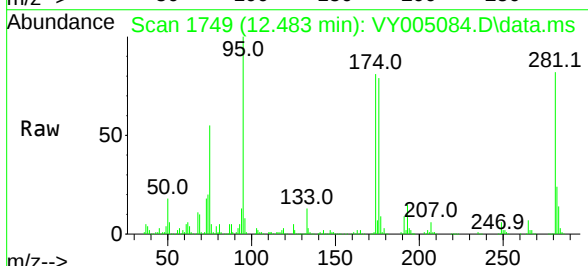
Instrument :
MSVOA_Y
ClientSampleId :

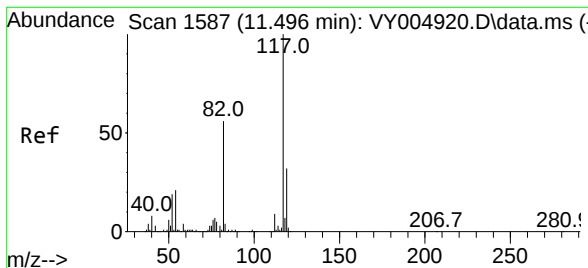
Tgt Ion: 98 Resp: 337105
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

Tgt Ion: 95 Resp: 113631
Ion Ratio Lower Upper
95 100
174 83.5 0.0 160.8
176 81.2 0.0 155.6

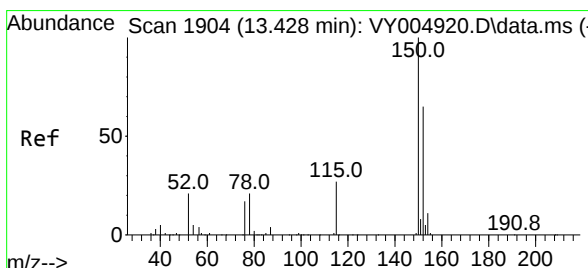
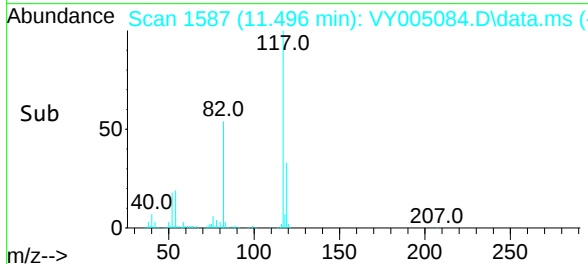
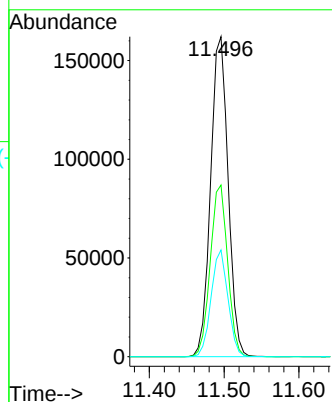
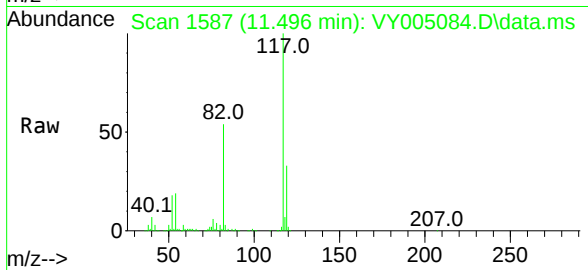




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

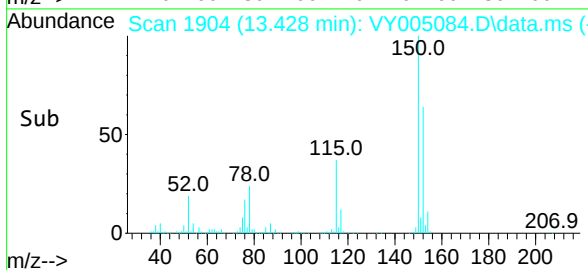
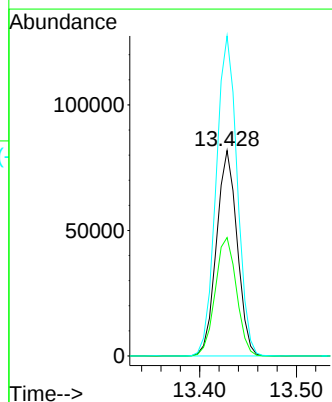
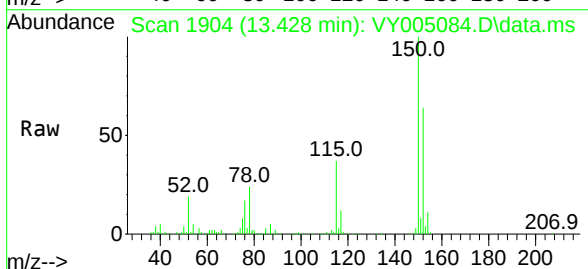
Instrument :
MSVOA_Y
ClientSampleId :

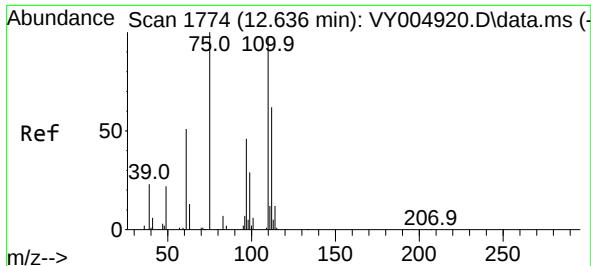
Tgt Ion:117 Resp: 263105
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

Tgt Ion:152 Resp: 121503
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 158.7 0.0 347.8

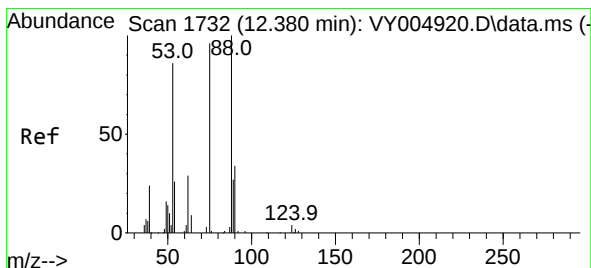
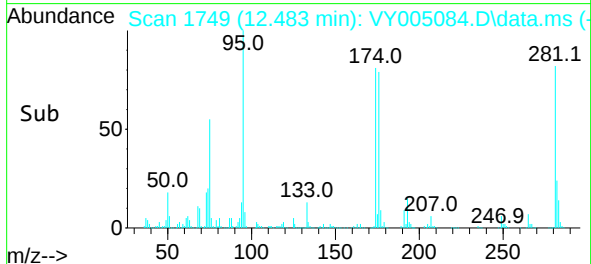
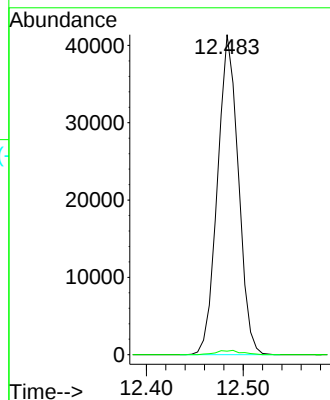
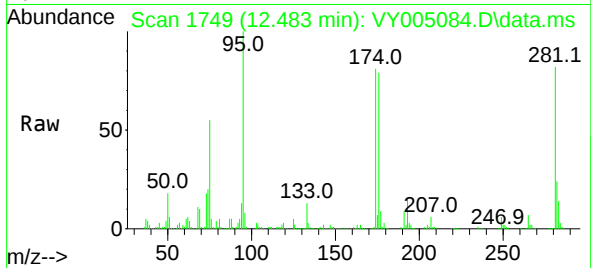




#76
1,2,3-Trichloropropane
Concen: 46.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61883
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005084.D
Acq: 10 Jun 2021 18:01

Tgt Ion: 75 Resp: 61883
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.3 35.0 52.6#

