

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004540.D
 Acq On : 20 Apr 2021 19:37
 Operator : SY/MD
 Sample : M2100-02
 Misc : 4.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

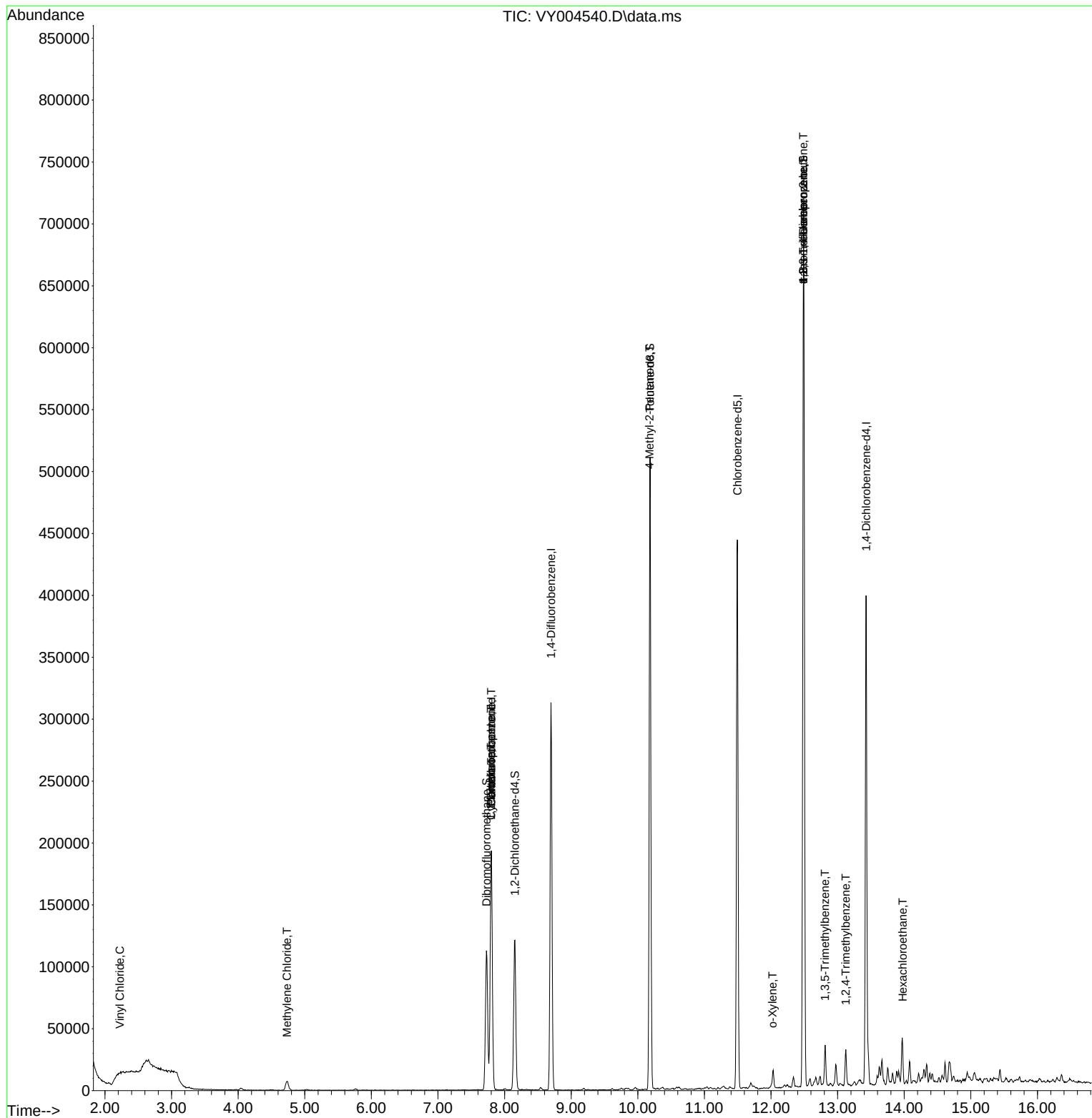
Internal Standards						
1) Pentafluorobenzene	7.801	168	145869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	94738	58.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.92%			
35) Dibromofluoromethane	7.728	113	77227	55.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.68%			
50) Toluene-d8	10.185	98	310770	52.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.70%			
62) 4-Bromofluorobenzene	12.483	95	101849	50.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.12%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	6607	3.20	ug/l #	43
16) Acetone	3.979	43	834	Below Cal	#	44
20) Methylene Chloride	4.735	84	5199	3.32	ug/l #	91
31) Cyclohexane	7.795	56	3773	1.27	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	11416	4.57	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14277	6.61	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1766	1.13	ug/l #	1
69) o-Xylene	12.026	106	3703	1.21	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	60280	60.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	14100	2.41	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	60280	107.78	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.123	105	14796	2.50	ug/l	95
90) Hexachloroethane	13.977	117	1191	1.40	ug/l #	13

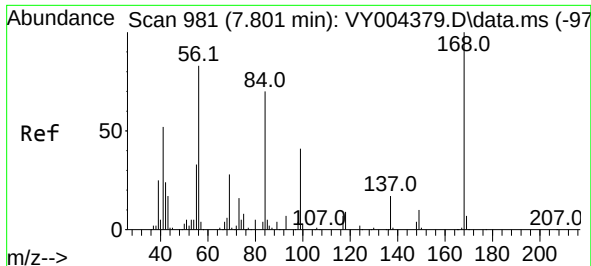
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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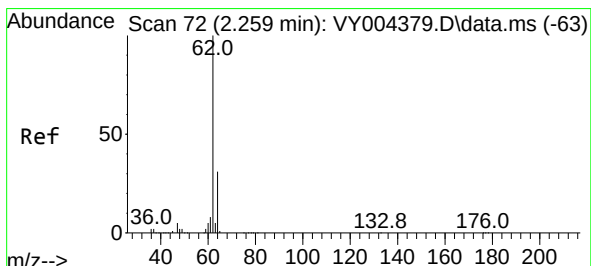
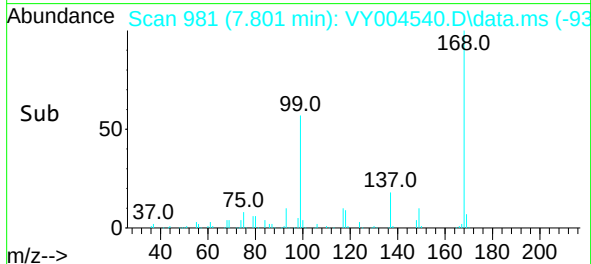
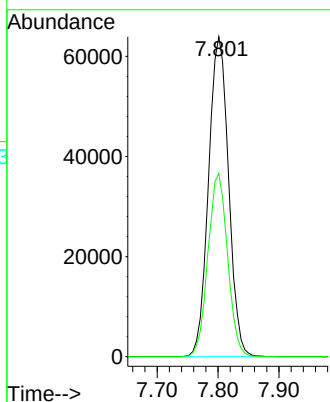
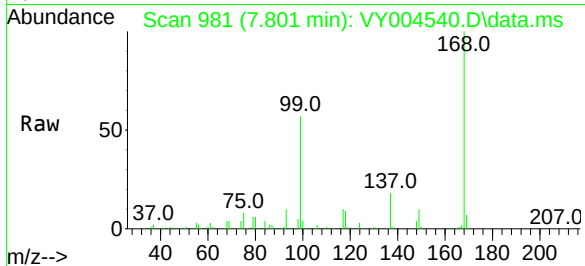




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

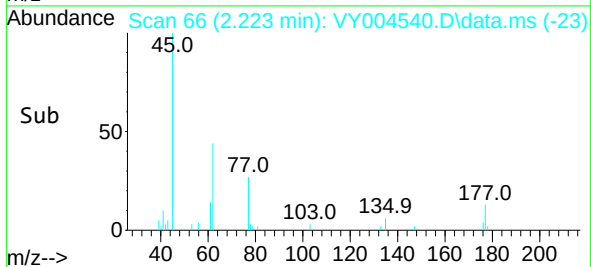
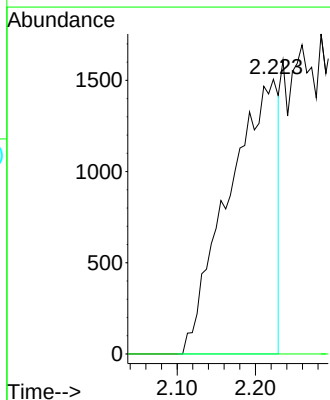
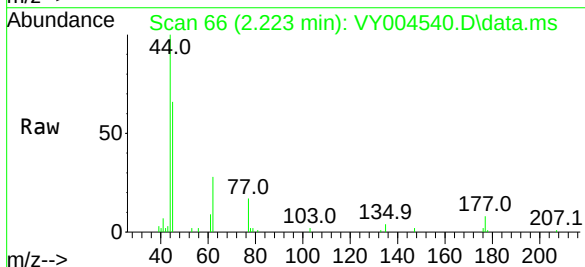
Instrument :
MSVOA_Y
ClientSampleId :

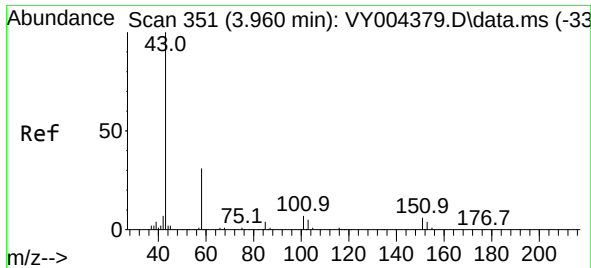
Tgt Ion:168 Resp: 145869
Ion Ratio Lower Upper
168 100
99 57.3 45.5 68.3



#4
Vinyl Chloride
Concen: 3.20 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion: 62 Resp: 6607
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

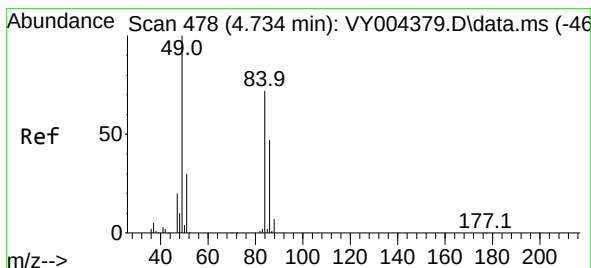
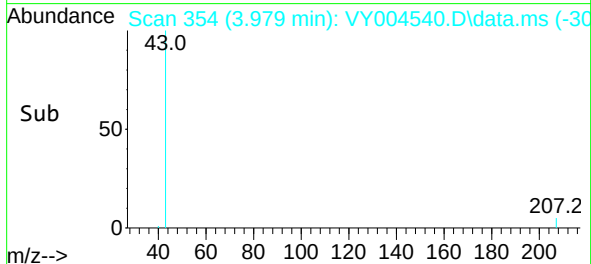
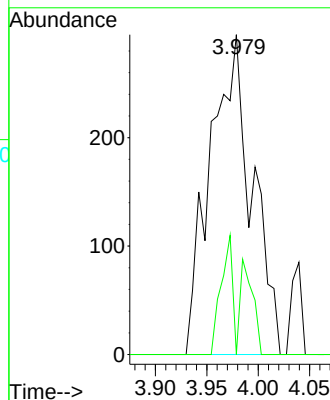
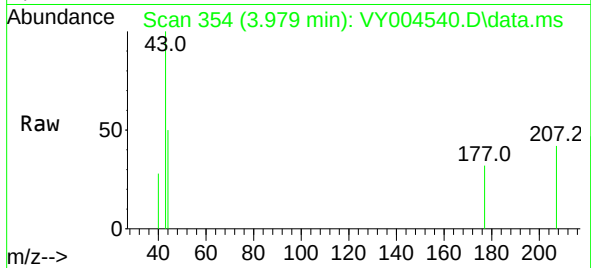




#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

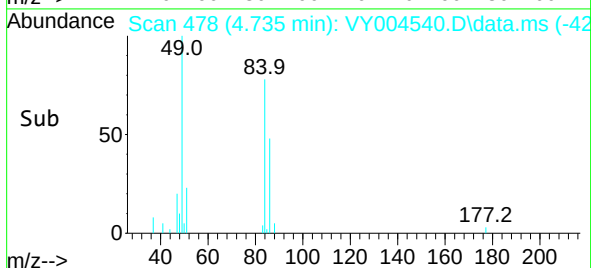
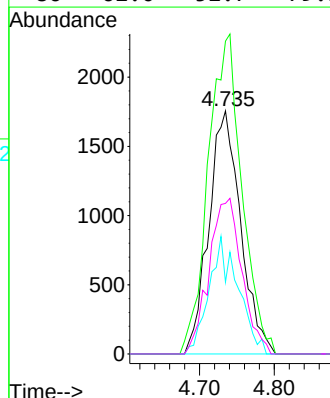
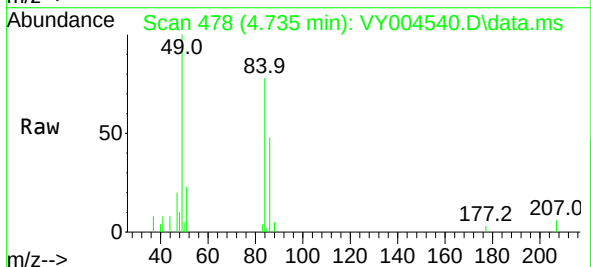
Instrument :
MSVOA_Y
ClientSampled :

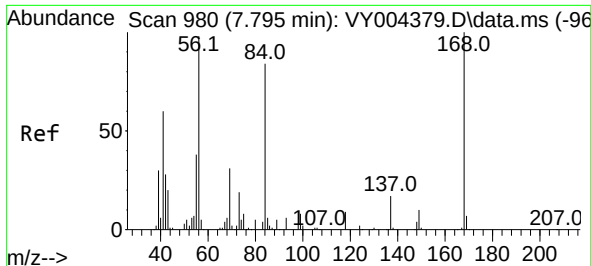
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#20
Methylene Chloride
Concen: 3.32 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

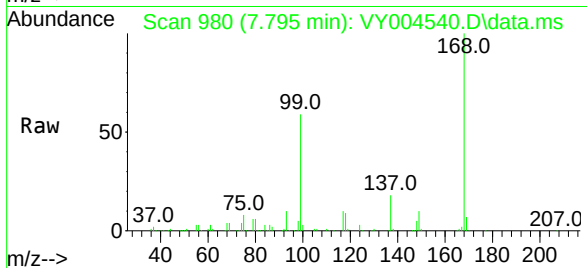
Tgt Ion: 84 Resp: 5199
Ion Ratio Lower Upper
84 100
49 128.7 111.2 166.8
51 29.6 33.4 50.2#
86 62.0 52.7 79.1



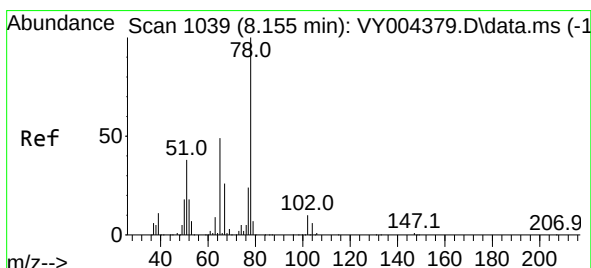
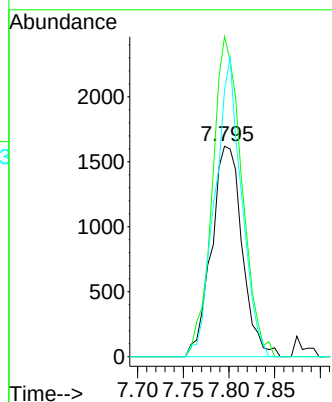
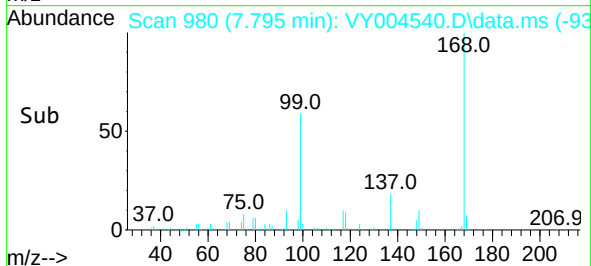


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

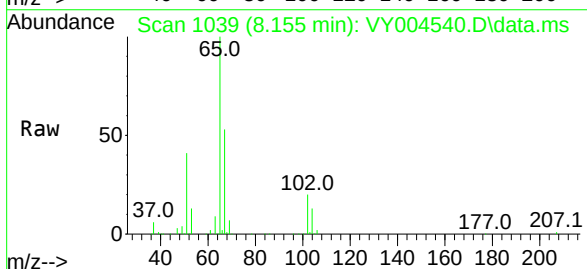
Instrument :
MSVOA_Y
ClientSampleId :



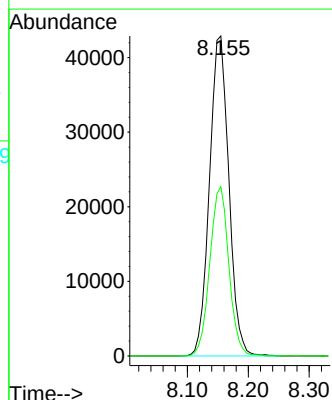
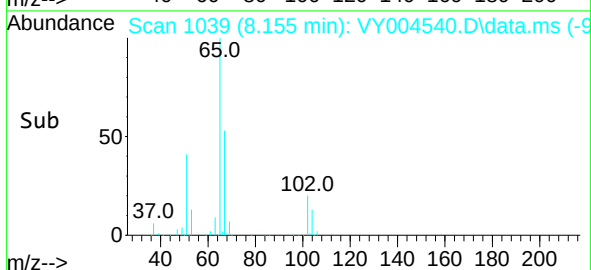
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 152.0 25.8 38.6#
84 126.7 68.2 102.4#

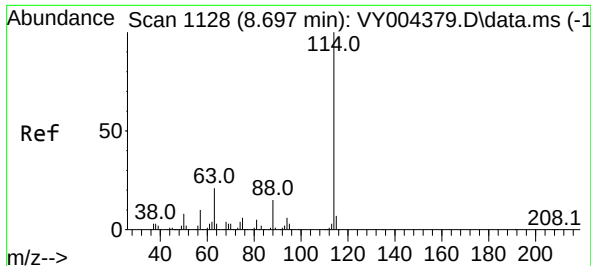


#33
1,2-Dichloroethane-d4
Concen: 58.46 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37



Tgt Ion: 65 Resp: 94738
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4

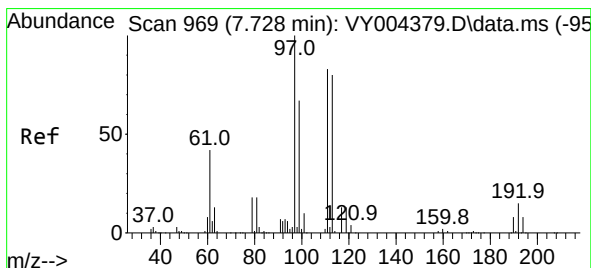
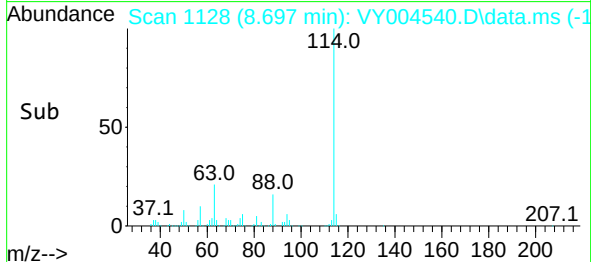
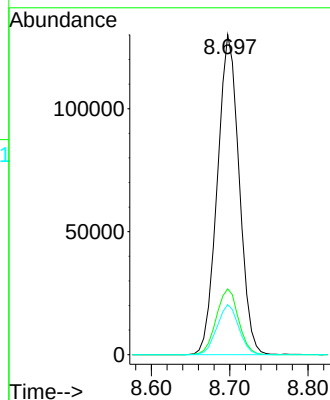
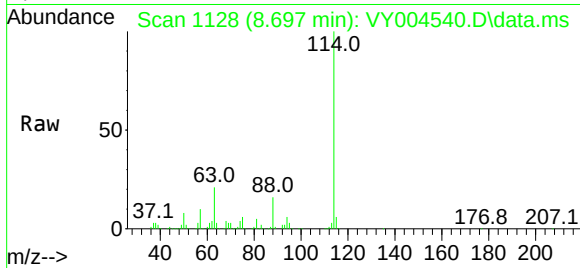




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

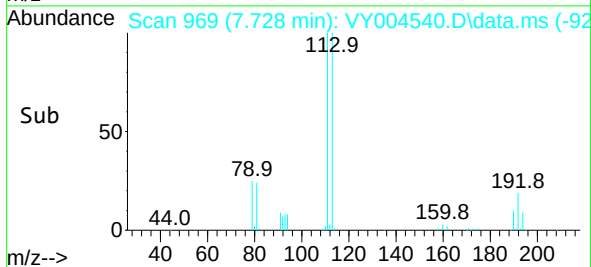
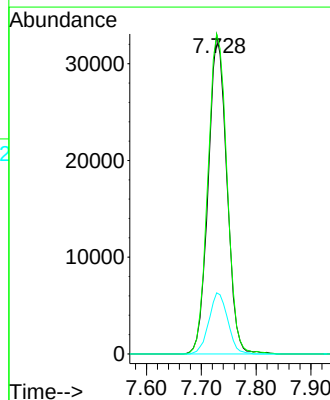
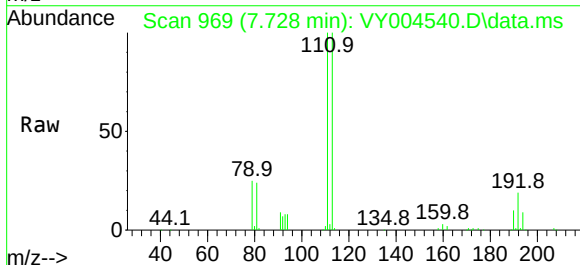
Instrument :
MSVOA_Y
ClientSampled :

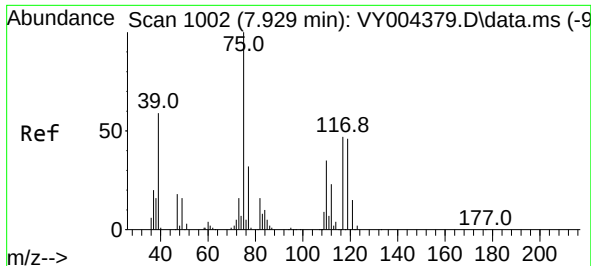
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	19.4	16.1	24.1





#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 7.795 min Scan# 980

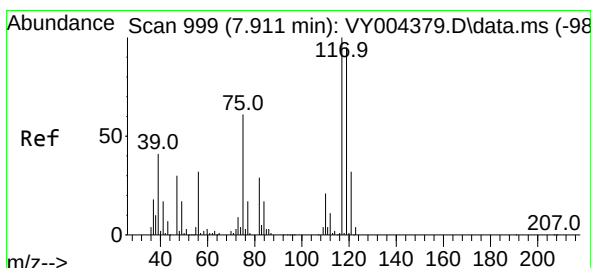
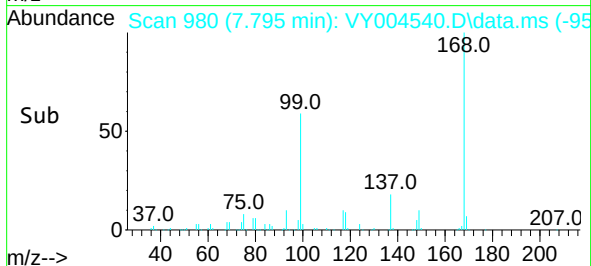
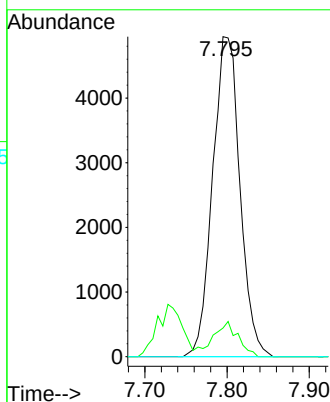
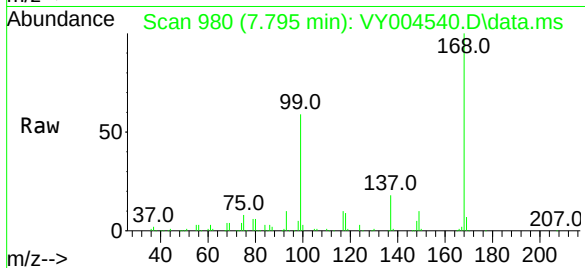
Delta R.T. -0.134 min

Lab File: VY004540.D

Acq: 20 Apr 2021 19:37

Tgt Ion:	75	Resp:	11416
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.61 ug/l

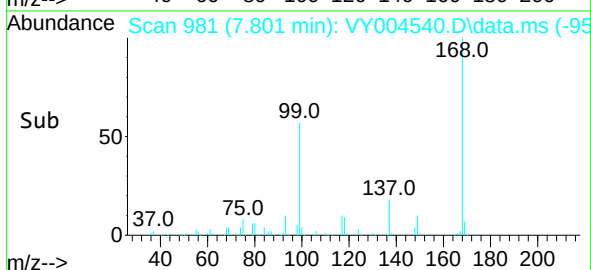
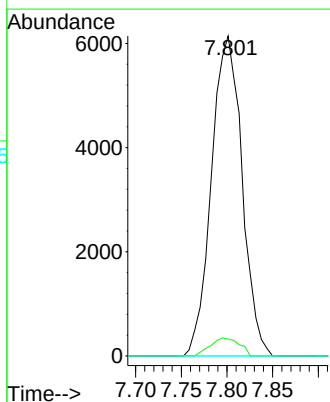
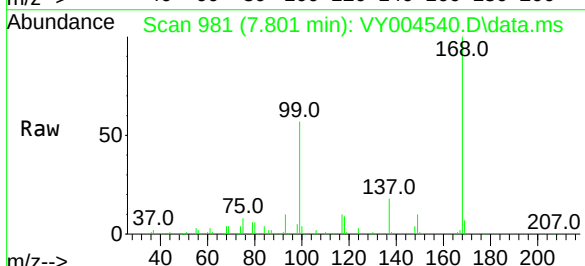
RT: 7.801 min Scan# 981

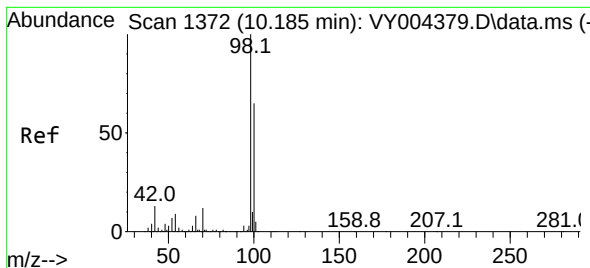
Delta R.T. -0.109 min

Lab File: VY004540.D

Acq: 20 Apr 2021 19:37

Tgt Ion:	117	Resp:	14277
Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.8#
121	0.0	25.3	37.9#

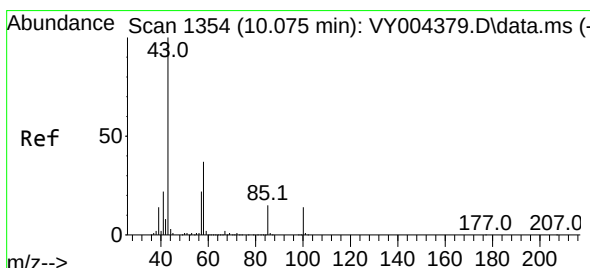
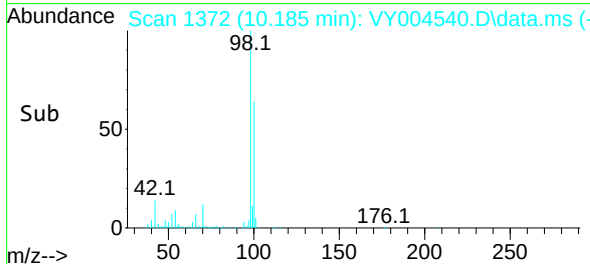
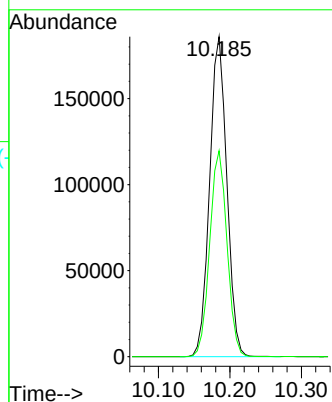
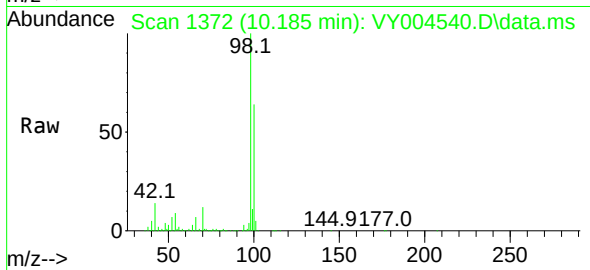




#50
Toluene-d8
Concen: 52.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

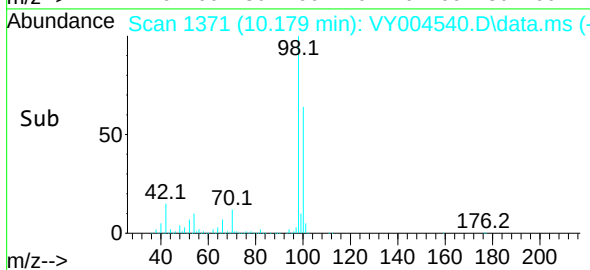
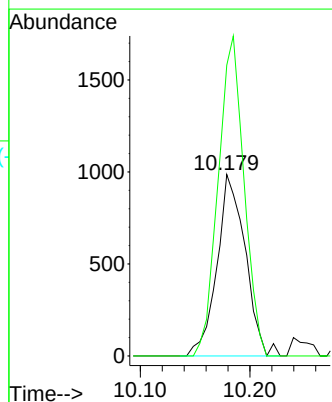
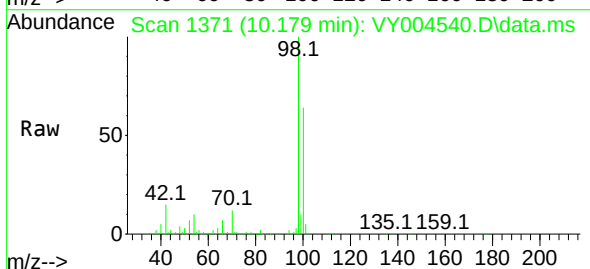
Instrument :
MSVOA_Y
ClientSampled :

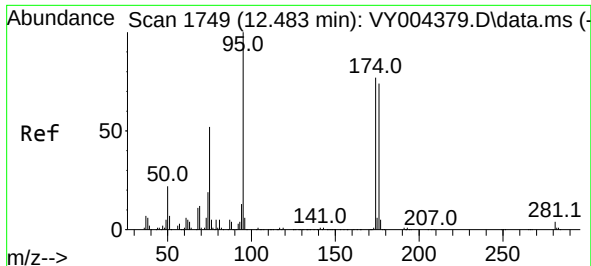
Tgt Ion: 98 Resp: 310770
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.13 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 161.1 29.2 43.8#

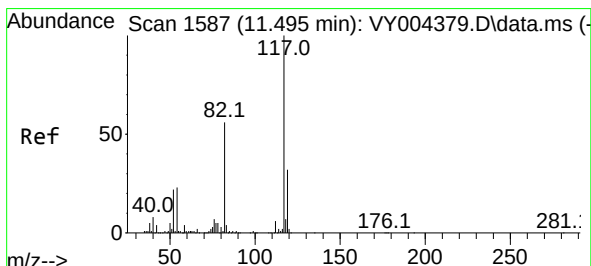
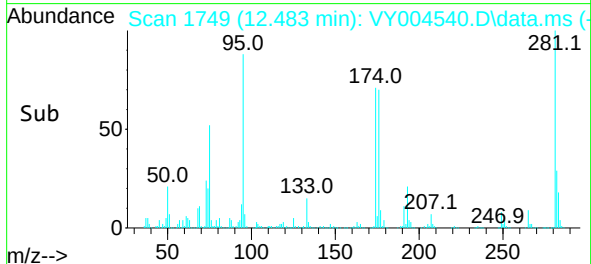
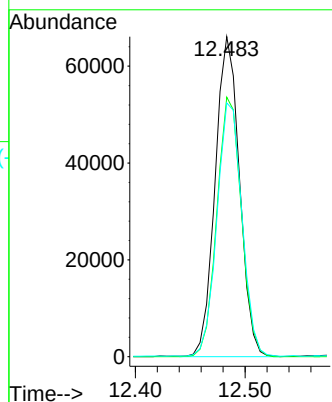
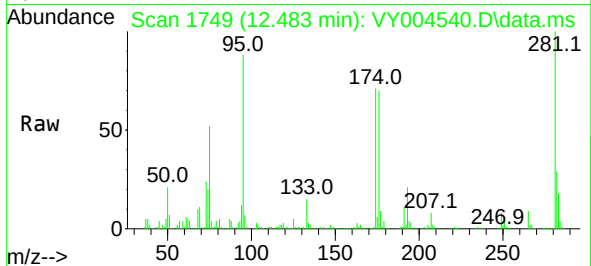




#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

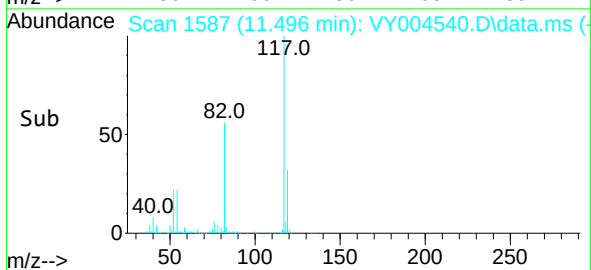
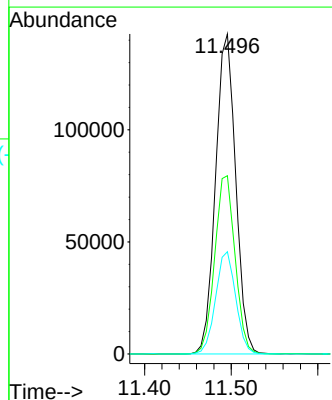
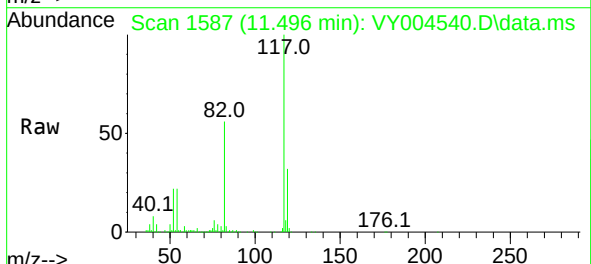
Instrument :
MSVOA_Y
ClientSampleId :

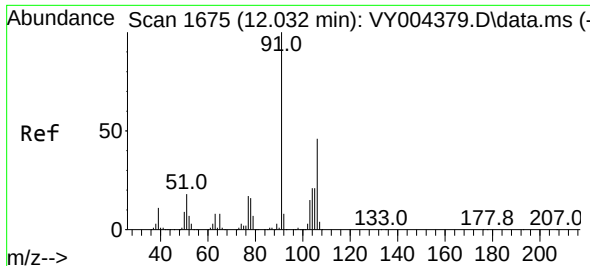
Tgt Ion: 95 Resp: 101849
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.4
176 81.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion: 117 Resp: 230273
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.0 25.4 38.0

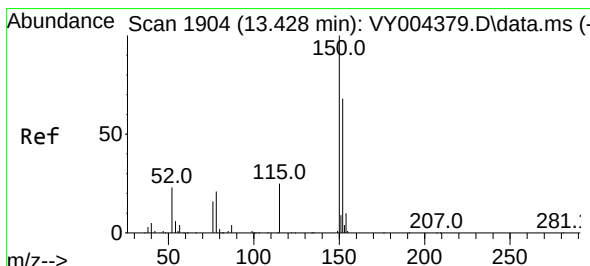
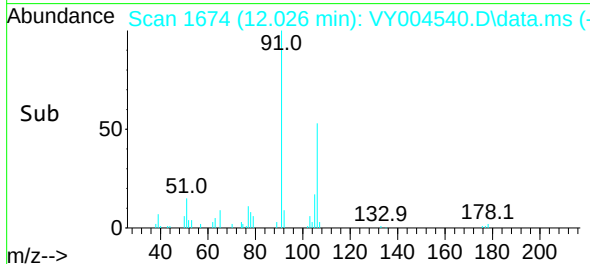
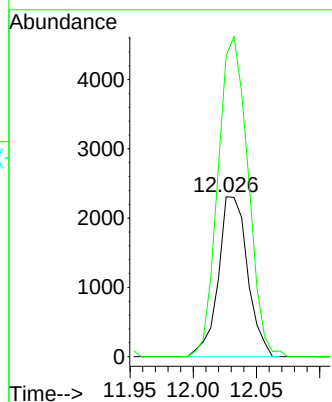
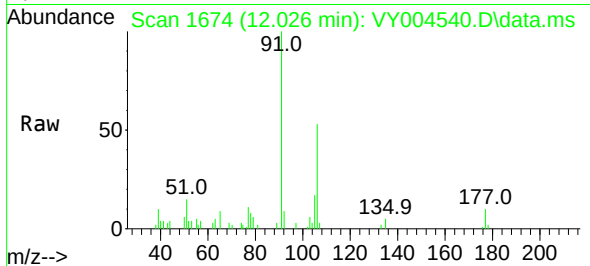




#69
o-Xylene
Concen: 1.21 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

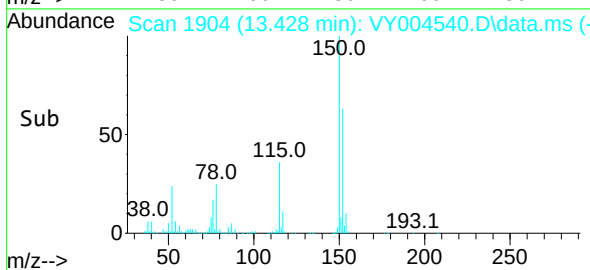
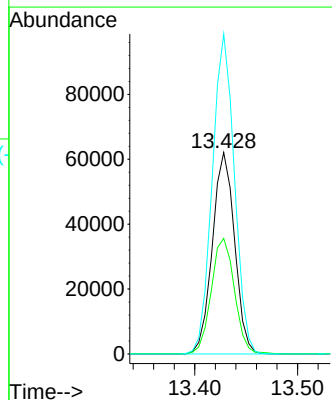
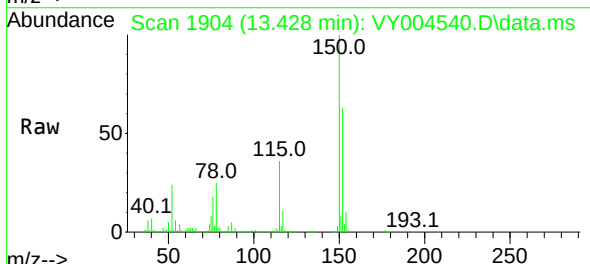
Instrument :
MSVOA_Y
ClientSampled :

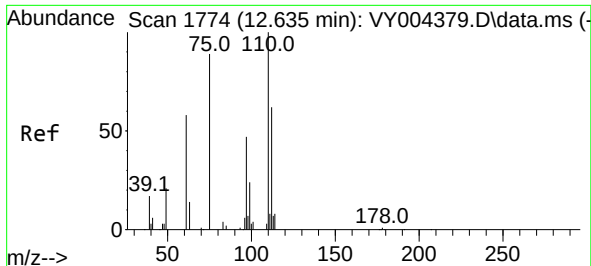
Tgt Ion:106 Resp: 3703
Ion Ratio Lower Upper
106 100
91 206.3 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion:152 Resp: 93221
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.8
150 158.0 0.0 348.4

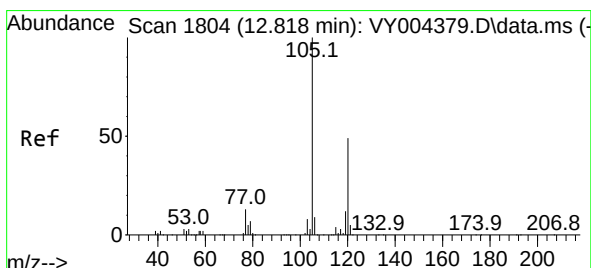
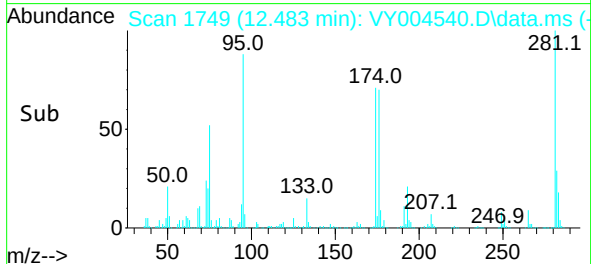
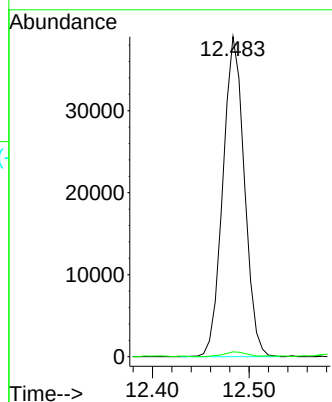
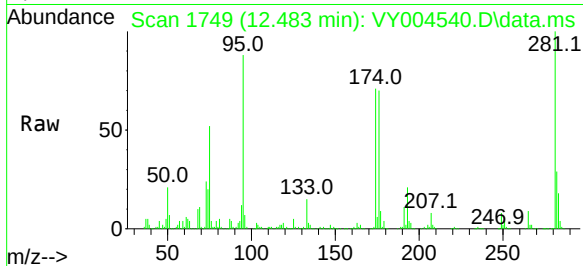




#76
1,2,3-Trichloropropane
Concen: 60.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

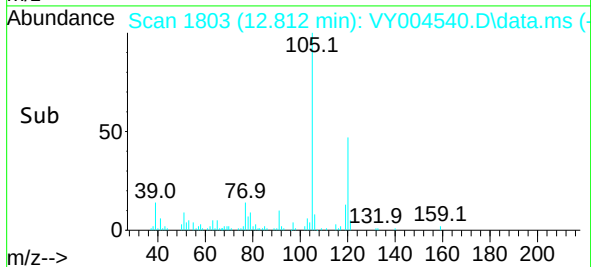
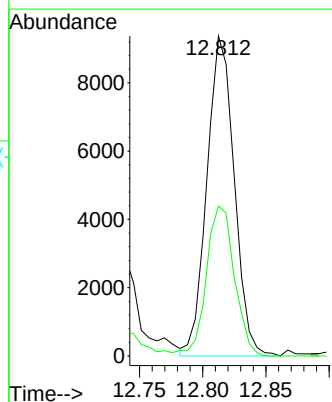
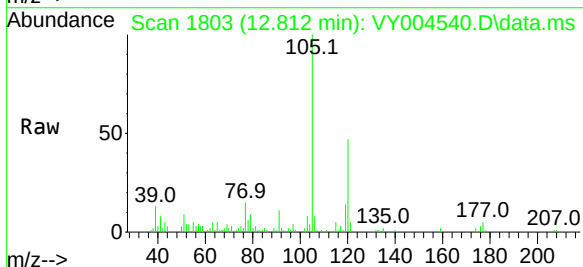
Instrument :
MSVOA_Y
ClientSampleId :

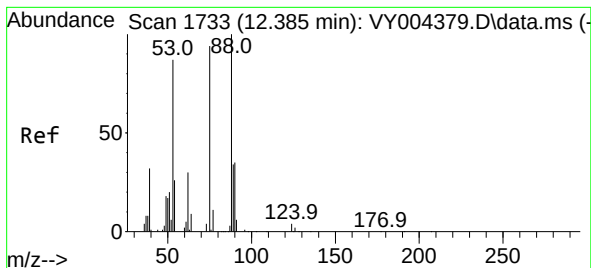
Tgt Ion: 75 Resp: 60280
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 2.41 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion: 105 Resp: 14100
Ion Ratio Lower Upper
105 100
120 48.0 24.6 74.0

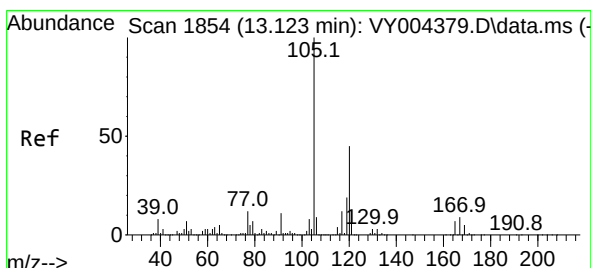
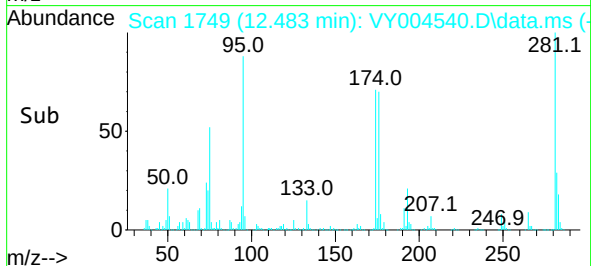
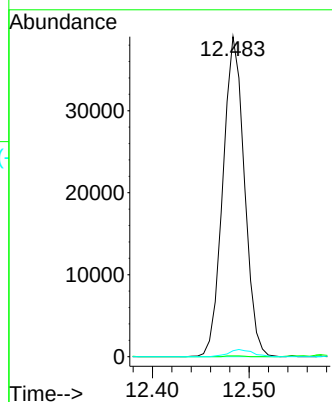
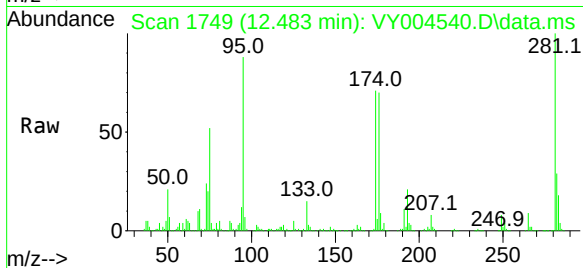




#81
trans-1,4-Dichloro-2-butene
Concen: 107.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

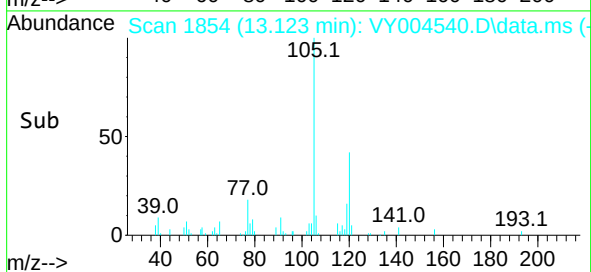
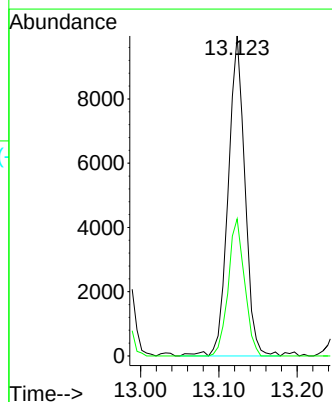
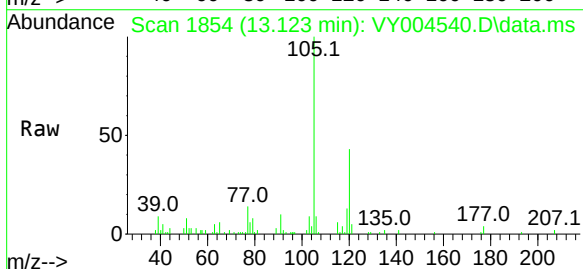
Instrument :
MSVOA_Y
ClientSampled :

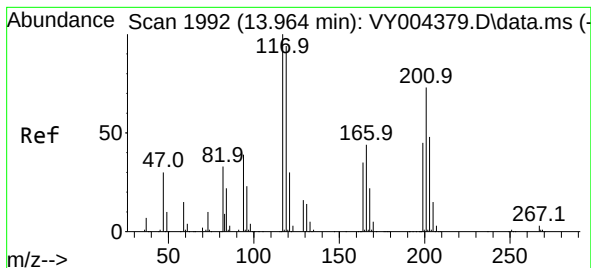
Tgt Ion: 75 Resp: 60280
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 2.5 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.50 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004540.D
Acq: 20 Apr 2021 19:37

Tgt Ion:105 Resp: 14796
Ion Ratio Lower Upper
105 100
120 41.6 22.4 67.3





#90
 Hexachloroethane
 Concen: 1.40 ug/l
 RT: 13.977 min Scan# 1994
 Delta R.T. 0.012 min
 Lab File: VY004540.D
 Acq: 20 Apr 2021 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 1191
 Ion Ratio Lower Upper
 117 100
 201 0.0 36.6 109.9#

