

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005033.D
 Acq On : 08 Jun 2021 19:18
 Operator : SY/MD
 Sample : M2637-04
 Misc : 6.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

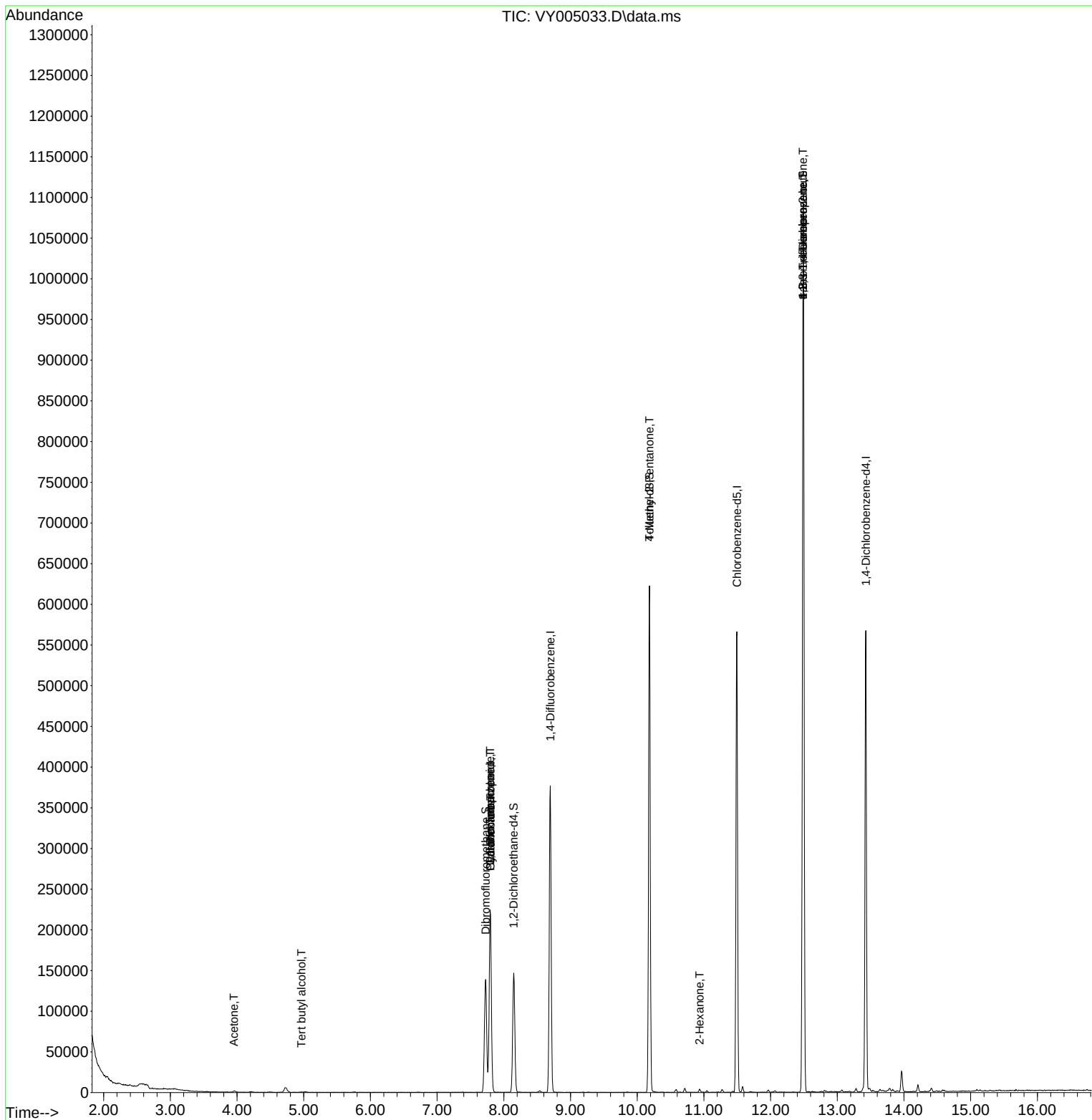
Quant Time: Jun 09 03:53:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

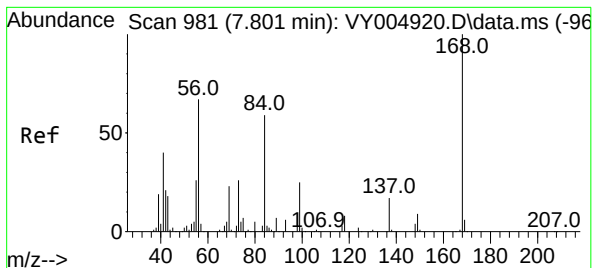
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	169557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	308974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	112953	63.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.020%	
35) Dibromofluoromethane	7.728	113	99924	58.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.380%	
50) Toluene-d8	10.185	98	398052	56.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.483	95	138003	56.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1019	4.943	ug/l #	74
16) Acetone	3.954	43	2542	5.891	ug/l	90
20) Methylene Chloride	4.728	84	4256	Below Cal	#	91
31) Cyclohexane	7.801	56	3890	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13785	4.451	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17248	6.399	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1927	1.005	ug/l #	1
59) 2-Hexanone	10.935	43	1581	1.220	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	78994	51.570	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78994	94.774	ug/l #	17

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

Quant Time: Jun 09 03:53:11 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

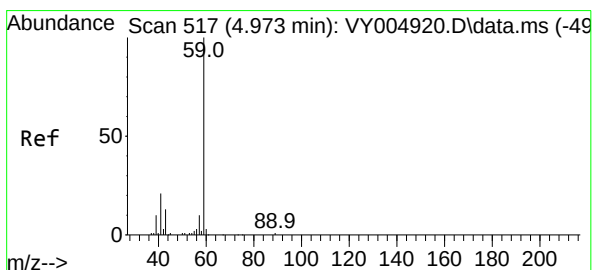
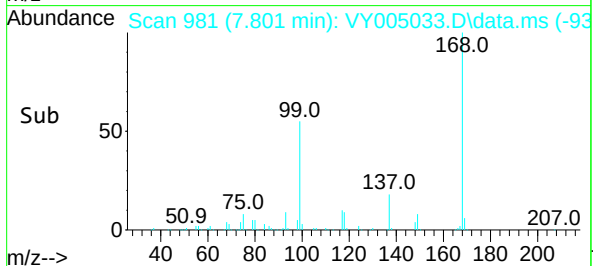
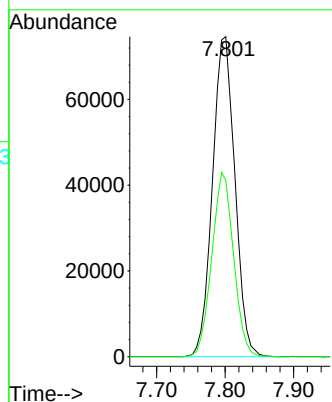
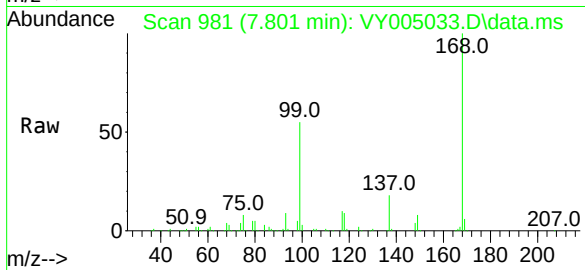
Lab File: VY005033.D

Acq: 08 Jun 2021 19:18

Tgt Ion:168 Resp: 169557

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	55.1	43.9	65.9



#11

Tert butyl alcohol

Concen: 4.943 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.007 min

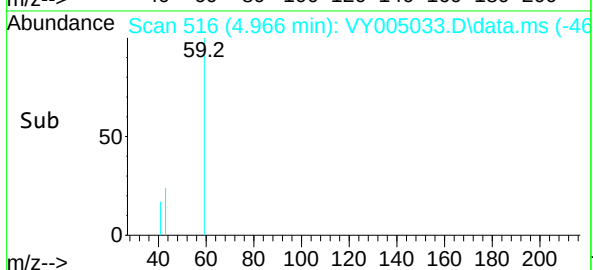
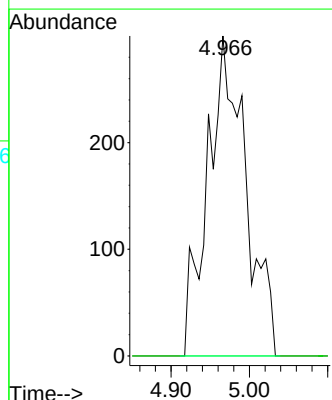
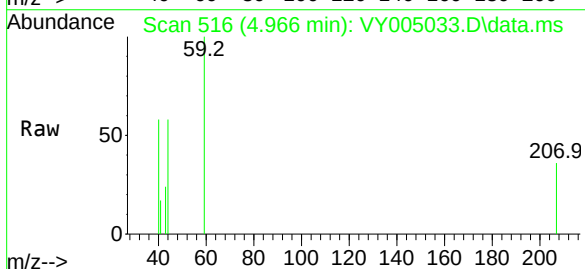
Lab File: VY005033.D

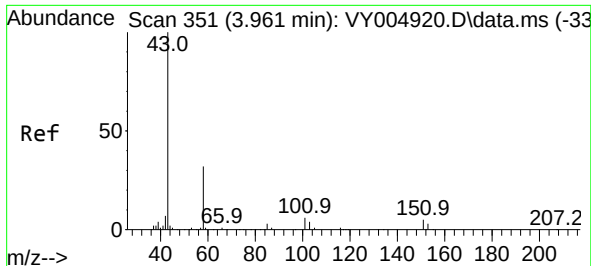
Acq: 08 Jun 2021 19:18

Tgt Ion: 59 Resp: 1019

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

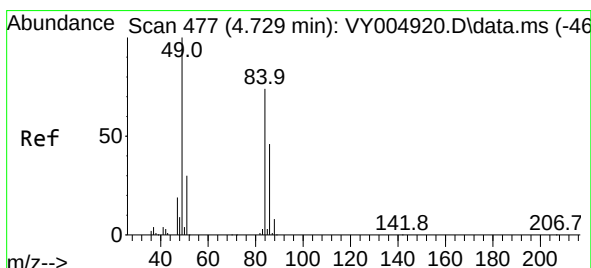
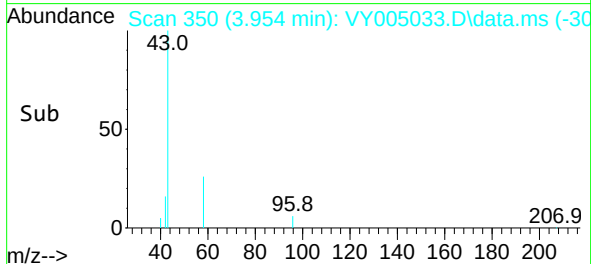
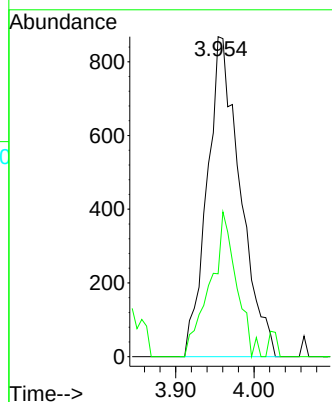
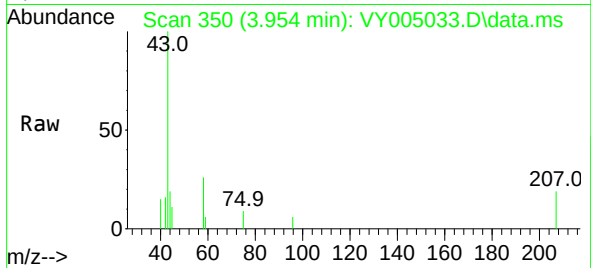




#16
Acetone
Concen: 5.891 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

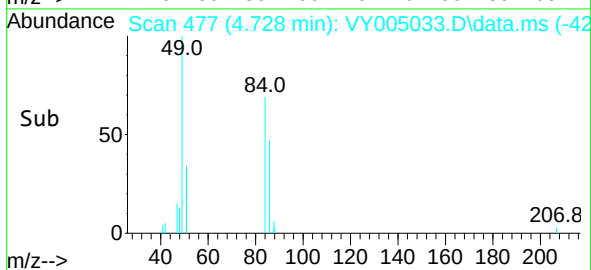
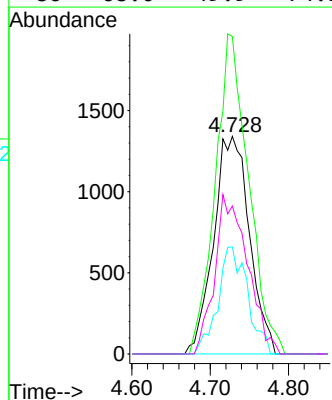
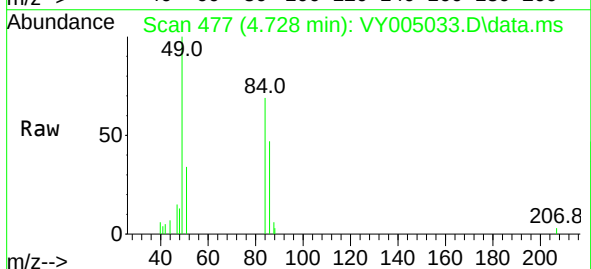
Instrument :
MSVOA_Y
ClientSampled :

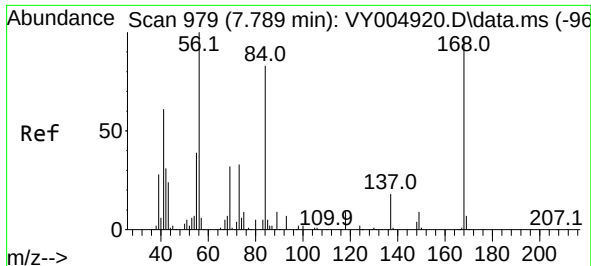
Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 25.9 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

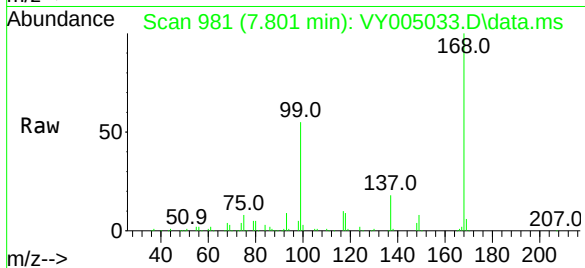
Tgt Ion: 84 Resp: 4256
Ion Ratio Lower Upper
84 100
49 145.9 108.0 162.0
51 49.2 32.6 48.8#
86 68.0 49.9 74.9



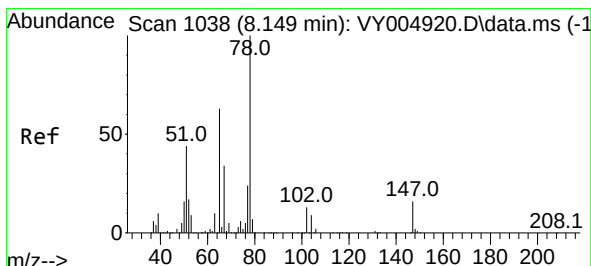
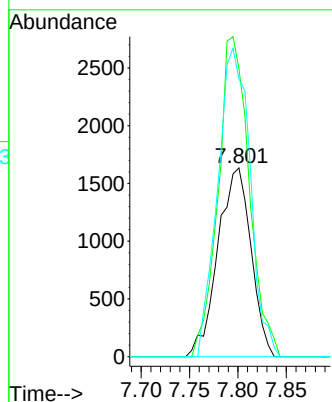
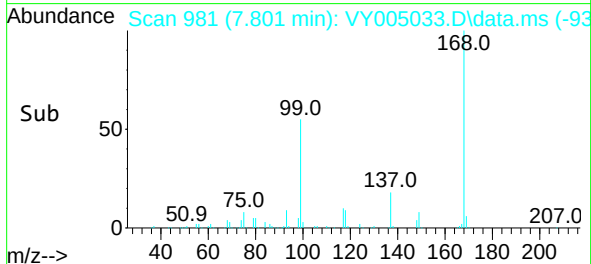


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

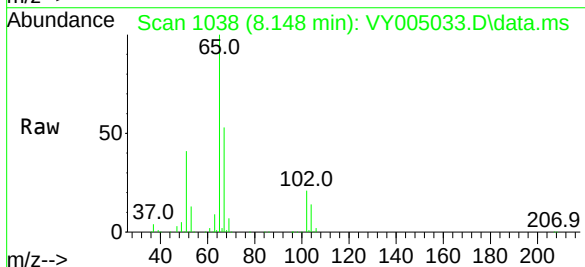
Instrument :
MSVOA_Y
ClientSampleId :



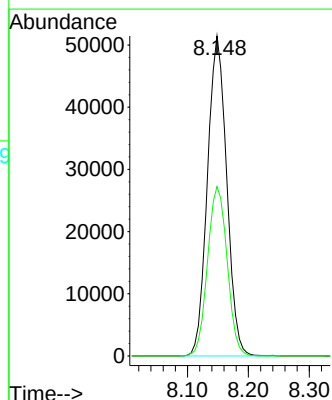
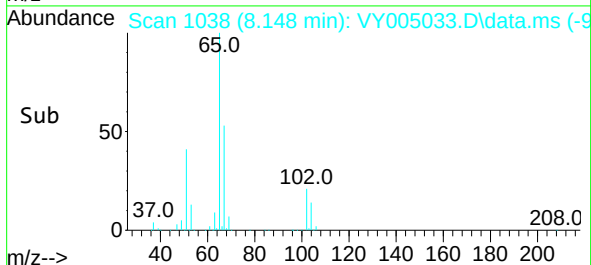
Tgt Ion: 56 Resp: 3890
Ion Ratio Lower Upper
56 100
69 152.5 25.3 37.9#
84 147.1 66.2 99.4#

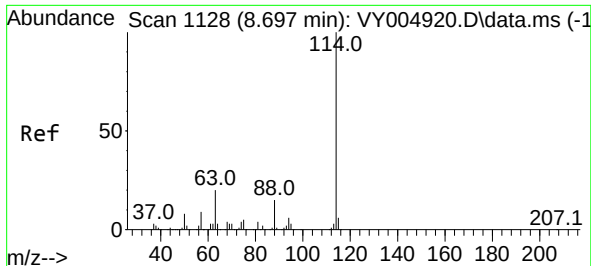


#33
1,2-Dichloroethane-d4
Concen: 63.014 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18



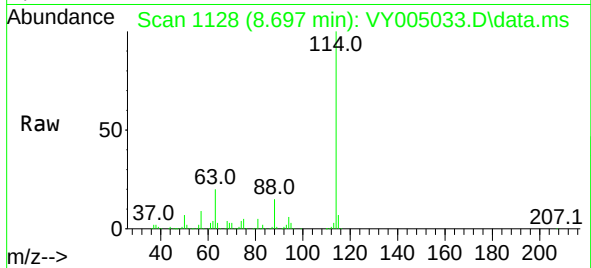
Tgt Ion: 65 Resp: 112953
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



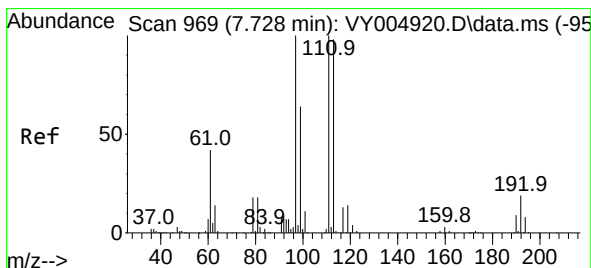
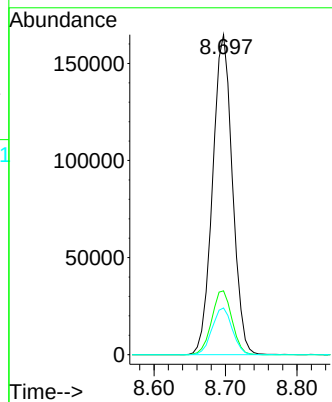
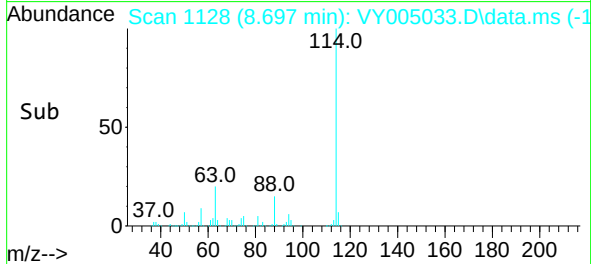


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

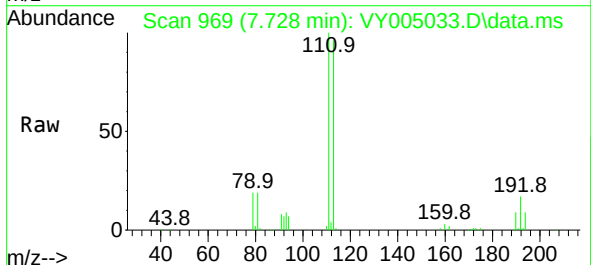
Instrument :
MSVOA_Y
ClientSampleId :



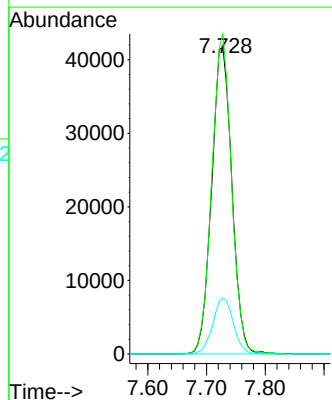
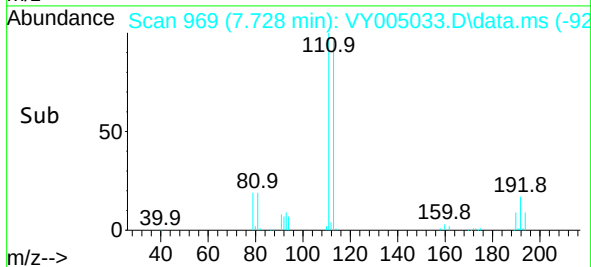
Tgt Ion:114 Resp: 316444
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 14.6 0.0 30.6

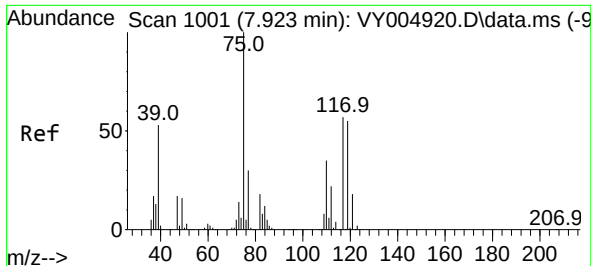


#35
Dibromofluoromethane
Concen: 58.692 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18



Tgt Ion:113 Resp: 99924
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 18.5 15.3 22.9

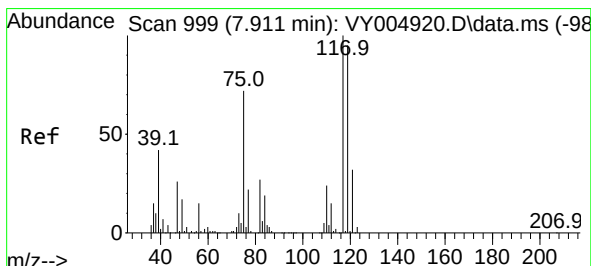
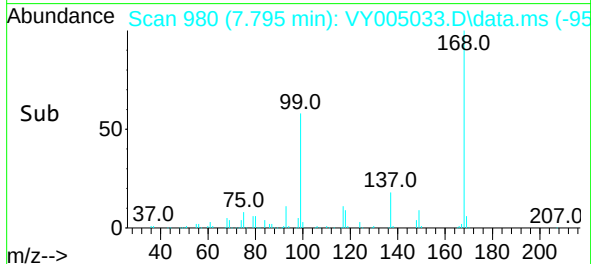
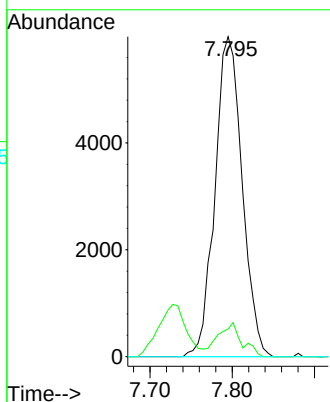
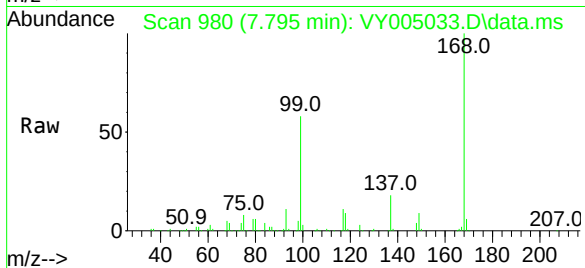




#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005033.D
 Acq: 08 Jun 2021 19:18

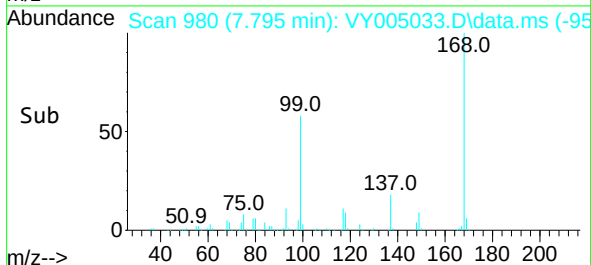
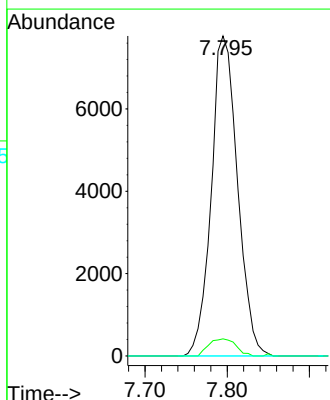
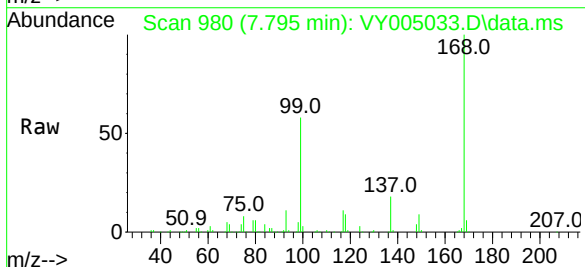
Instrument :
 MSVOA_Y
 ClientSampleId :

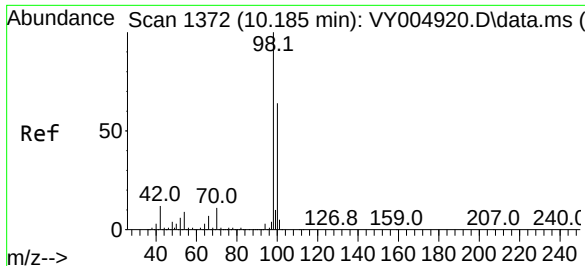
Tgt Ion: 75	Resp: 13785
Ion Ratio	Lower Upper
75 100	
110 9.4	17.5 52.5#
77 0.0	25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.399 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005033.D
 Acq: 08 Jun 2021 19:18

Tgt Ion: 117	Resp: 17248
Ion Ratio	Lower Upper
117 100	
119 5.4	76.1 114.1#
121 0.0	25.5 38.3#

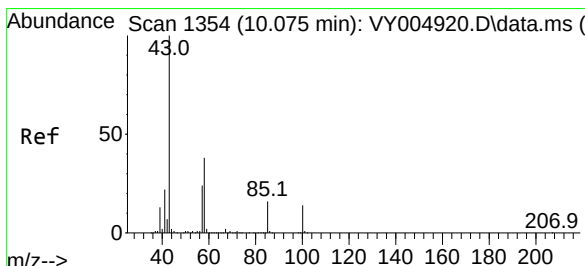
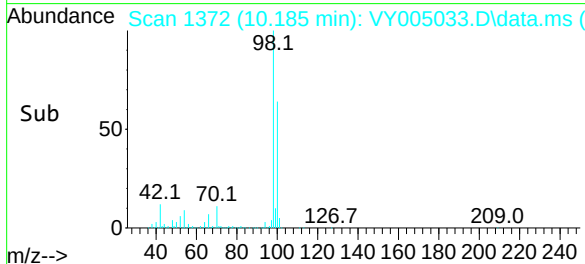
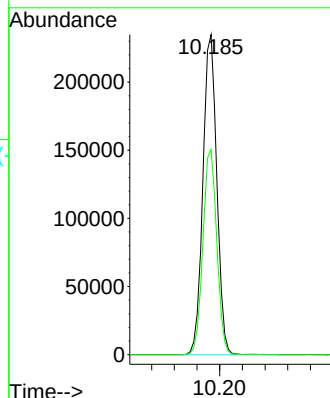
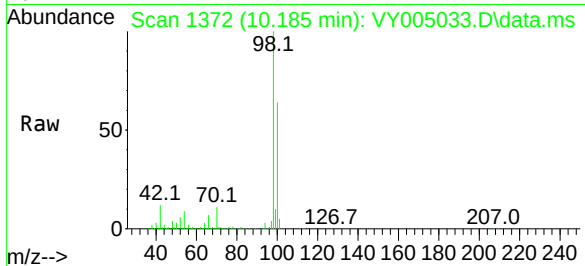




#50
Toluene-d8
Concen: 56.296 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

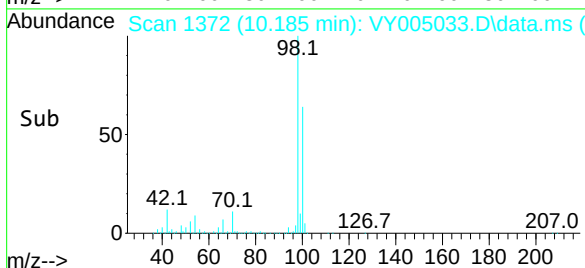
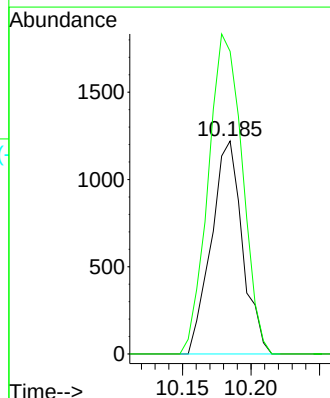
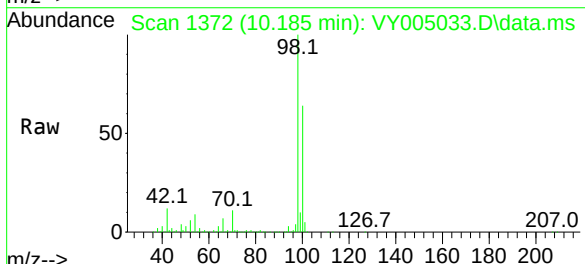
Instrument :
MSVOA_Y
ClientSampleId :

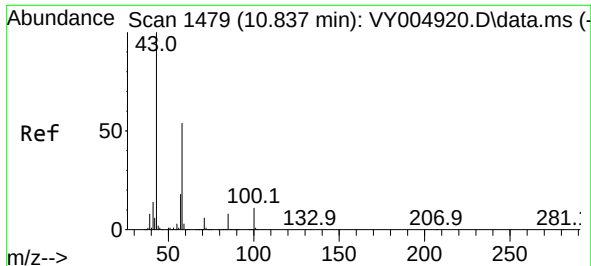
Tgt Ion: 98 Resp: 398052
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 164.8 30.6 46.0#

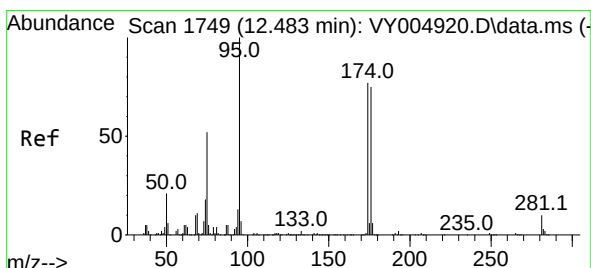
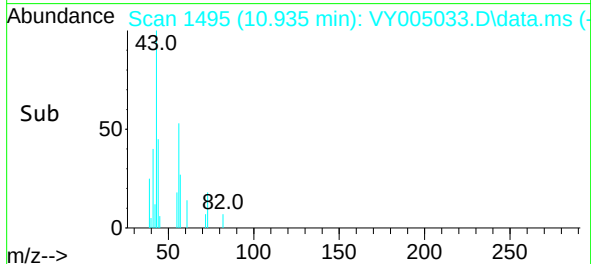
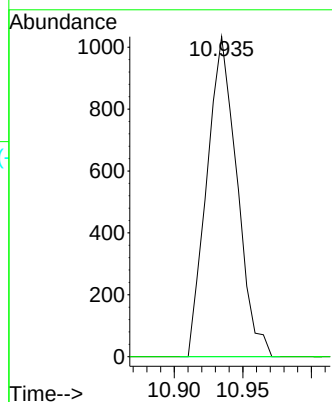
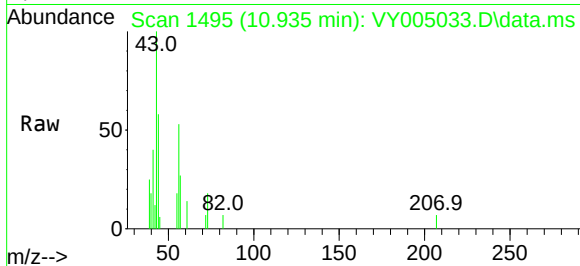




#59
2-Hexanone
Concen: 1.220 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

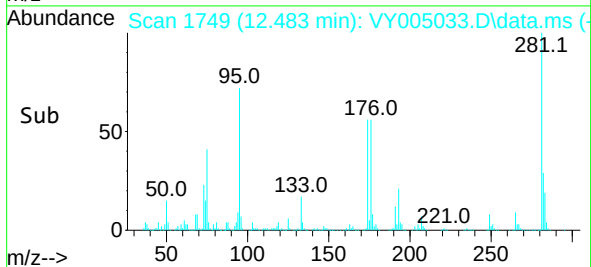
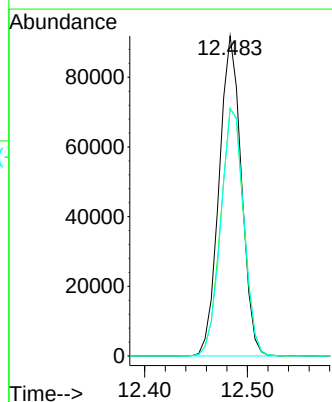
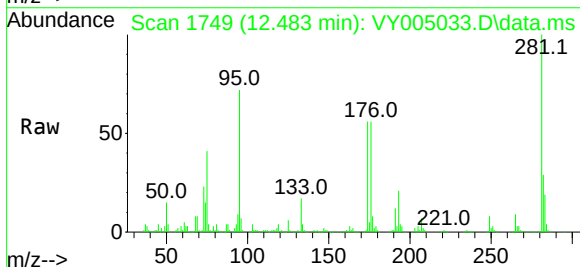
Instrument :
MSVOA_Y
ClientSampled :

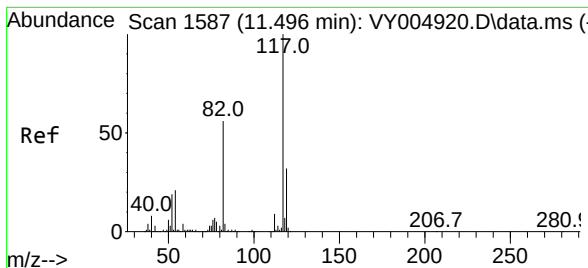
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 56.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

Tgt Ion: 95 Resp: 138003
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.8
176 80.1 0.0 155.6

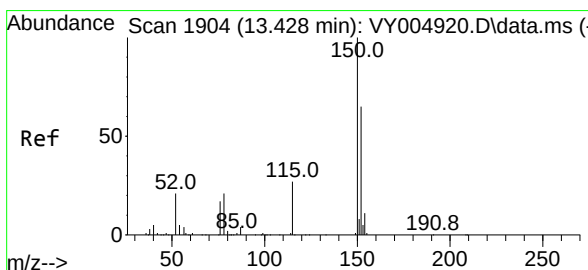
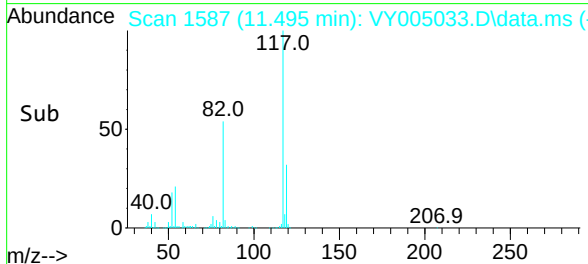
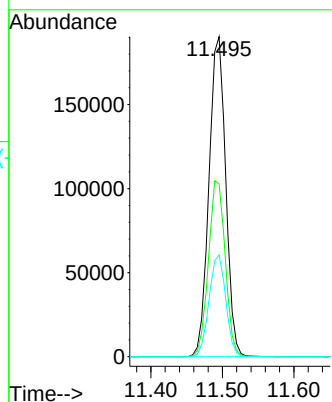
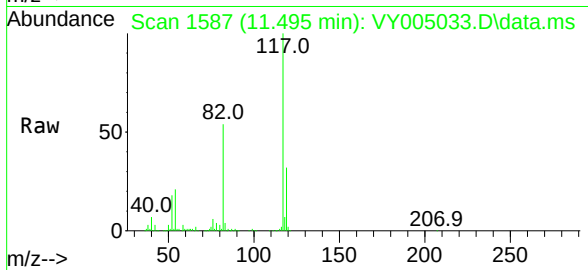




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

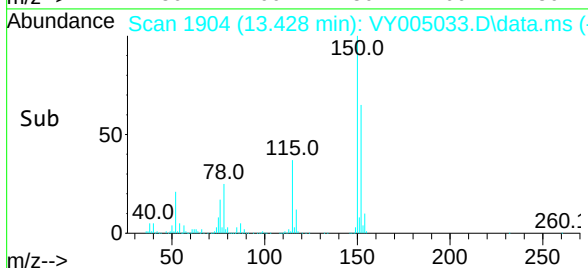
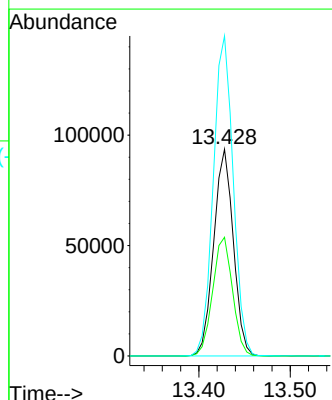
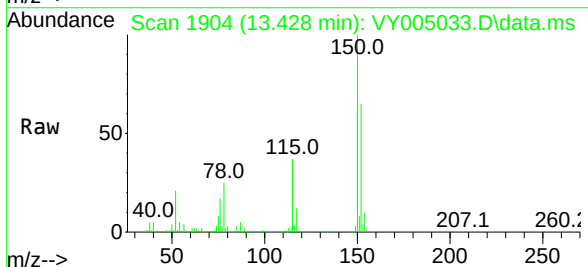
Instrument :
MSVOA_Y
ClientSampleId :

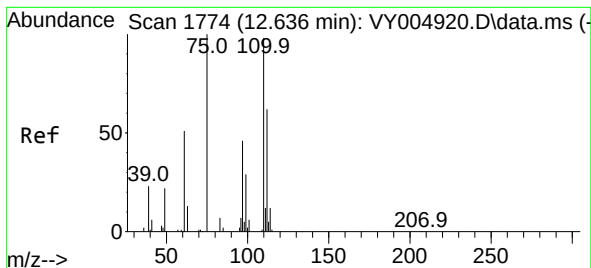
Tgt Ion:117 Resp: 308974
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

Tgt Ion:152 Resp: 139737
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.7
150 157.0 0.0 347.8

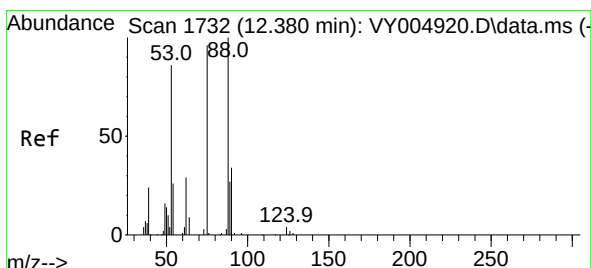
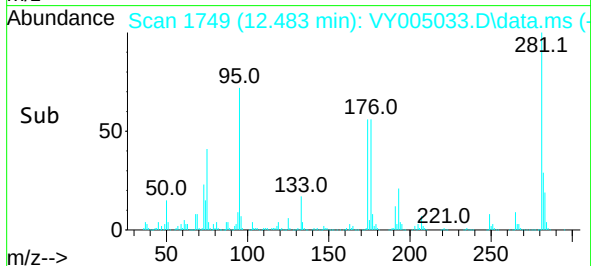
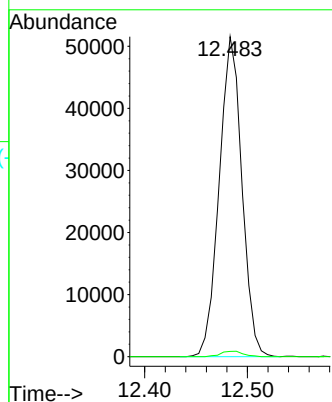
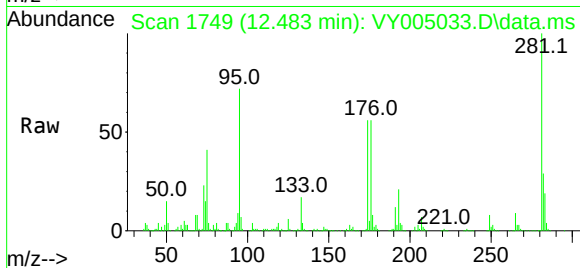




#76
1,2,3-Trichloropropane
Concen: 51.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 78994
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005033.D
Acq: 08 Jun 2021 19:18

Tgt Ion: 75 Resp: 78994
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 3.3 35.0 52.6#

