

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005031.D
 Acq On : 08 Jun 2021 18:32
 Operator : SY/MD
 Sample : M2637-02
 Misc : 10.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:52:37 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)

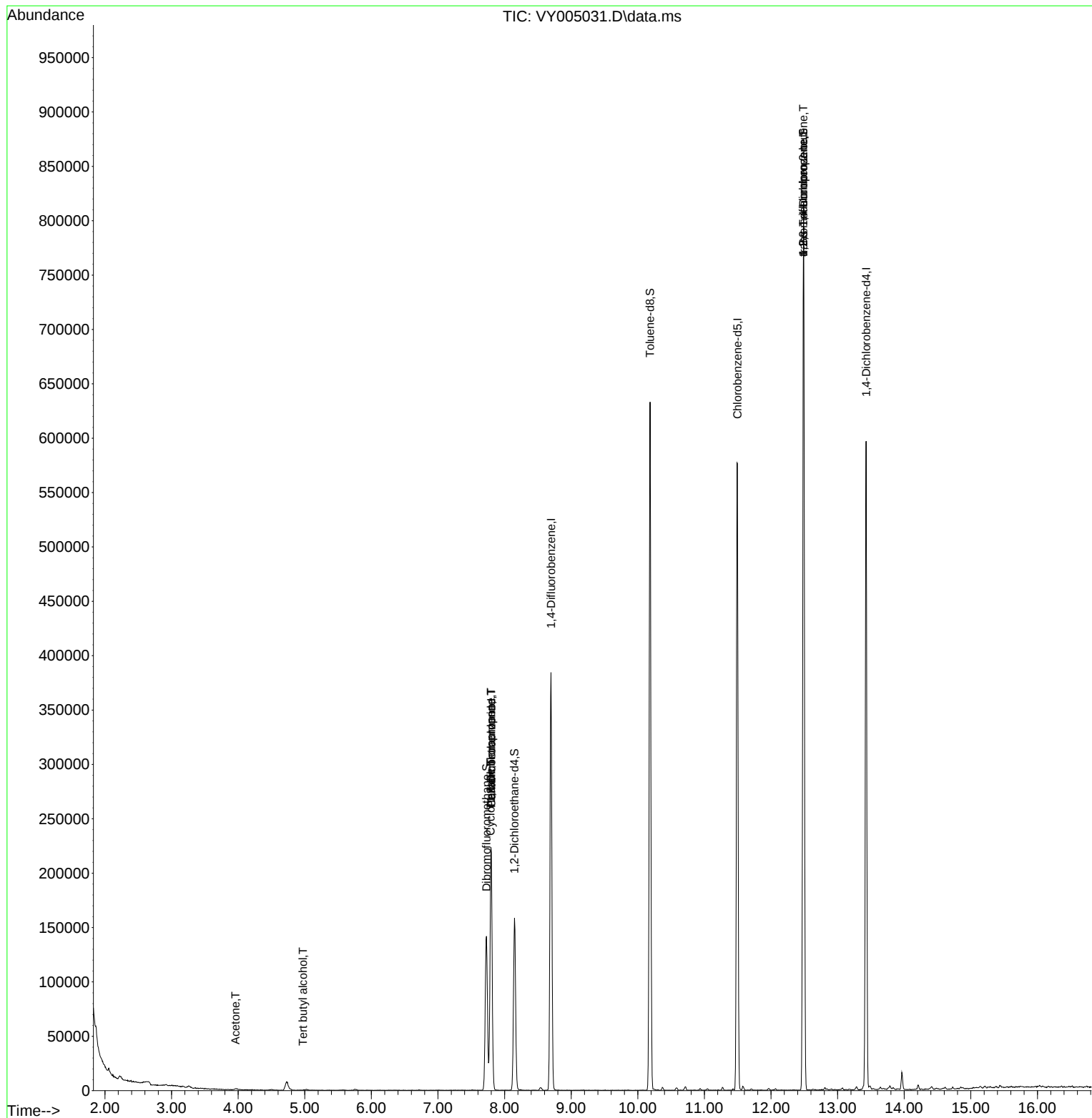
Internal Standards						
1) Pentafluorobenzene	7.801	168	168932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	317470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121140	67.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.660%	
35) Dibromofluoromethane	7.728	113	101371	58.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.185	98	402040	56.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.060%	
62) 4-Bromofluorobenzene	12.483	95	140546	56.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	324	1.578	ug/l #	74
16) Acetone	3.960	43	2193	5.101	ug/l	98
20) Methylene Chloride	4.722	84	5630	Below Cal	#	90
31) Cyclohexane	7.789	56	3738	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13371	4.254	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16811	6.146	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	77410	48.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77410	88.594	ug/l #	16

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

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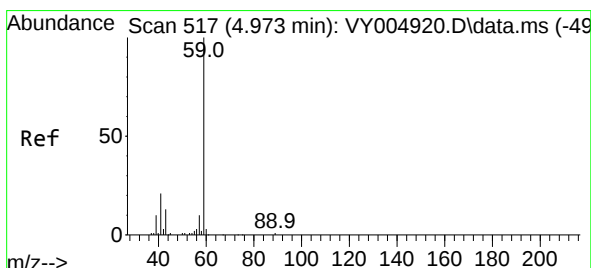
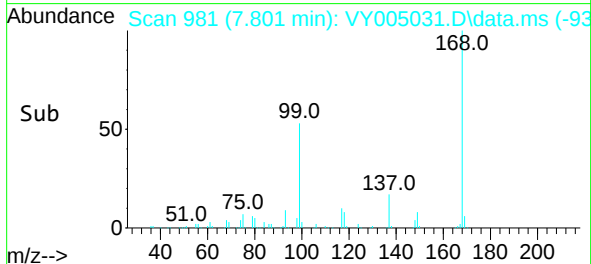
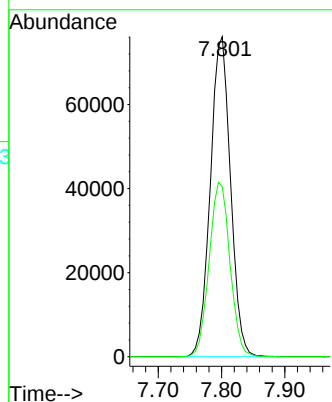
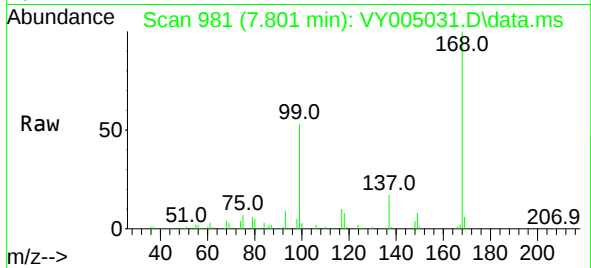




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

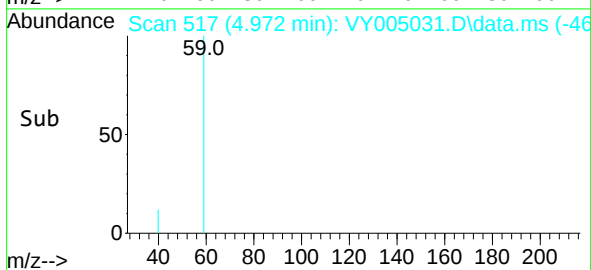
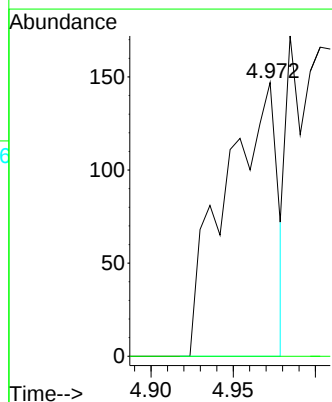
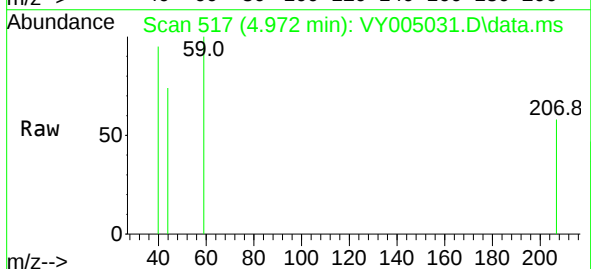
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 168932
Ion Ratio Lower Upper
168 100
99 53.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.578 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

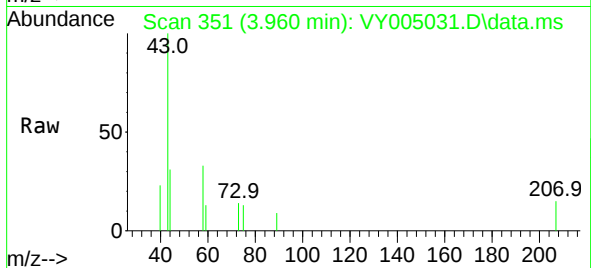
Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



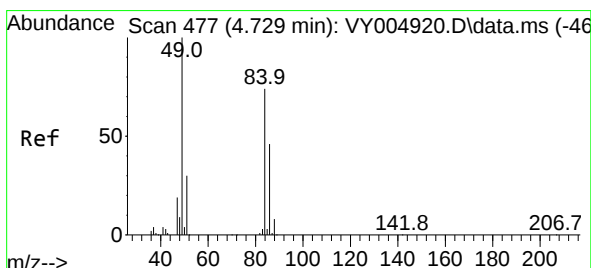
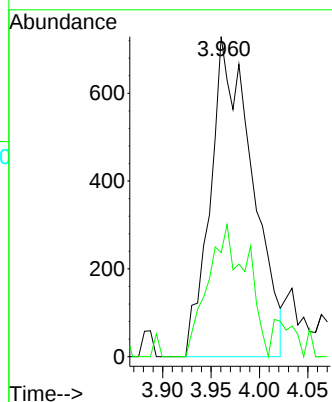
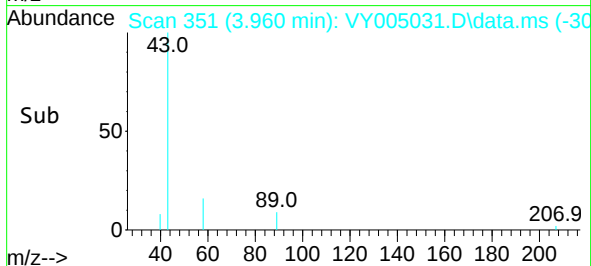


#16
Acetone
Concen: 5.101 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

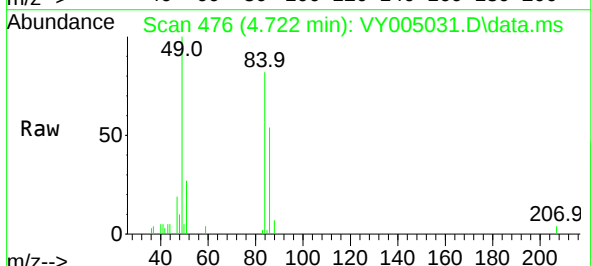
Instrument :
MSVOA_Y
ClientSampled :



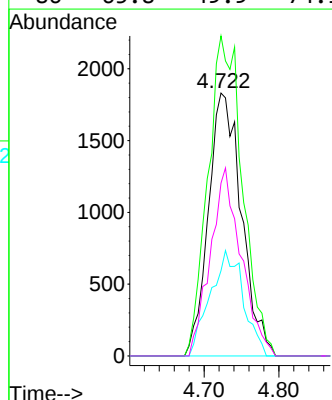
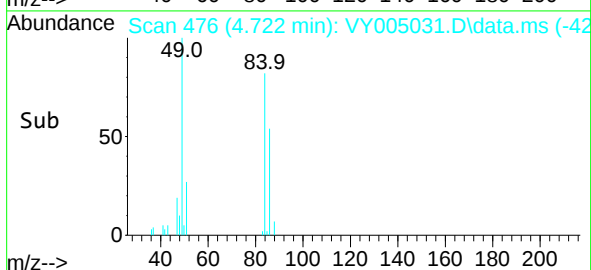
Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
58 32.5 25.3 37.9

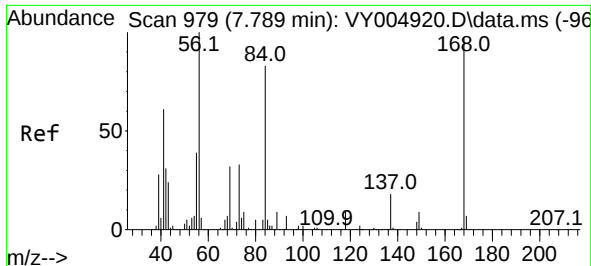


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32



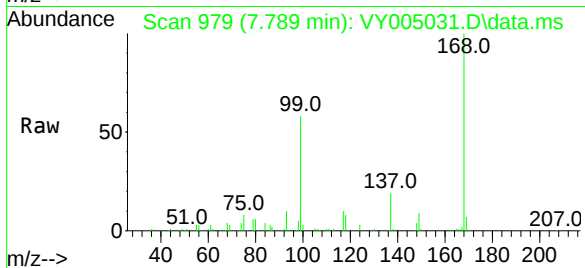
Tgt Ion: 84 Resp: 5630
Ion Ratio Lower Upper
84 100
49 121.7 108.0 162.0
51 32.4 32.6 48.8#
86 65.8 49.9 74.9



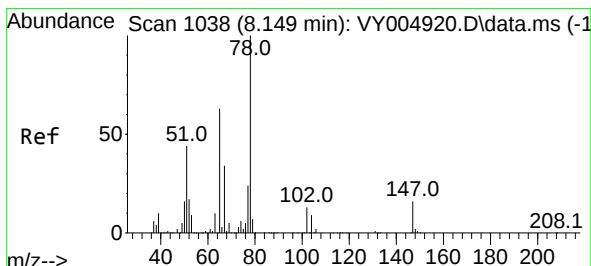
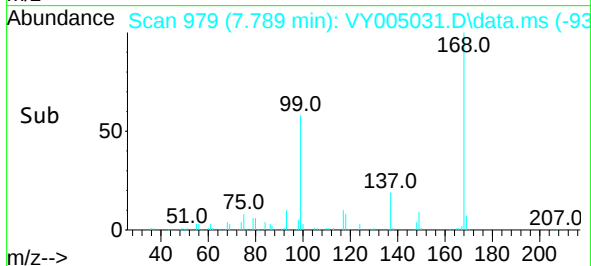
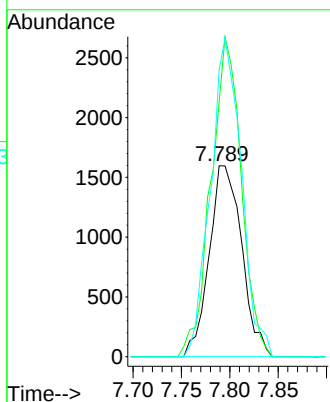


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :

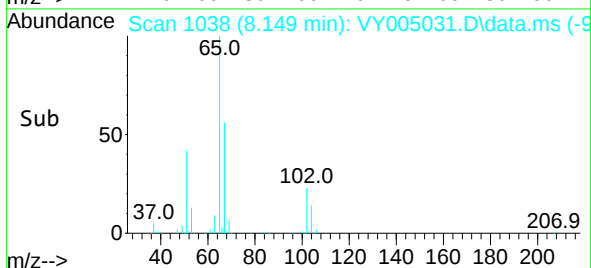
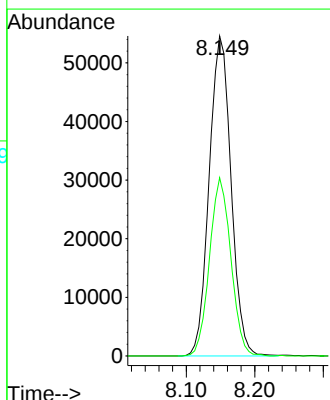
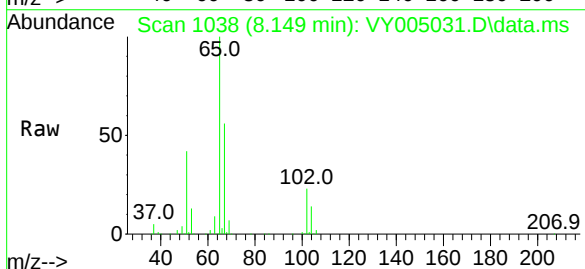


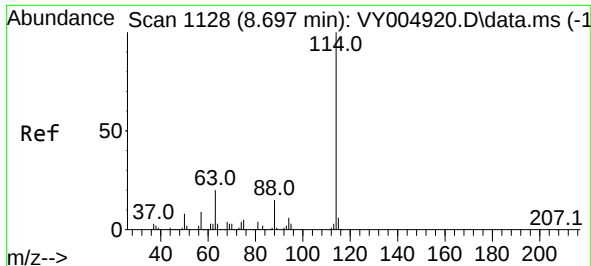
Tgt Ion: 56 Resp: 3738
Ion Ratio Lower Upper
56 100
69 133.6 25.3 37.9#
84 150.3 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 67.831 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Tgt Ion: 65 Resp: 121140
Ion Ratio Lower Upper
65 100
67 54.3 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: VY005031.D

Acq: 08 Jun 2021 18:32

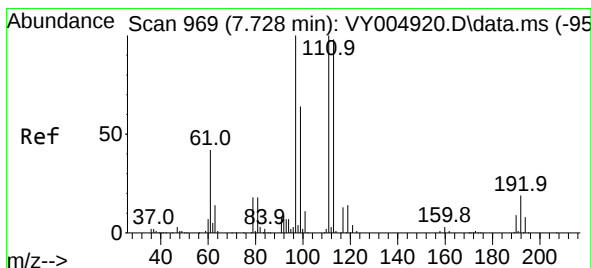
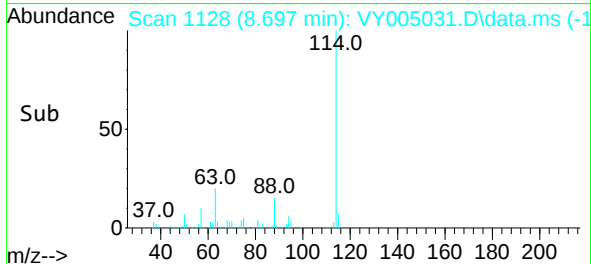
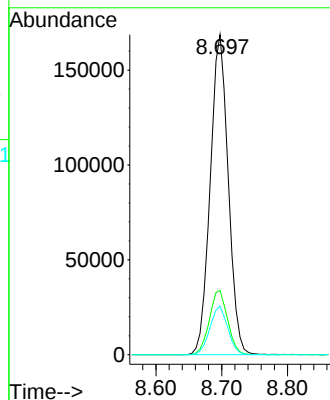
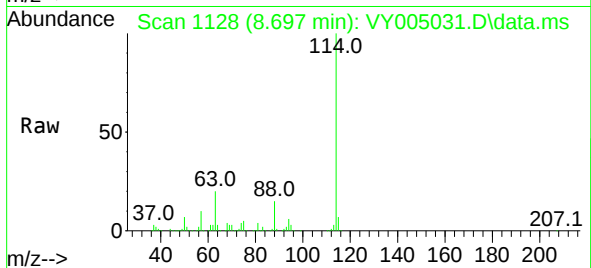
Tgt Ion:114 Resp: 321150

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.670 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005031.D

Acq: 08 Jun 2021 18:32

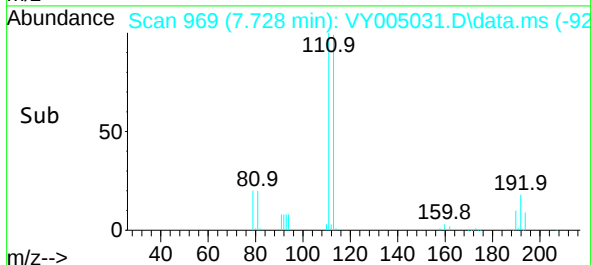
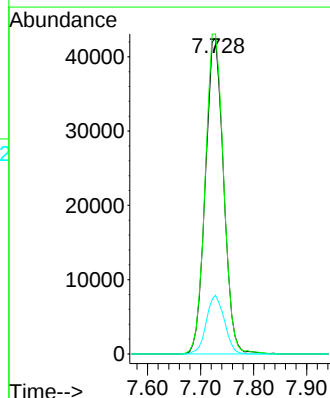
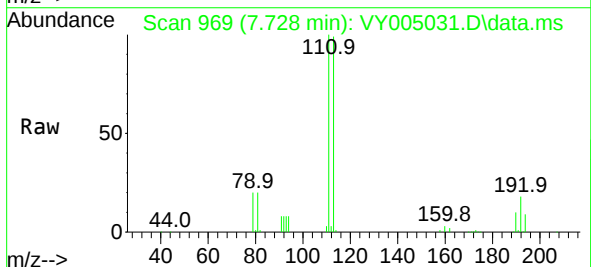
Tgt Ion:113 Resp: 101371

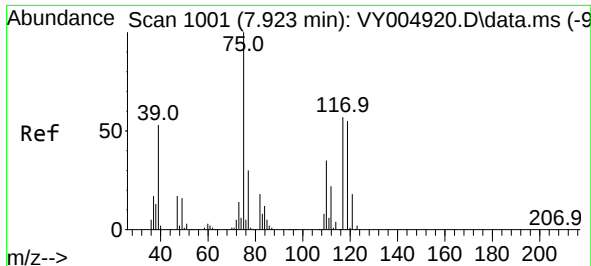
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

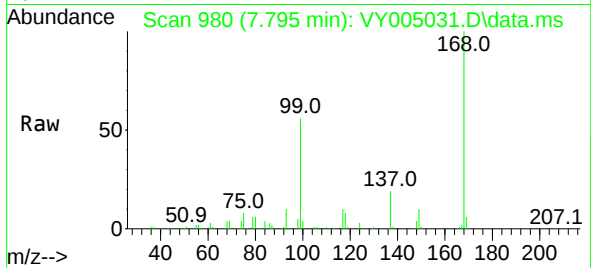
192 18.3 15.3 22.9



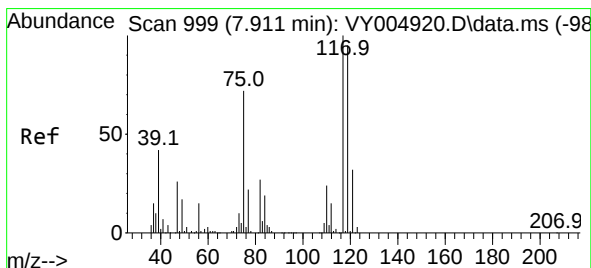
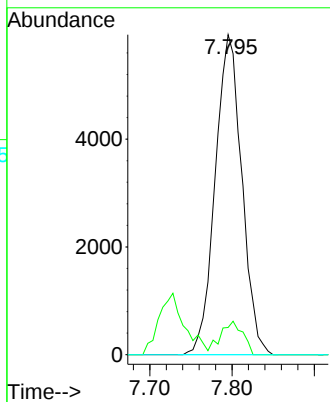
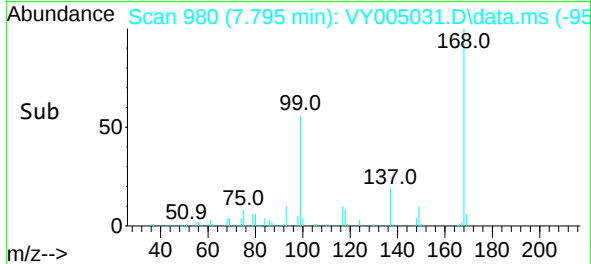


#36
 1,1-Dichloropropene
 Concen: 4.254 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005031.D
 Acq: 08 Jun 2021 18:32

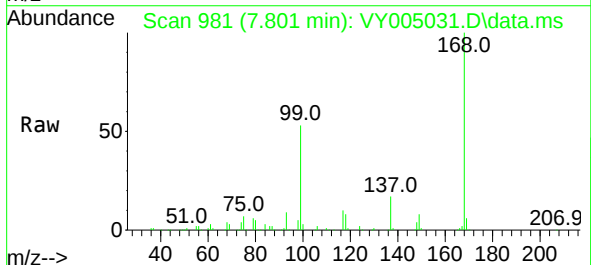
Instrument :
 MSVOA_Y
 ClientSampleId :



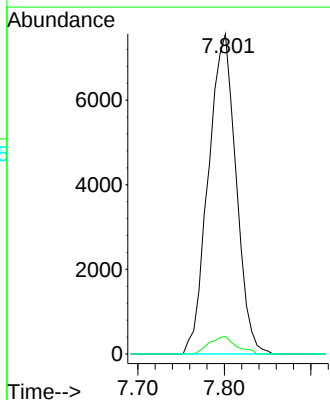
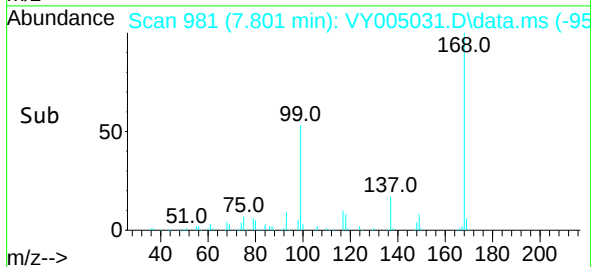
Tgt Ion: 75	Resp: 13371
Ion Ratio	Lower Upper
75 100	
110 8.8	17.5 52.5#
77 0.0	25.1 37.7#

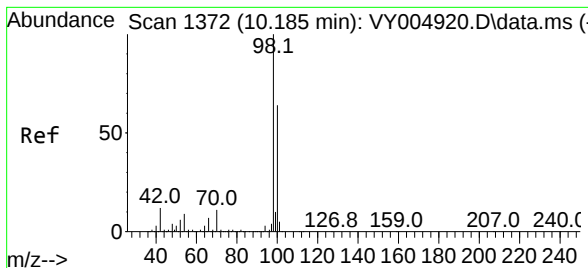


#38
 Carbon Tetrachloride
 Concen: 6.146 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005031.D
 Acq: 08 Jun 2021 18:32



Tgt Ion: 117	Resp: 16811
Ion Ratio	Lower Upper
117 100	
119 5.5	76.1 114.1#
121 0.0	25.5 38.3#

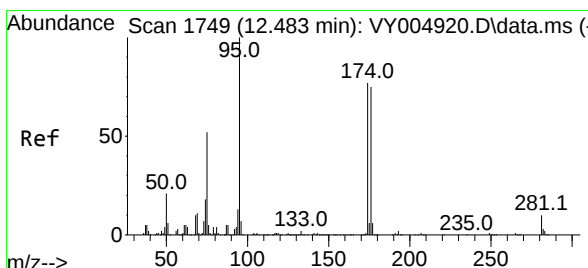
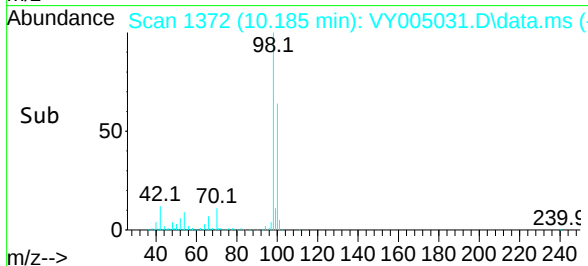
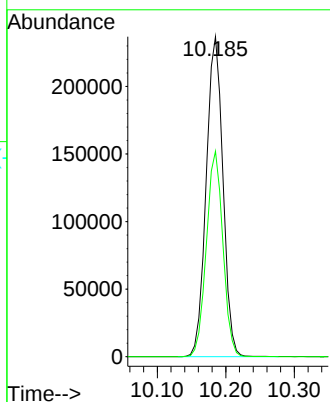
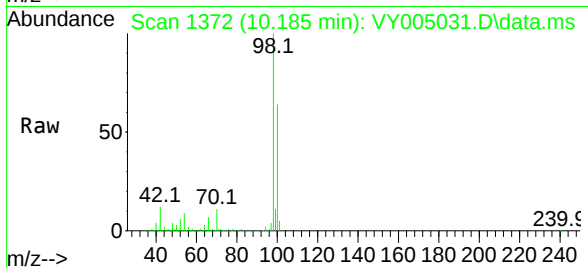




#50
Toluene-d8
Concen: 56.026 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

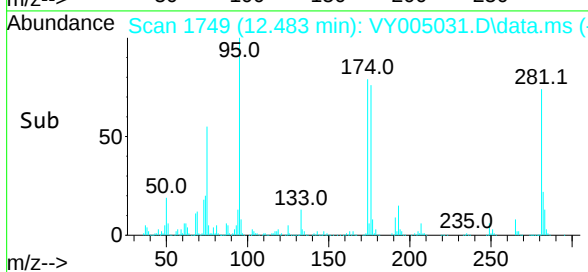
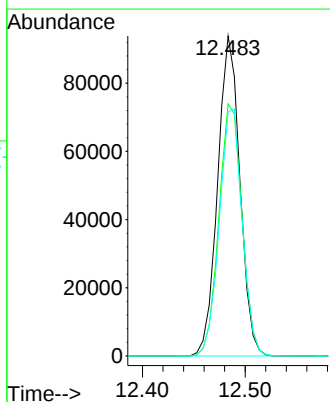
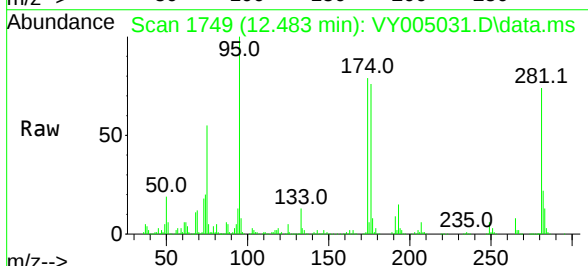
Instrument :
MSVOA_Y
ClientSampleId :

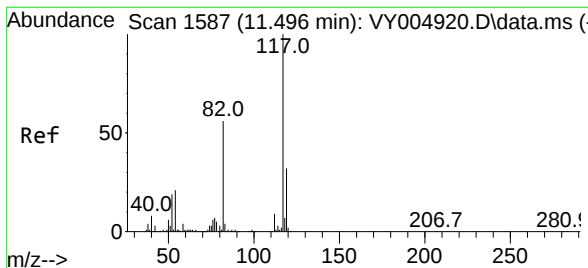
Tgt Ion: 98 Resp: 402040
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Tgt Ion: 95 Resp: 140546
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.8
176 79.8 0.0 155.6

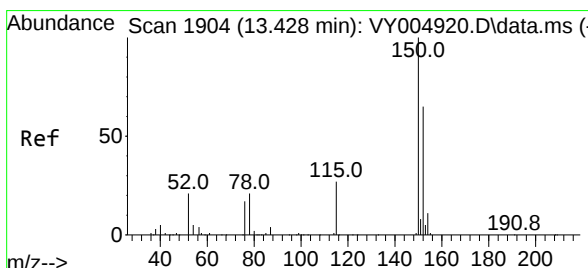
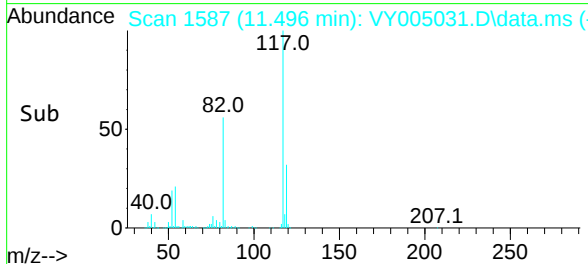
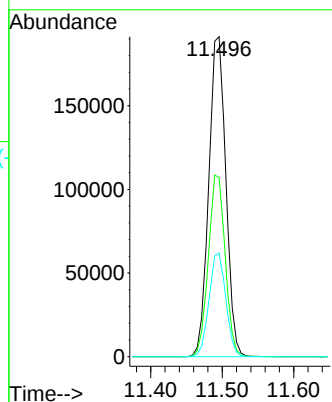
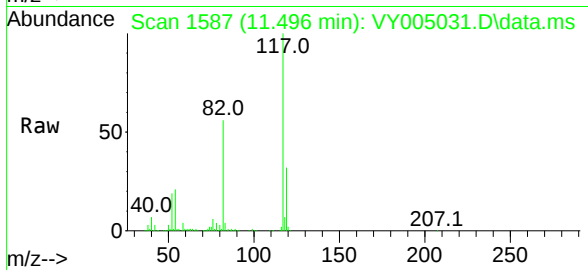




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

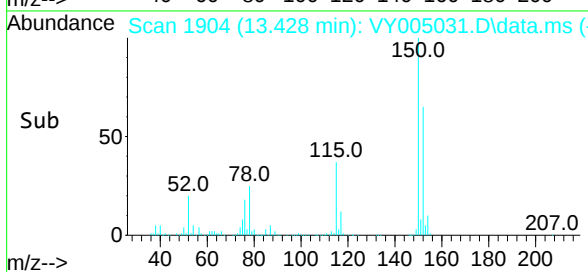
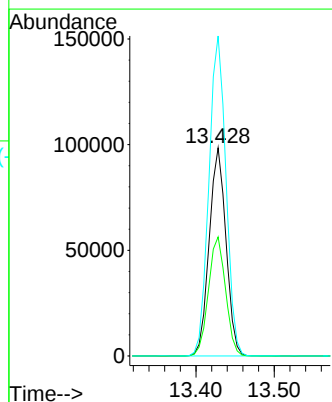
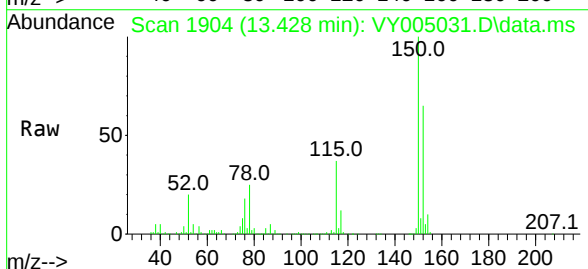
Instrument :
MSVOA_Y
ClientSampleId :

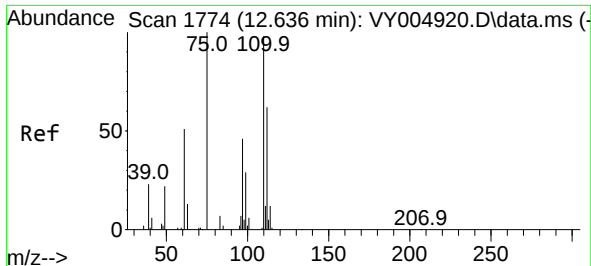
Tgt Ion:117 Resp: 317470
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Tgt Ion:152 Resp: 146487
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.7
150 155.9 0.0 347.8

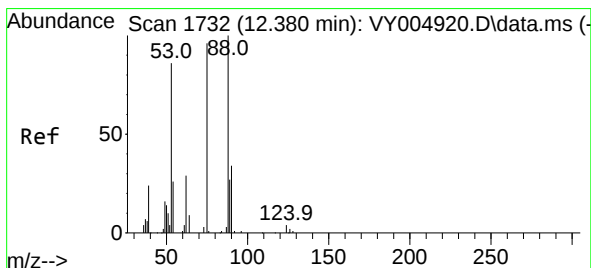
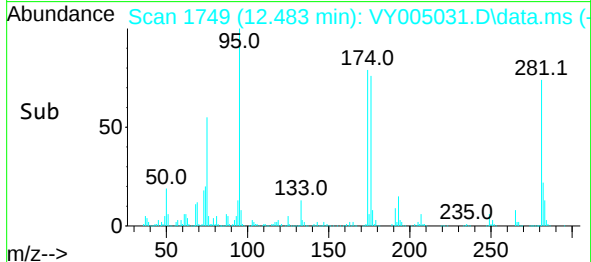
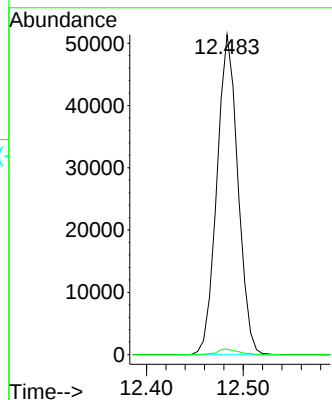
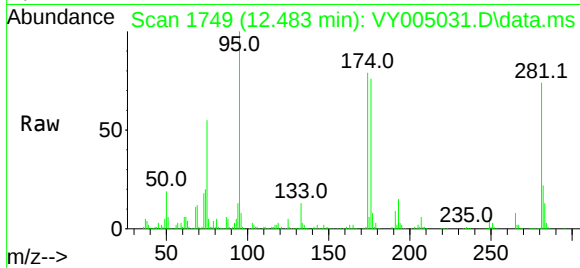




#76
1,2,3-Trichloropropane
Concen: 48.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77410
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.594 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005031.D
Acq: 08 Jun 2021 18:32

Tgt Ion: 75 Resp: 77410
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.1 35.0 52.6#

