

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005034.D
 Acq On : 08 Jun 2021 19:41
 Operator : SY/MD
 Sample : M2637-05
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:53:28 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)

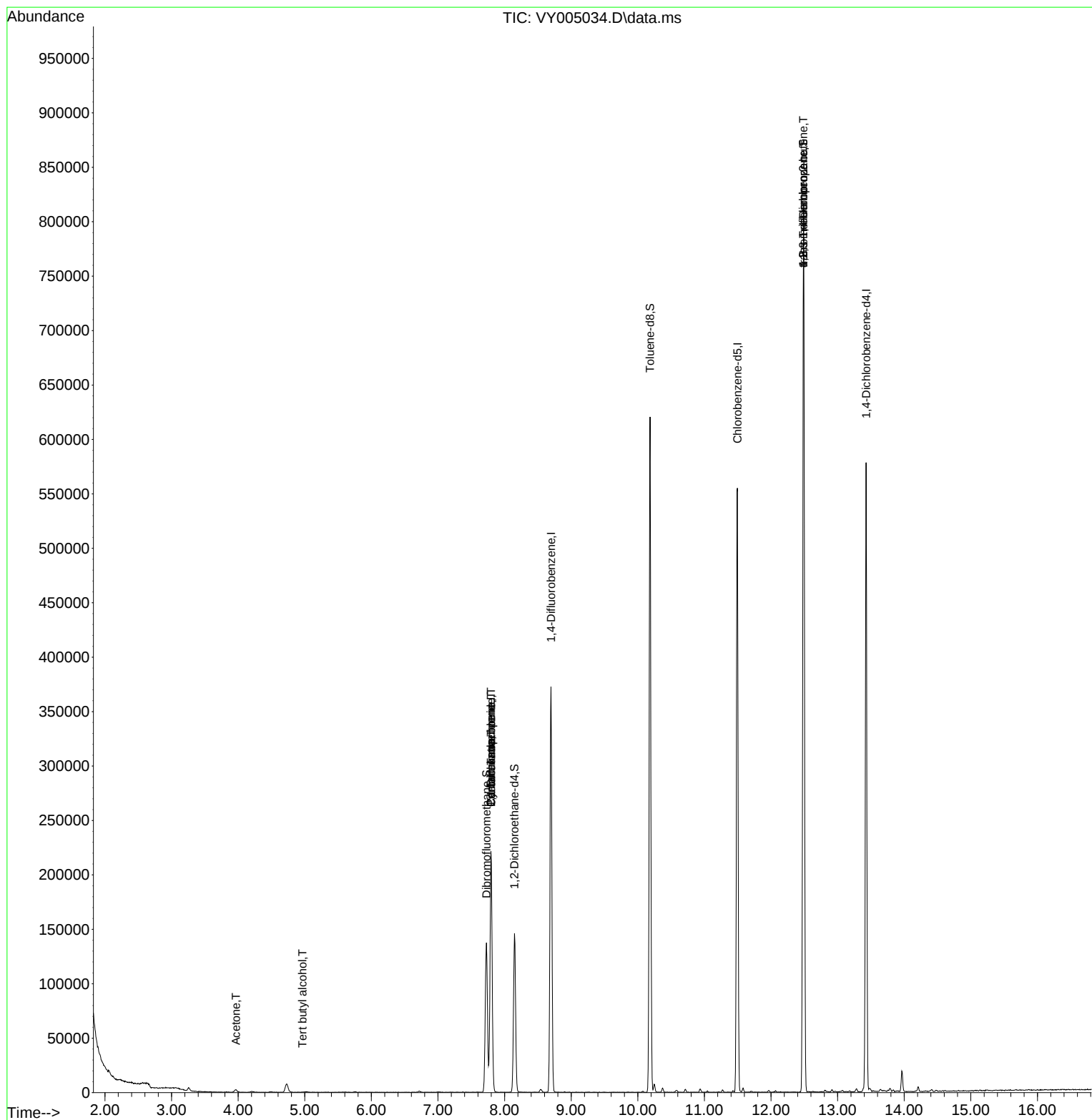
Internal Standards						
1) Pentafluorobenzene	7.795	168	164075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	301994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	110003	63.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.840%	
35) Dibromofluoromethane	7.728	113	97781	59.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.300%	
50) Toluene-d8	10.185	98	389330	56.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.400%	
62) 4-Bromofluorobenzene	12.483	95	132799	56.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	395	1.980	ug/l #	74
16) Acetone	3.966	43	4251	10.181	ug/l	92
20) Methylene Chloride	4.728	84	5553	Below Cal		97
31) Cyclohexane	7.795	56	3750	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13042	4.337	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17184	6.566	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	75482	50.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75482	92.672	ug/l #	16

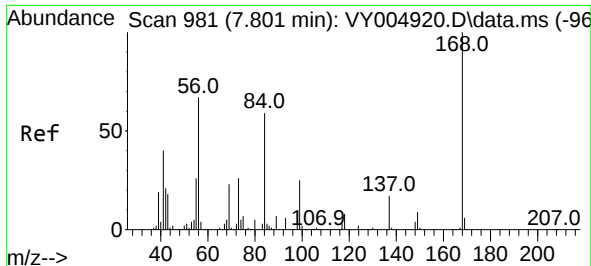
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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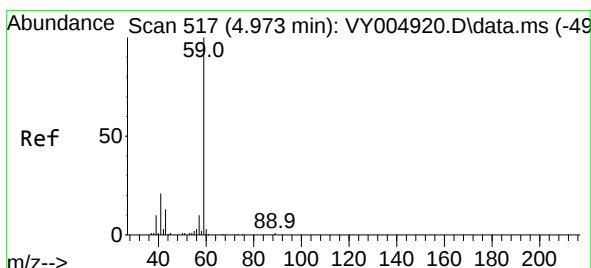
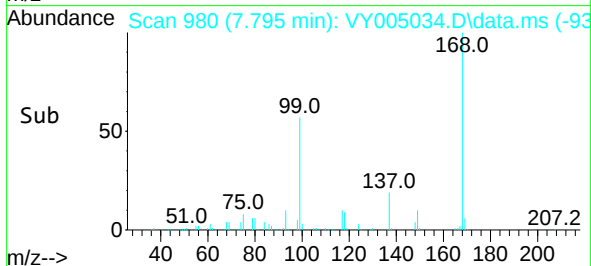
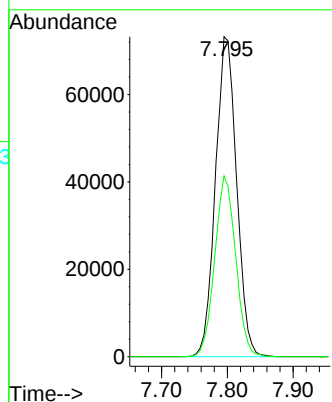
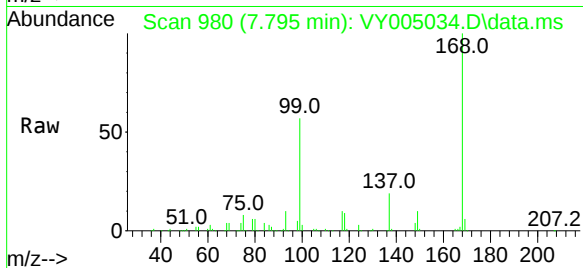




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

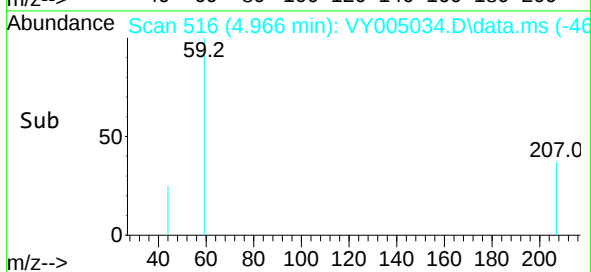
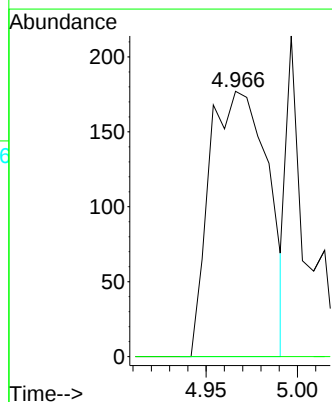
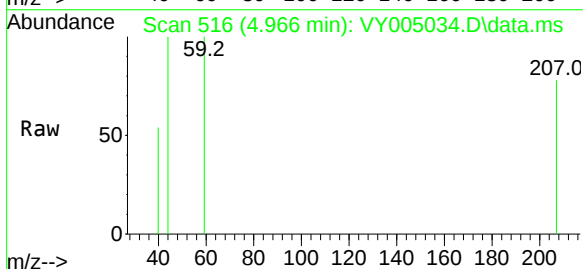
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 164075
Ion Ratio Lower Upper
168 100
99 56.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.980 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

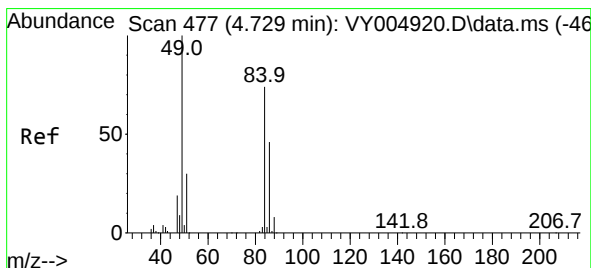
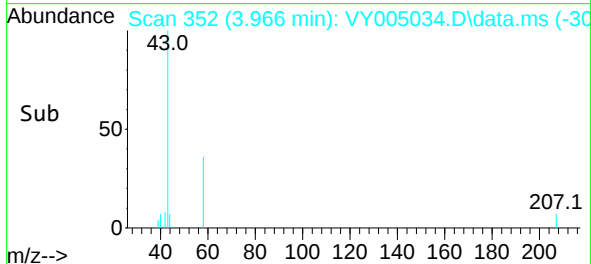
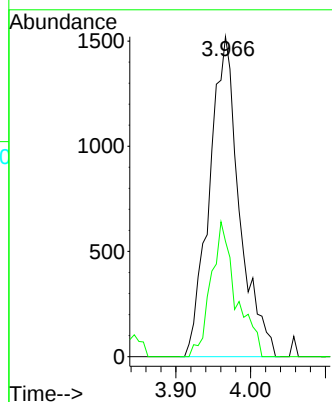
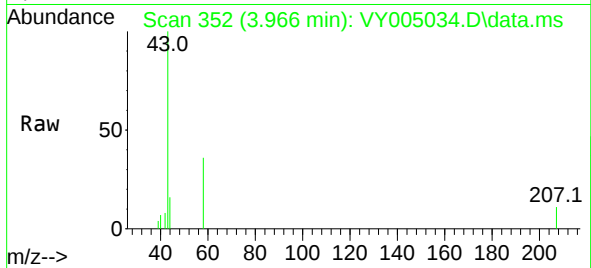




#16
Acetone
Concen: 10.181 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

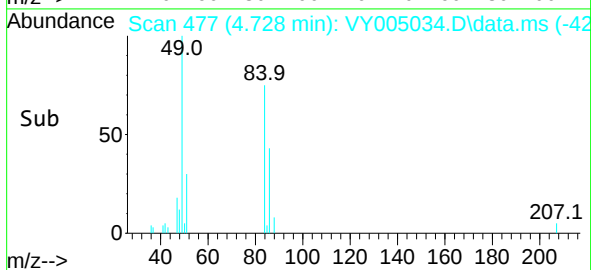
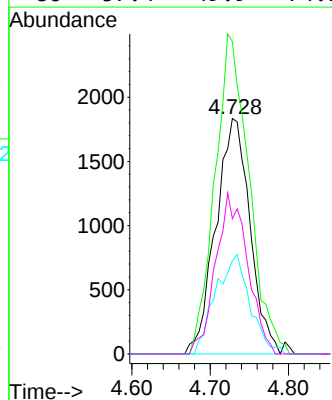
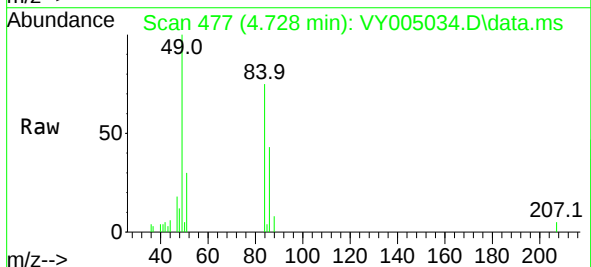
Instrument :
MSVOA_Y
ClientSampleId :

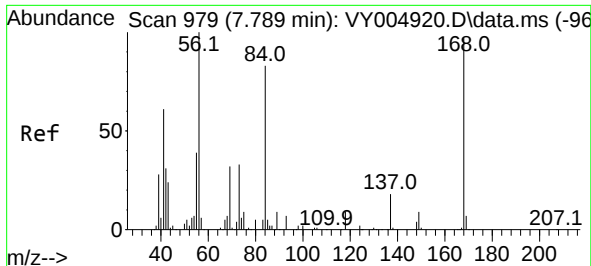
Tgt Ion: 43 Resp: 4251
Ion Ratio Lower Upper
43 100
58 36.0 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

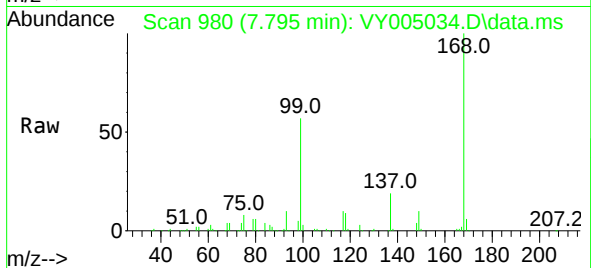
Tgt Ion: 84 Resp: 5553
Ion Ratio Lower Upper
84 100
49 132.8 108.0 162.0
51 39.6 32.6 48.8
86 57.4 49.9 74.9



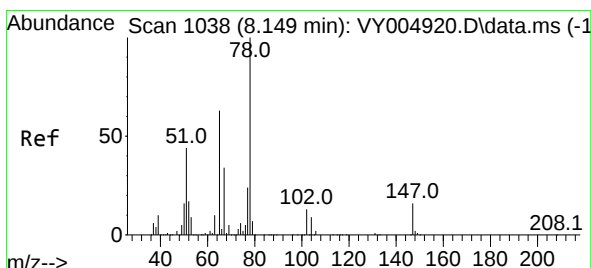
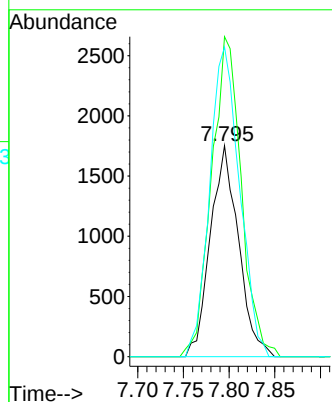
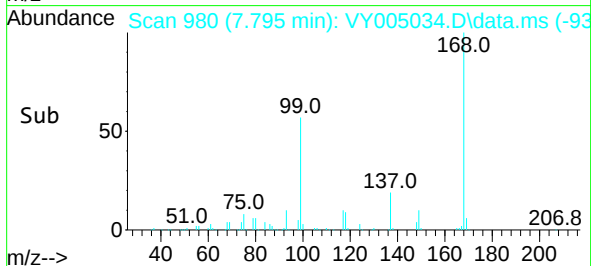


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

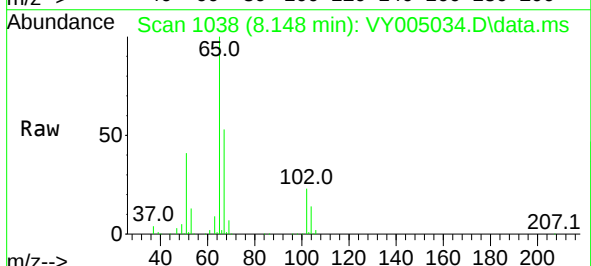
Instrument :
MSVOA_Y
ClientSampled :



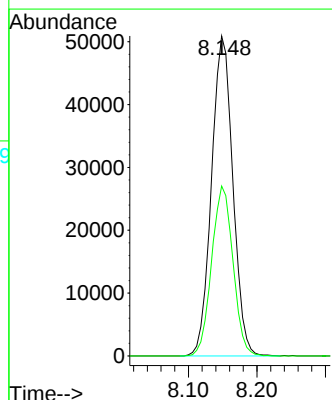
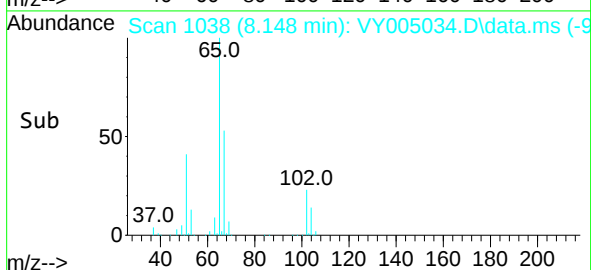
Tgt Ion: 56 Resp: 3750
Ion Ratio Lower Upper
56 100
69 151.6 25.3 37.9#
84 146.7 66.2 99.4#

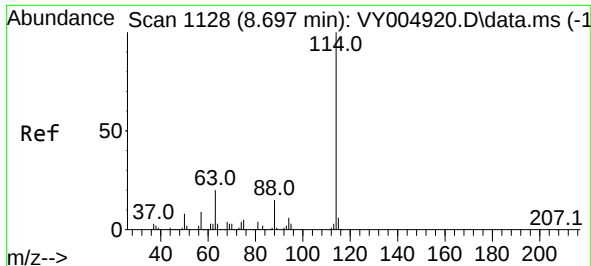


#33
1,2-Dichloroethane-d4
Concen: 63.418 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41



Tgt Ion: 65 Resp: 110003
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6

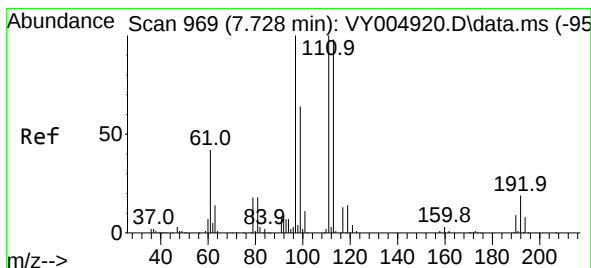
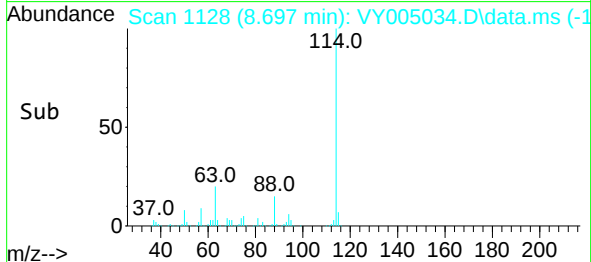
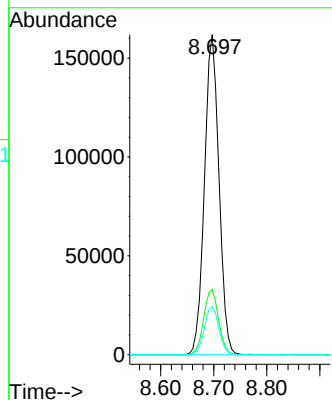
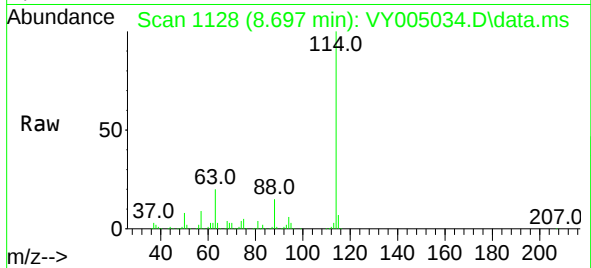




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

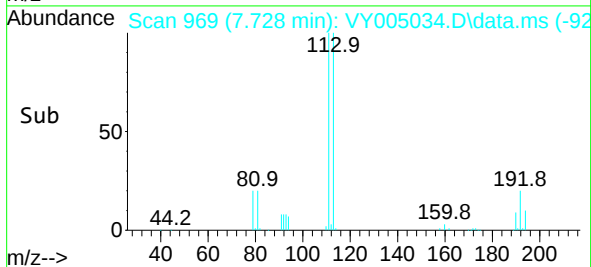
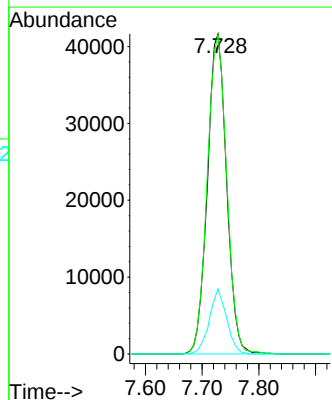
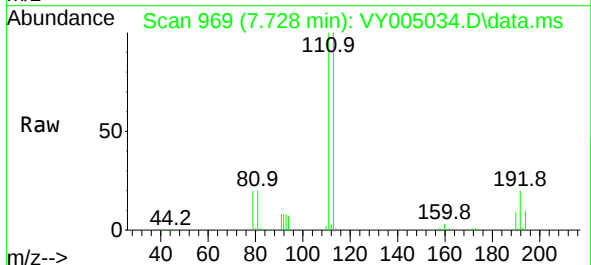
Instrument :
MSVOA_Y
ClientSampleId :

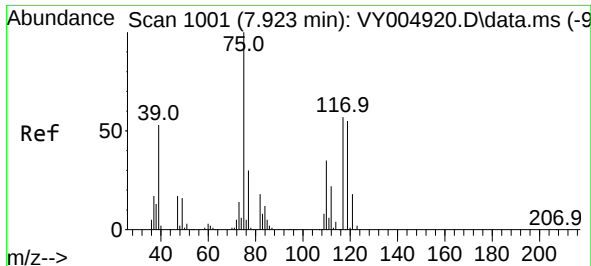
Tgt Ion:114 Resp: 307285
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.0
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 59.145 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Tgt Ion:113 Resp: 97781
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 18.4 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.337 ug/l

RT: 7.795 min Scan# 980

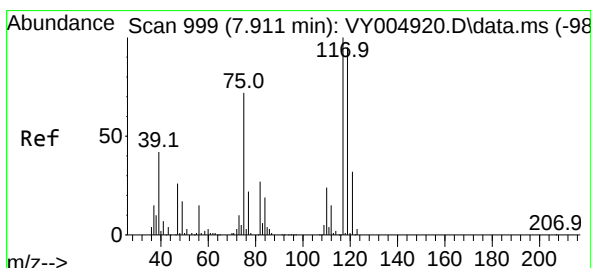
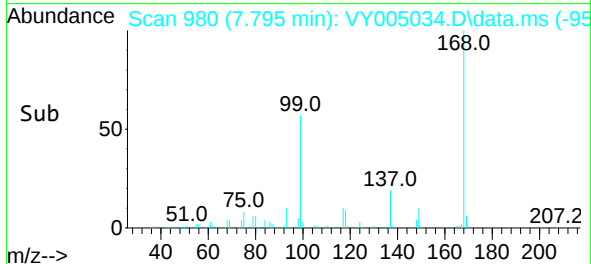
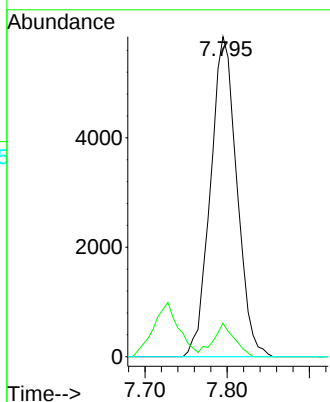
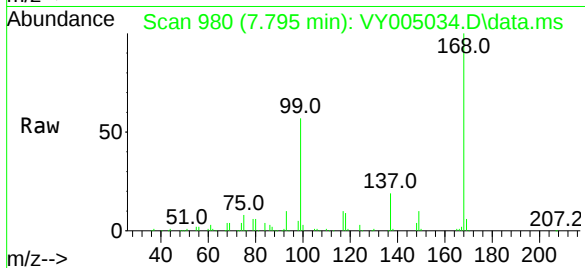
Delta R.T. -0.128 min

Lab File: VY005034.D

Acq: 08 Jun 2021 19:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	13042
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.566 ug/l

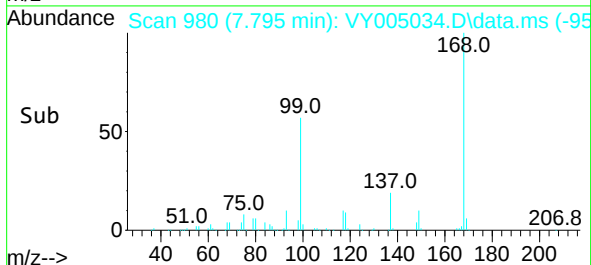
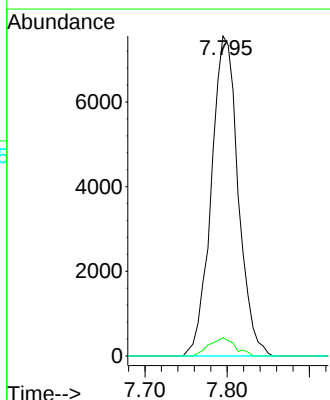
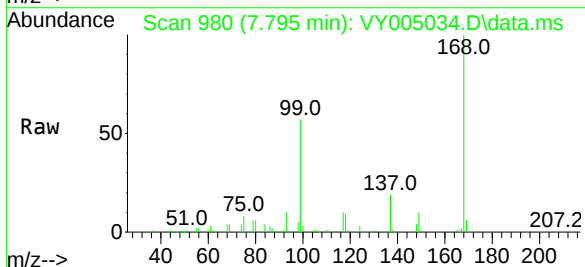
RT: 7.795 min Scan# 980

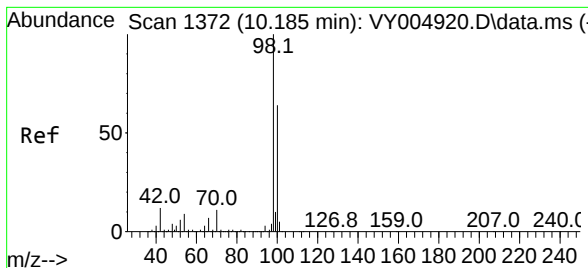
Delta R.T. -0.116 min

Lab File: VY005034.D

Acq: 08 Jun 2021 19:41

Tgt Ion:	117	Resp:	17184
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.1	114.1#
121	0.0	25.5	38.3#

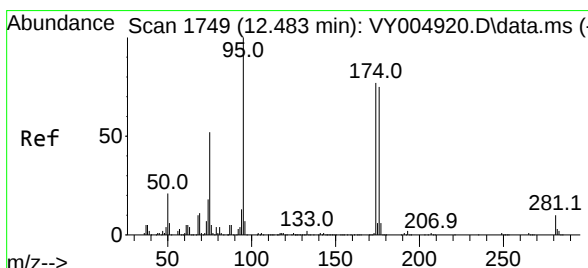
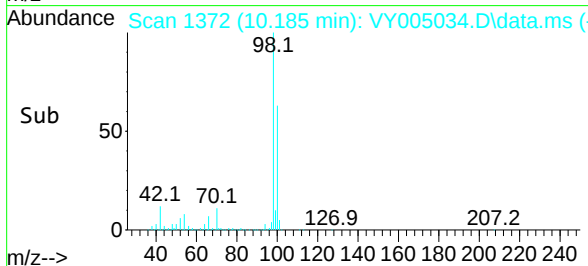
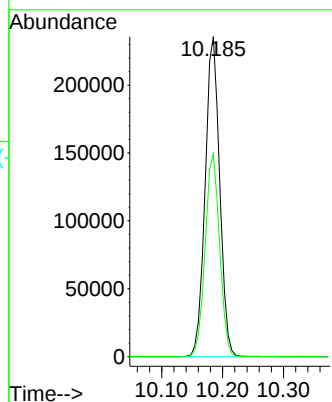
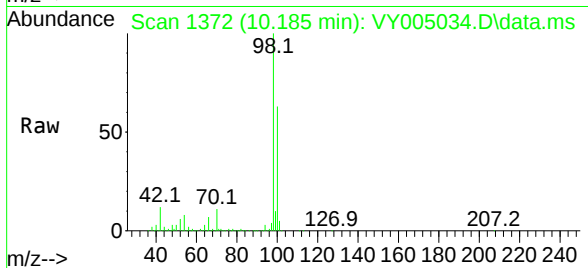




#50
Toluene-d8
Concen: 56.703 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

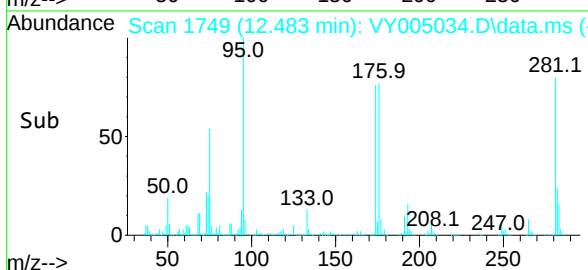
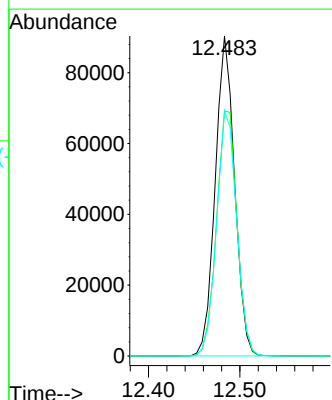
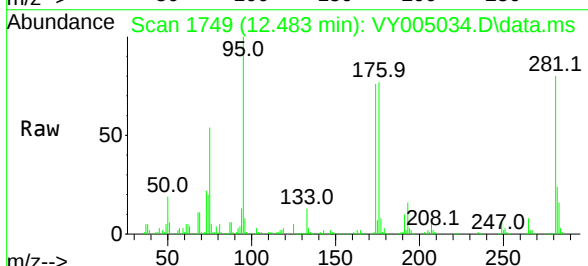
Instrument :
MSVOA_Y
ClientSampleId :

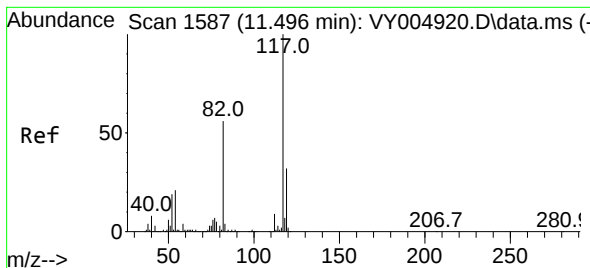
Tgt Ion: 98 Resp: 389330
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Tgt Ion: 95 Resp: 132799
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 79.4 0.0 155.6

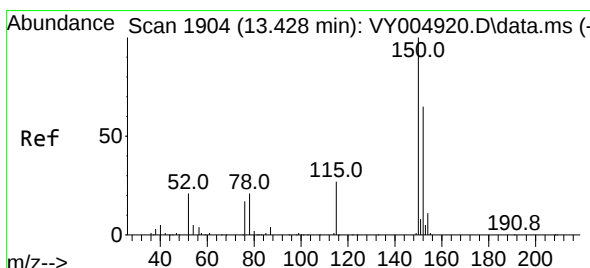
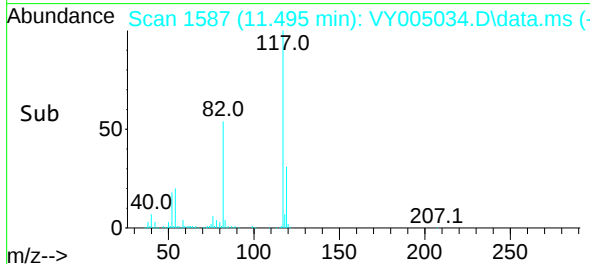
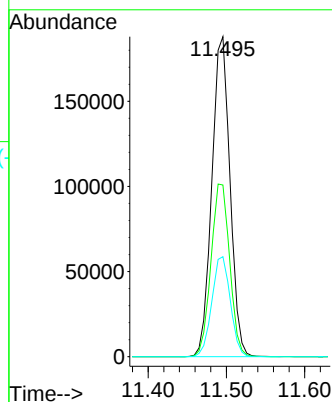
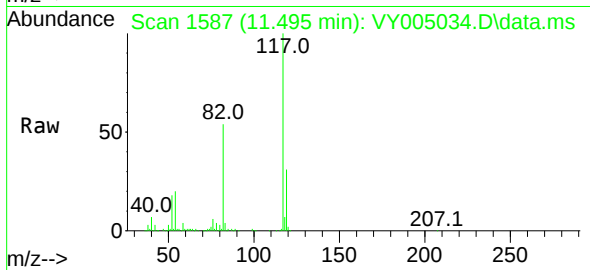




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

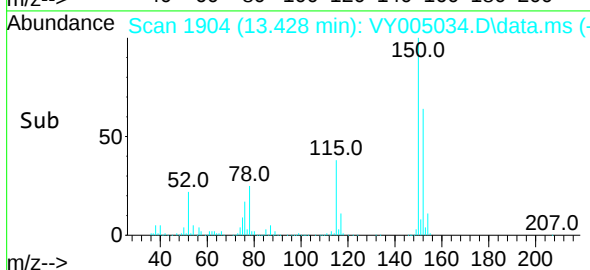
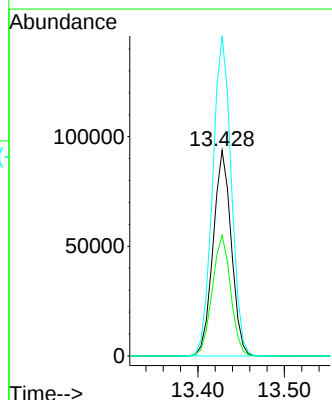
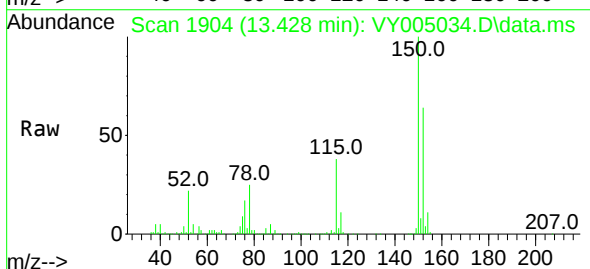
Instrument :
MSVOA_Y
ClientSampleId :

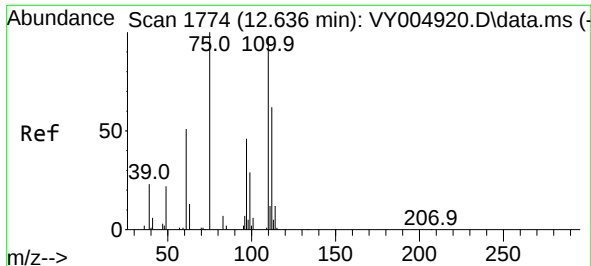
Tgt Ion:117 Resp: 301994
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Tgt Ion:152 Resp: 136553
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 159.6 0.0 347.8

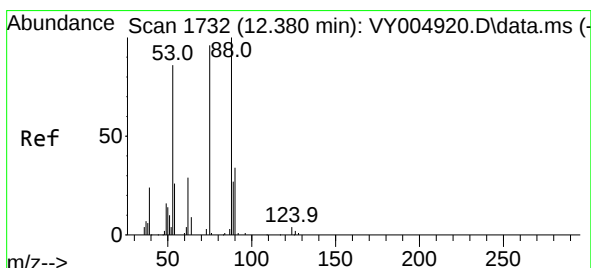
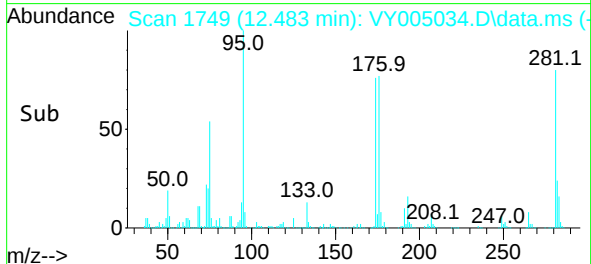
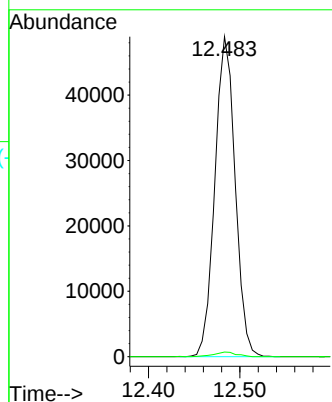
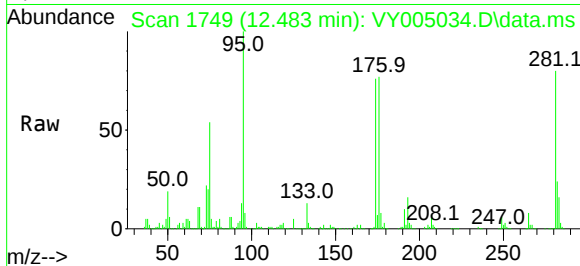




#76
1,2,3-Trichloropropane
Concen: 50.426 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75482
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005034.D
Acq: 08 Jun 2021 19:41

Tgt Ion: 75 Resp: 75482
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.1 35.0 52.6#

