

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005121.D
 Acq On : 11 Jun 2021 13:57
 Operator : SY/MD
 Sample : M2639-01
 Misc : 9.37G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B67

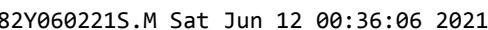
Quant Time: Jun 12 00:36:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

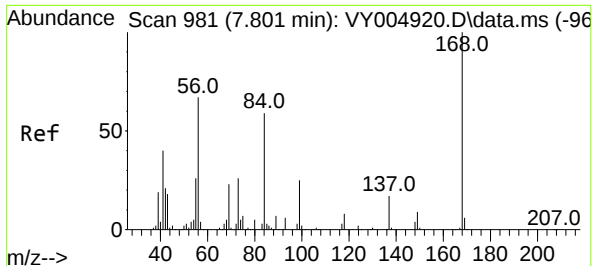
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	154782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	279743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105433	64.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.86%	
35) Dibromofluoromethane	7.728	113	87953	58.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.88%	
50) Toluene-d8	10.185	98	343781	55.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.00%	
62) 4-Bromofluorobenzene	12.483	95	117963	54.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	360	1.91	ug/l #	74
16) Acetone	3.973	43	909	2.31	ug/l	96
20) Methylene Chloride	4.729	84	5209	Below	Cal	87
31) Cyclohexane	7.795	56	3323	1.15	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	11829	4.32	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15624	6.56	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	64537	46.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64537	84.58	ug/l #	16

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

Quant Time: Jun 12 00:36:02 2021
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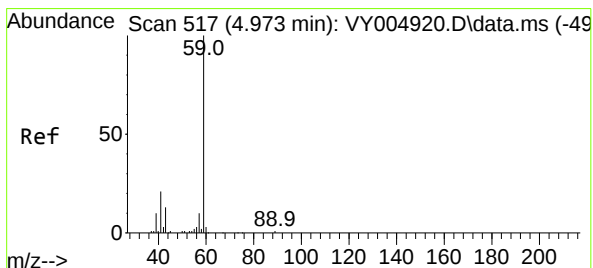
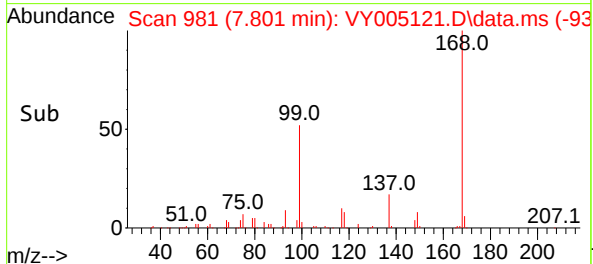
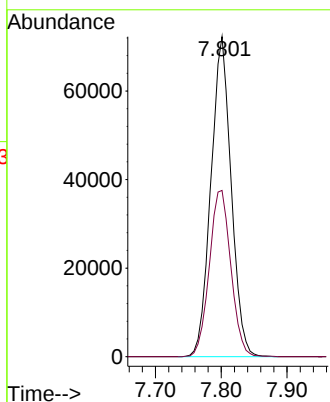
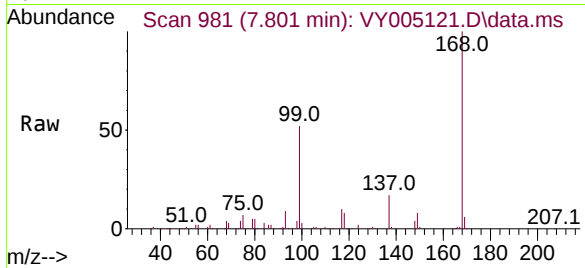




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

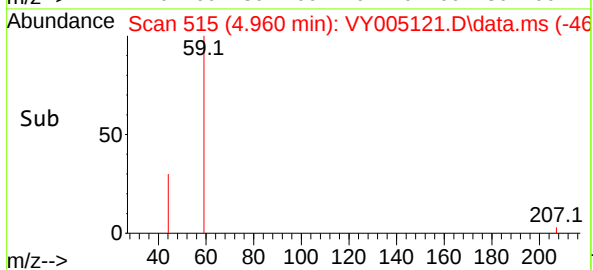
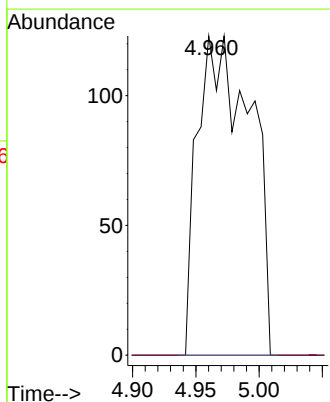
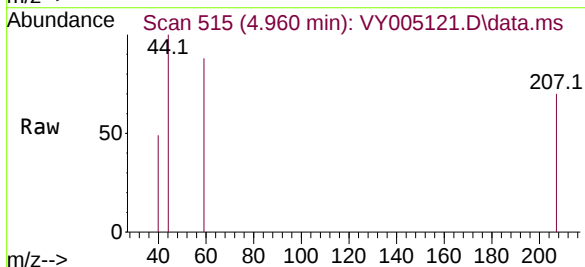
Instrument :
MSVOA_Y
ClientSampled :
B67

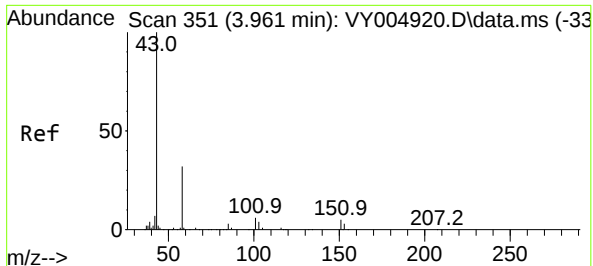
Tgt Ion:168 Resp: 154782
Ion Ratio Lower Upper
168 100
99 51.9 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.91 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

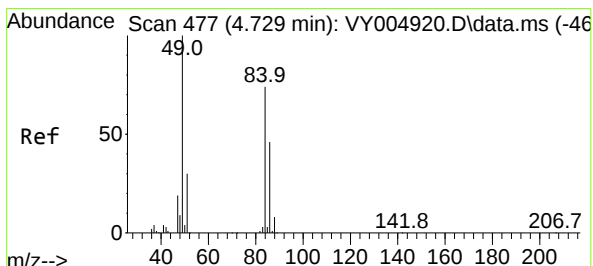
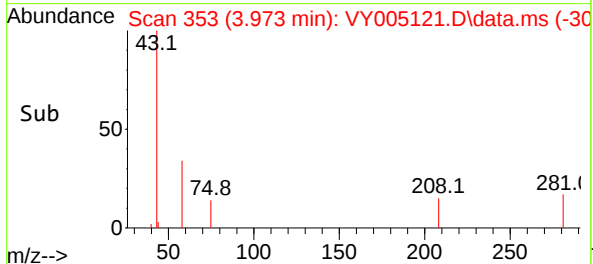
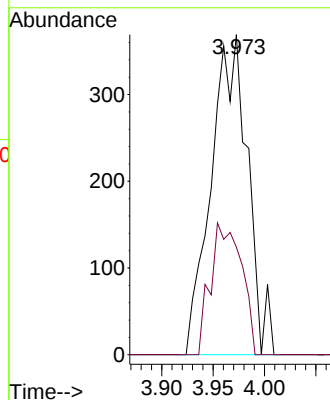
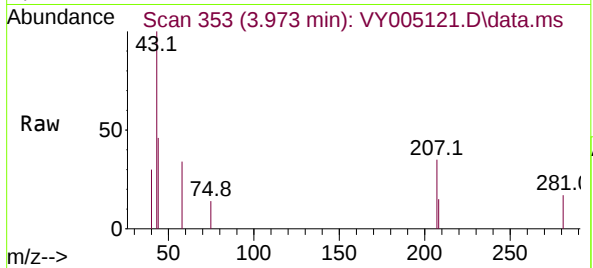




#16
Acetone
Concen: 2.31 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

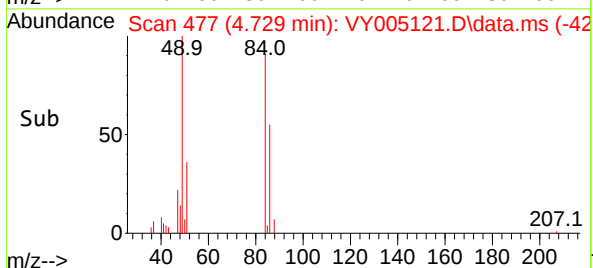
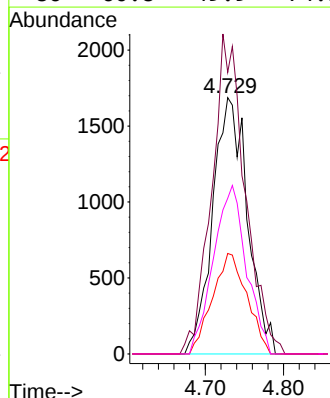
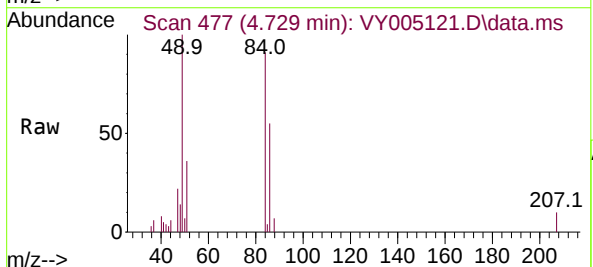
Instrument :
MSVOA_Y
ClientSampleId :
B67

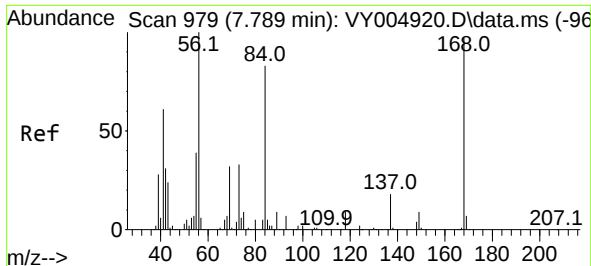
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 33.6 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

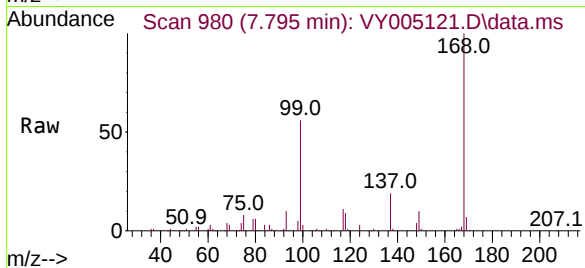
Tgt Ion: 84 Resp: 5209
Ion Ratio Lower Upper
84 100
49 109.8 108.0 162.0
51 39.2 32.6 48.8
86 60.8 49.9 74.9



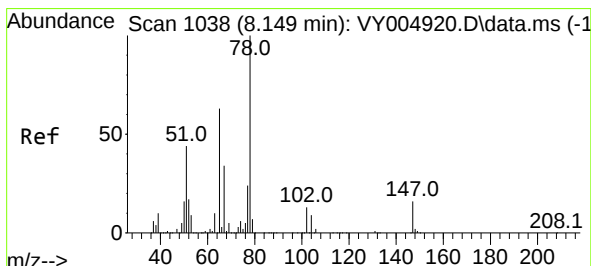
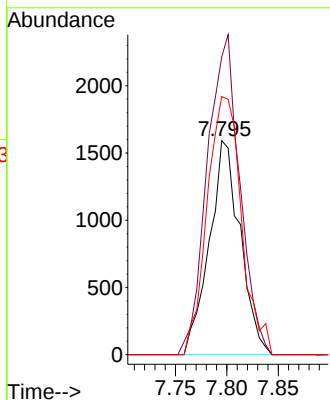
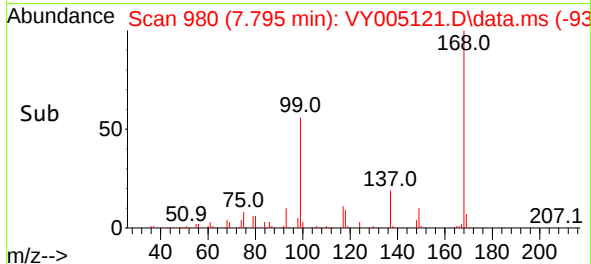


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

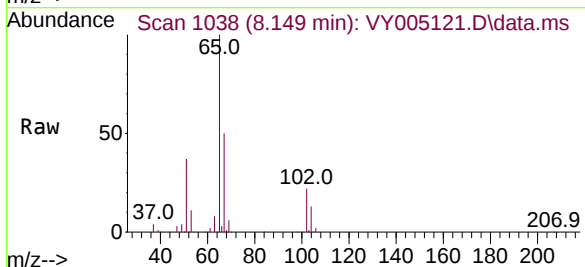
Instrument :
MSVOA_Y
ClientSampled :
B67



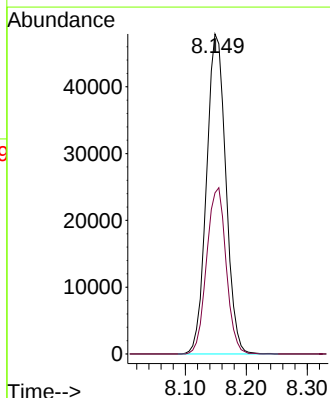
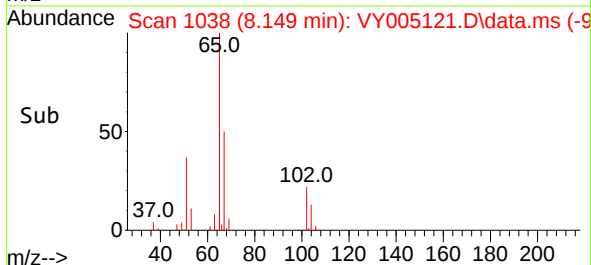
Tgt Ion: 56 Resp: 3323
Ion Ratio Lower Upper
56 100
69 139.1 25.3 37.9#
84 120.5 66.2 99.4#

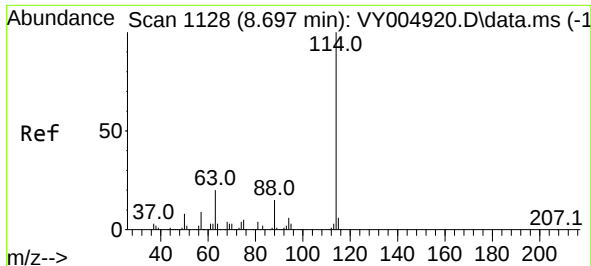


#33
1,2-Dichloroethane-d4
Concen: 64.43 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57



Tgt Ion: 65 Resp: 105433
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005121.D

Acq: 11 Jun 2021 13:57

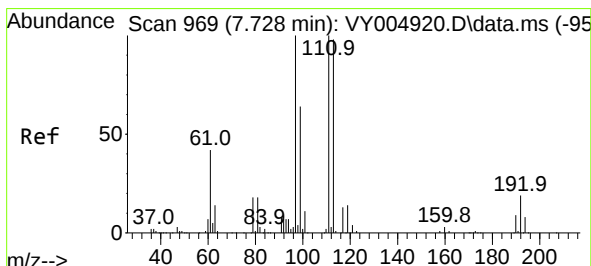
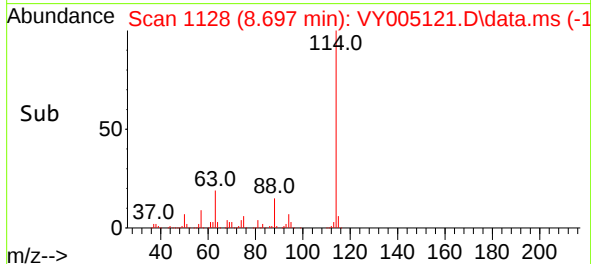
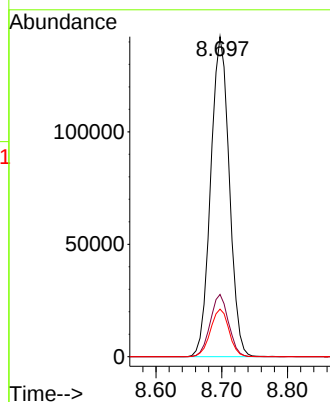
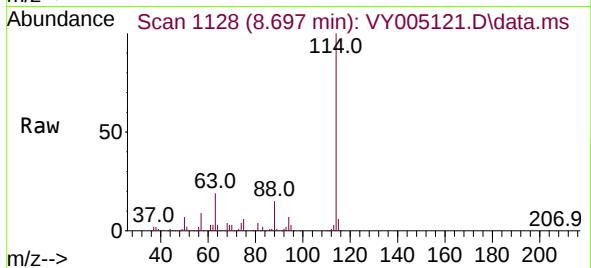
Instrument :

MSVOA_Y

ClientSampleId :

B67

Tgt Ion:114	Resp:	279743
Ion	Ratio	Lower Upper
114	100	
63	19.5	0.0 41.0
88	14.8	0.0 30.6



#35

Dibromofluoromethane

Concen: 58.44 ug/l

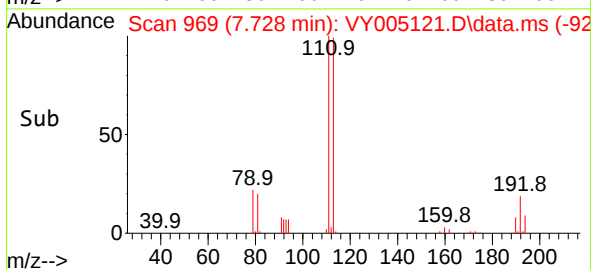
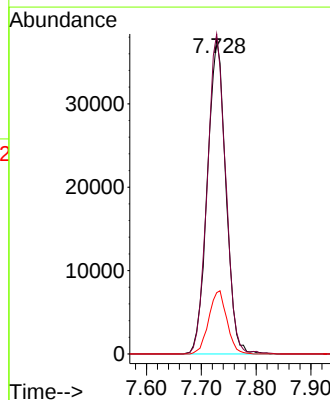
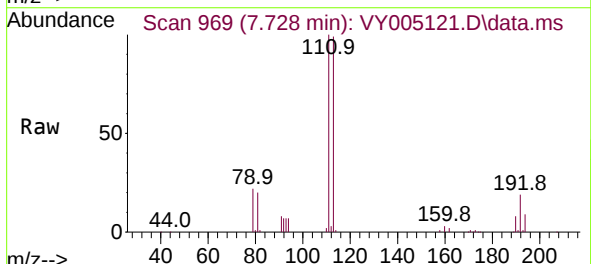
RT: 7.728 min Scan# 969

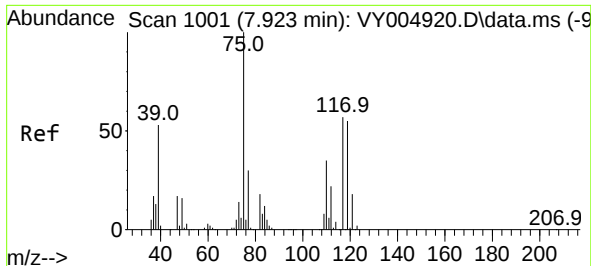
Delta R.T. -0.000 min

Lab File: VY005121.D

Acq: 11 Jun 2021 13:57

Tgt Ion:113	Resp:	87953
Ion	Ratio	Lower Upper
113	100	
111	100.8	81.8 122.8
192	19.7	15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.32 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005121.D

Acq: 11 Jun 2021 13:57

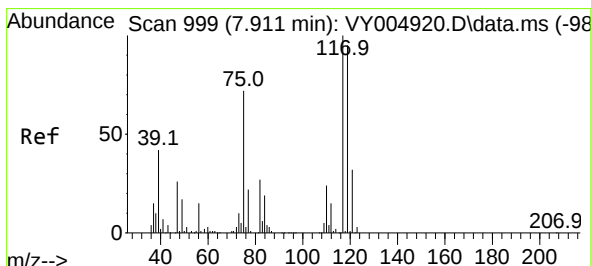
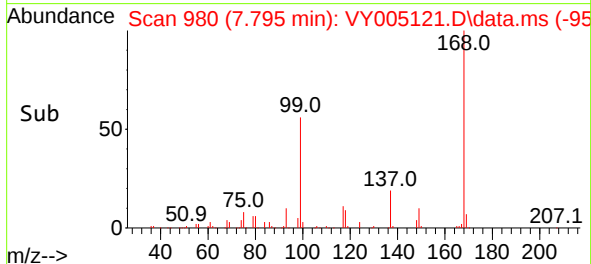
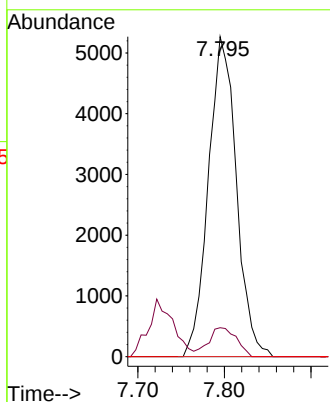
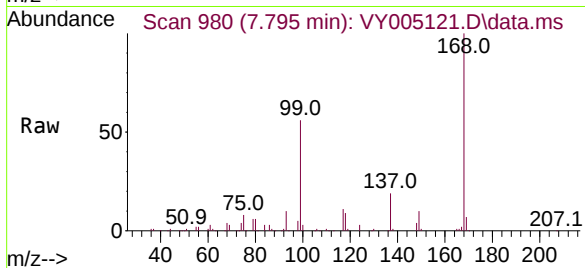
Instrument :

MSVOA_Y

ClientSampleId :

B67

Tgt Ion:	75	Resp:	11829
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.56 ug/l

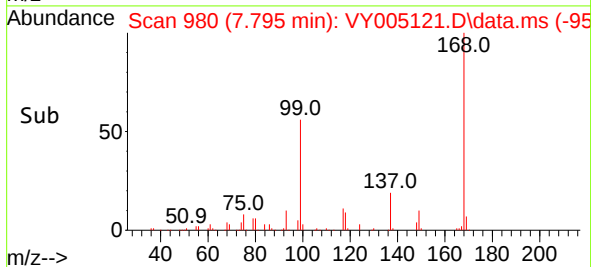
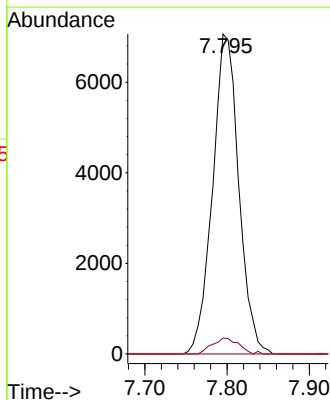
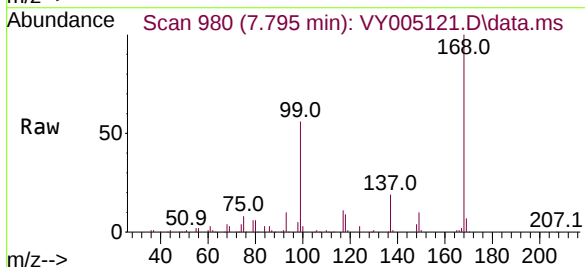
RT: 7.795 min Scan# 980

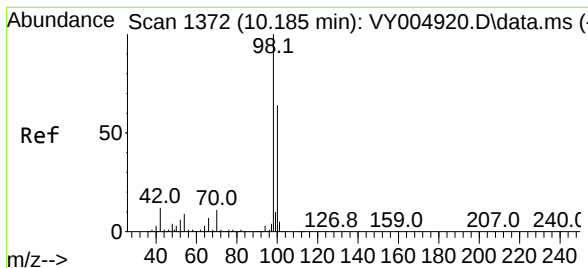
Delta R.T. -0.116 min

Lab File: VY005121.D

Acq: 11 Jun 2021 13:57

Tgt Ion:	117	Resp:	15624
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.1	114.1#
121	0.0	25.5	38.3#

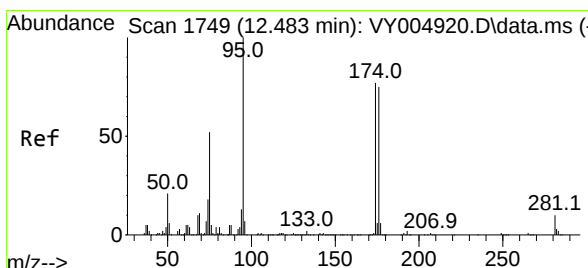
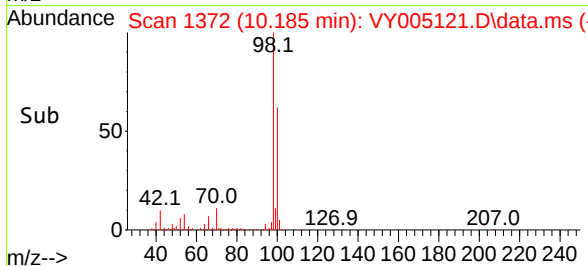
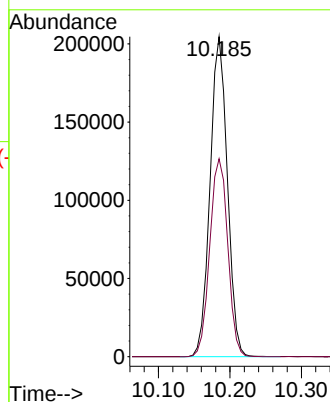
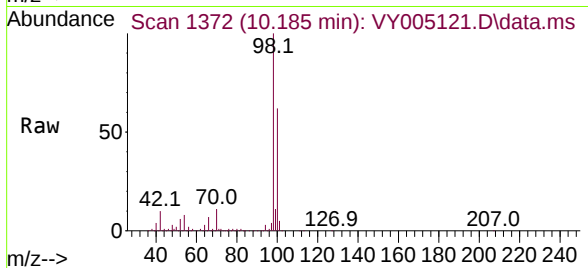




#50
Toluene-d8
Concen: 55.00 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

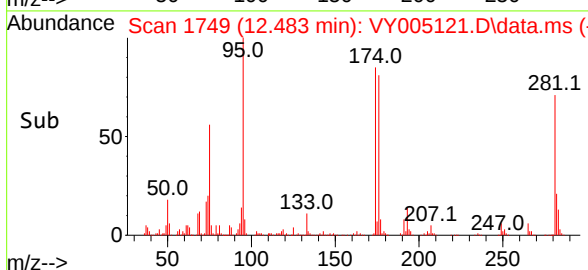
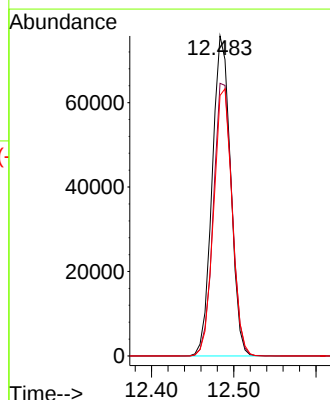
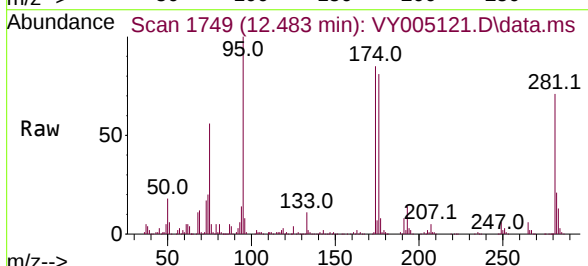
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ClientSampled :
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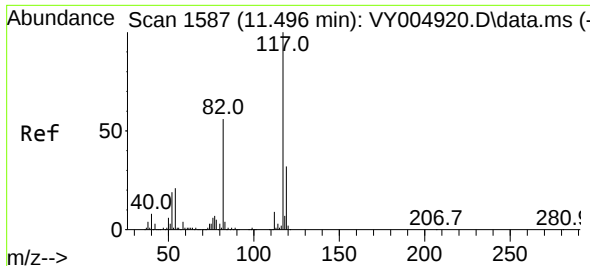
Tgt Ion: 98 Resp: 343781
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

Tgt Ion: 95 Resp: 117963
Ion Ratio Lower Upper
95 100
174 86.2 0.0 160.8
176 83.7 0.0 155.6

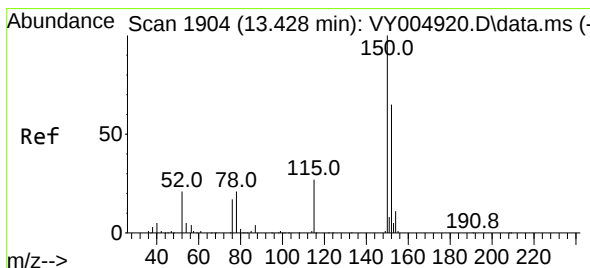
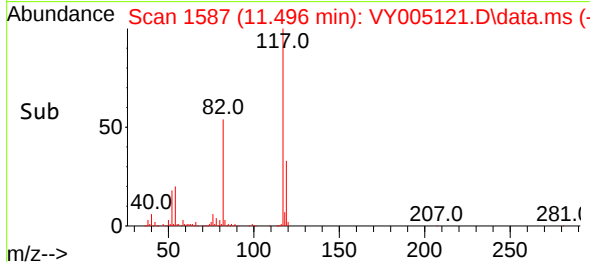
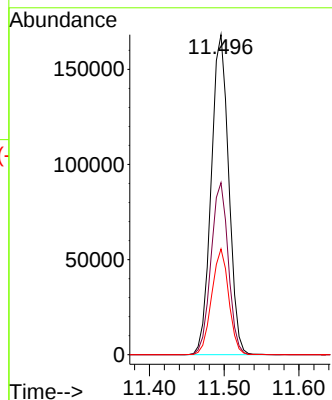
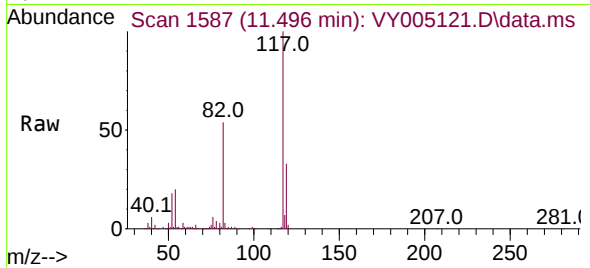




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

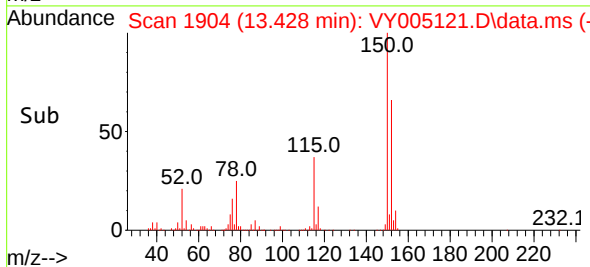
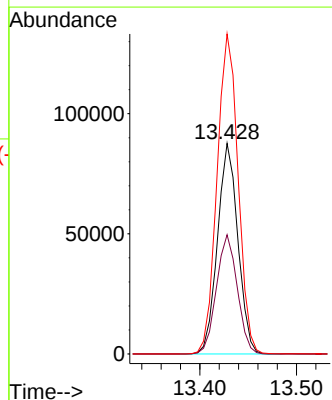
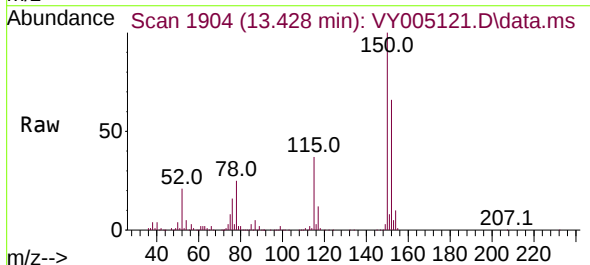
Instrument :
MSVOA_Y
ClientSampled :
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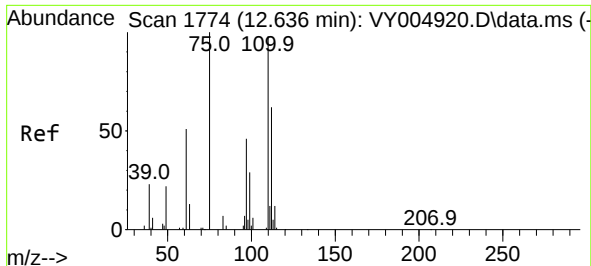
Tgt Ion:	117	Resp:	273812
Ion Ratio	Lower	Upper	
117	100		
82	53.7	44.8	67.2
119	33.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

Tgt Ion:	152	Resp:	127923
Ion Ratio	Lower	Upper	
152	100		
115	57.8	29.9	89.7
150	157.0	0.0	347.8

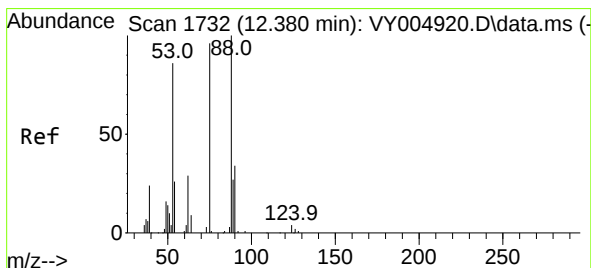
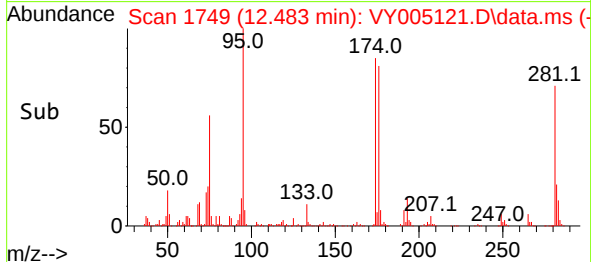
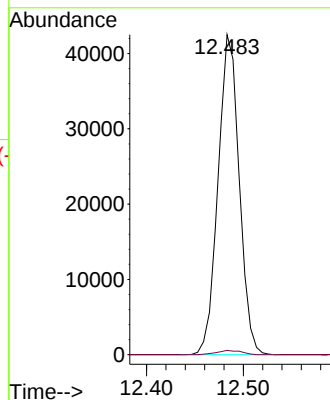
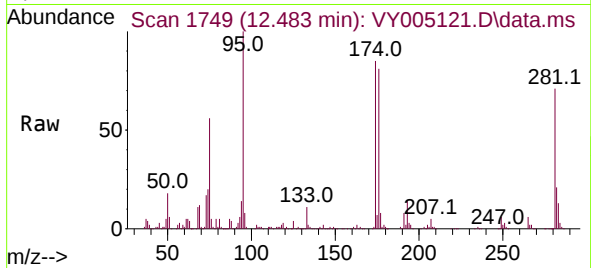




#76
1,2,3-Trichloropropane
Concen: 46.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

Instrument :
MSVOA_Y
ClientSampled :
B67

Tgt Ion: 75 Resp: 64537
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005121.D
Acq: 11 Jun 2021 13:57

Tgt Ion: 75 Resp: 64537
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.5 35.0 52.6#

