

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005912.D
 Acq On : 31 Aug 2021 15:10
 Operator : SY/MD
 Sample : M3602-09
 Misc : 4.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 05:37:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

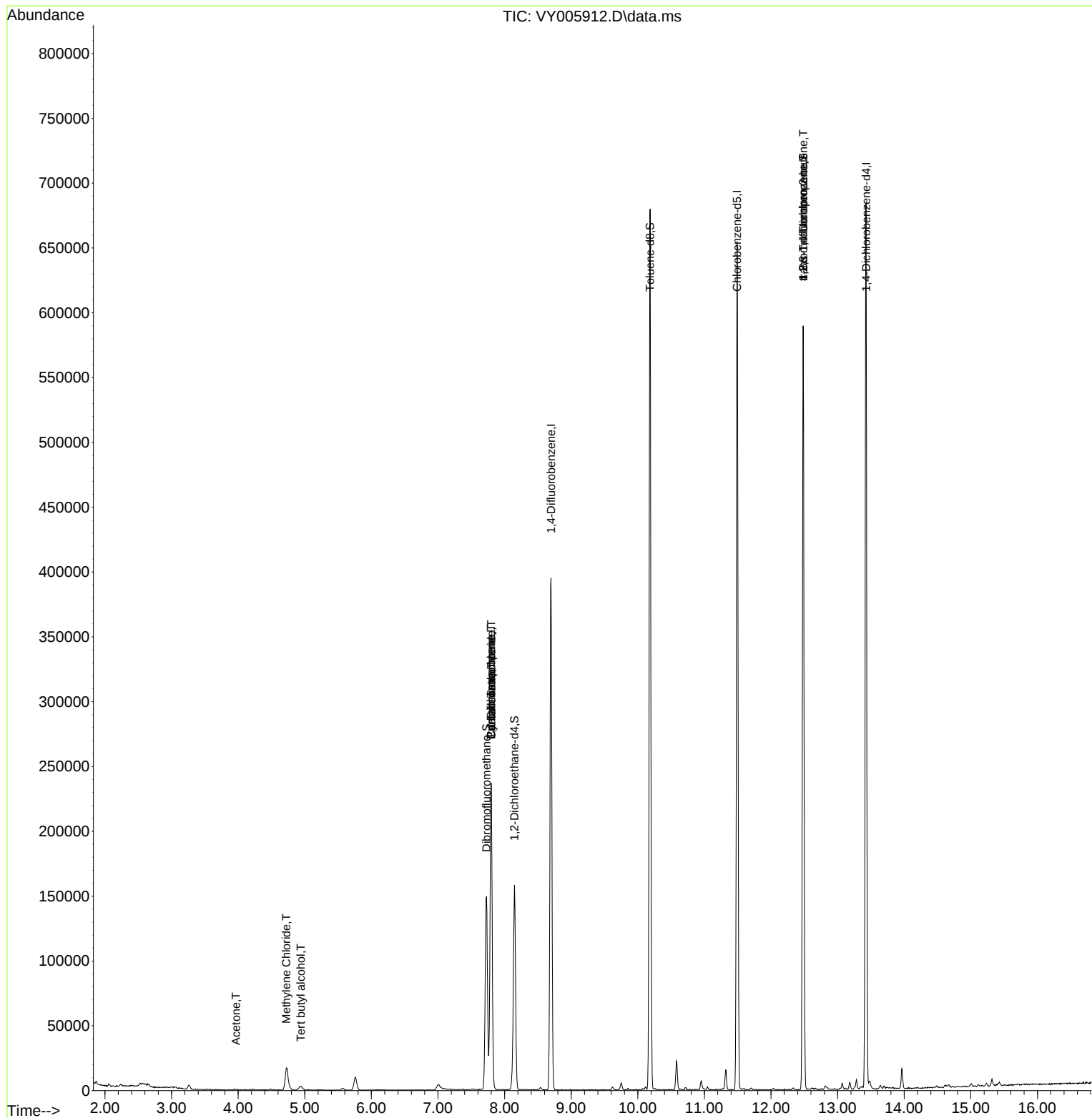
Internal Standards						
1) Pentafluorobenzene	7.801	168	199038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	358094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124923	62.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.560%	
35) Dibromofluoromethane	7.728	113	104329	54.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.185	98	436776	54.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.483	95	157816	58.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3506	8.889	ug/l #	80
16) Acetone	3.967	43	1169	2.286	ug/l #	88
20) Methylene Chloride	4.722	84	12848	1.663	ug/l	90
31) Cyclohexane	7.801	56	3676	1.087	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	13538	4.252	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17737	5.140	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	85805	49.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85805	94.310	ug/l #	14

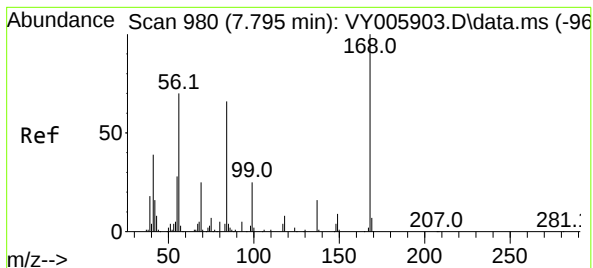
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 05:37:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005912.D

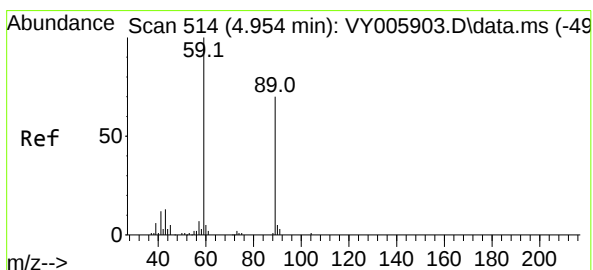
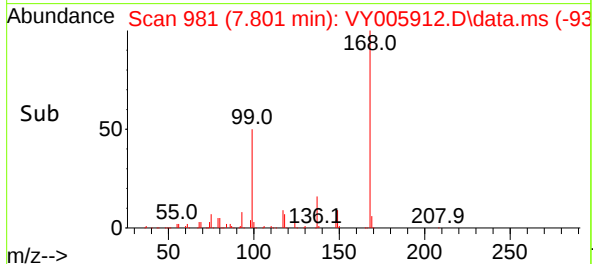
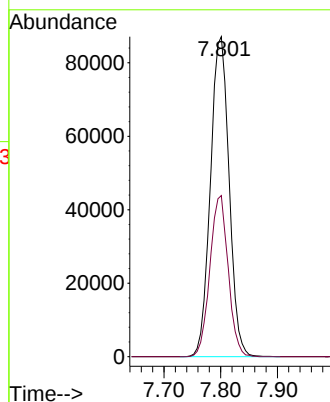
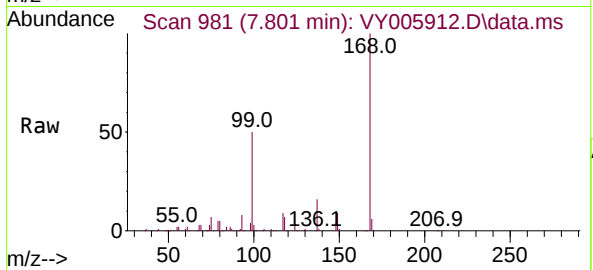
Acq: 31 Aug 2021 15:10

Tgt Ion:168 Resp: 199038

Ion Ratio Lower Upper

168 100

99 50.3 40.6 60.8



#11

Tert butyl alcohol

Concen: 8.889 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY005912.D

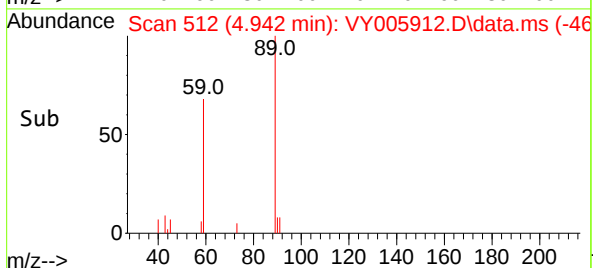
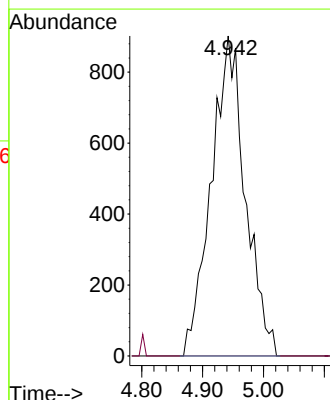
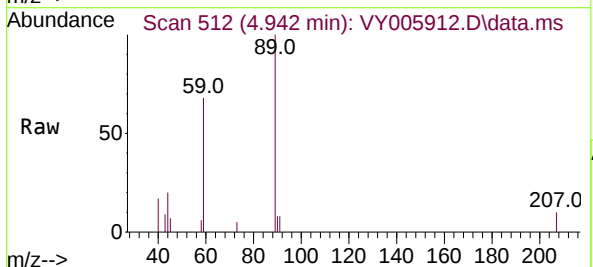
Acq: 31 Aug 2021 15:10

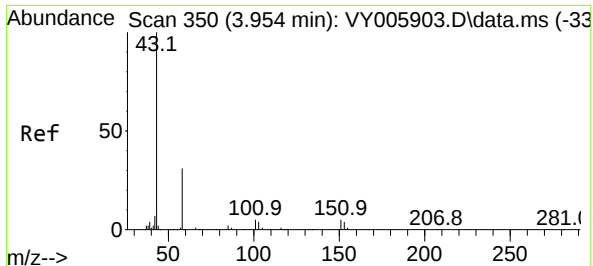
Tgt Ion: 59 Resp: 3506

Ion Ratio Lower Upper

59 100

57 0.0 5.5 8.3#

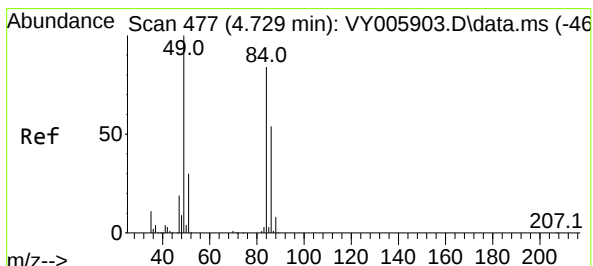
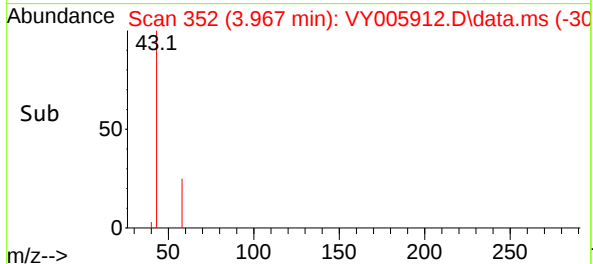
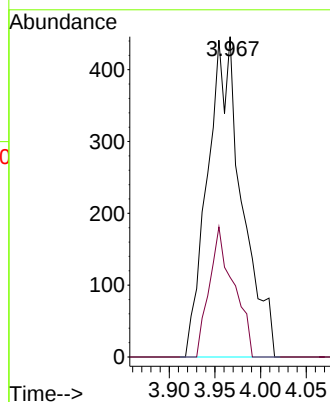
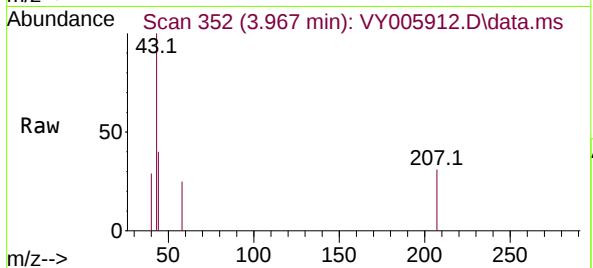




#16
Acetone
Concen: 2.286 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

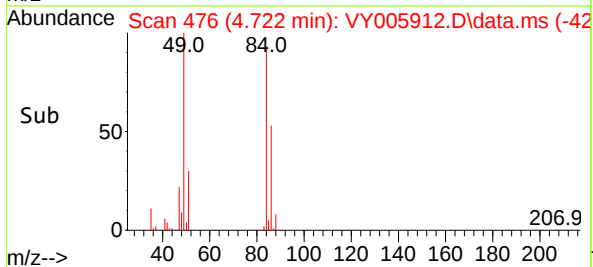
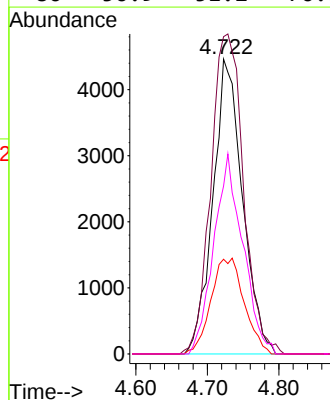
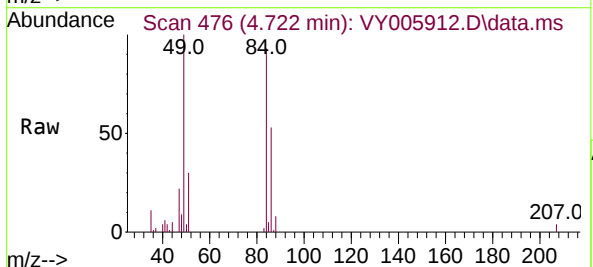
Instrument :
MSVOA_Y
ClientSampled :

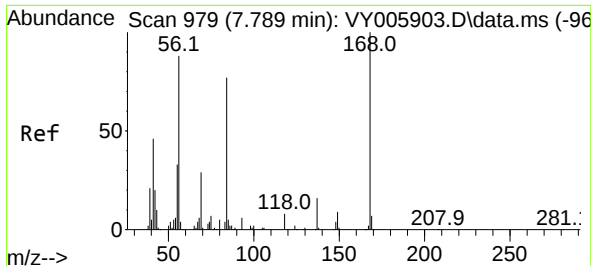
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 24.9 25.1 37.7#



#20
Methylene Chloride
Concen: 1.663 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

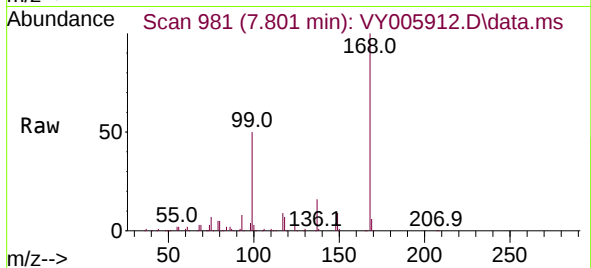
Tgt Ion: 84 Resp: 12848
Ion Ratio Lower Upper
84 100
49 107.6 95.7 143.5
51 32.1 29.0 43.6
86 56.9 51.2 76.8



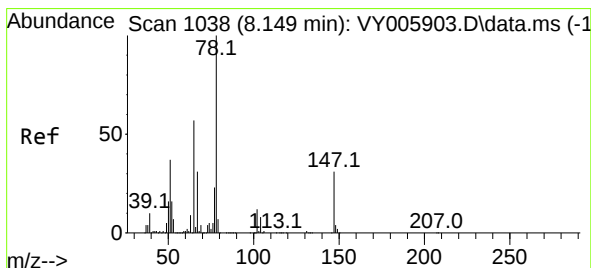
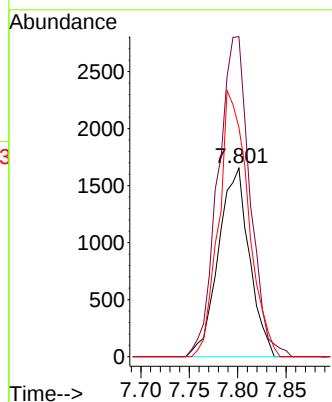
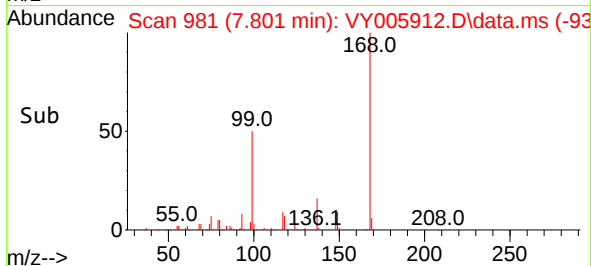


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

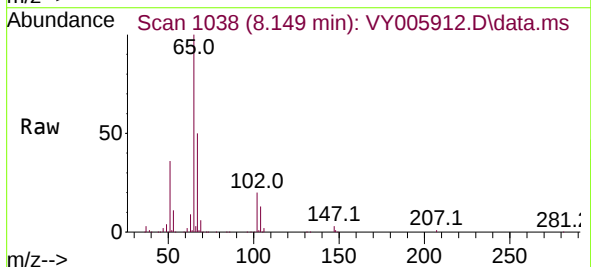
Instrument :
MSVOA_Y
ClientSampled :



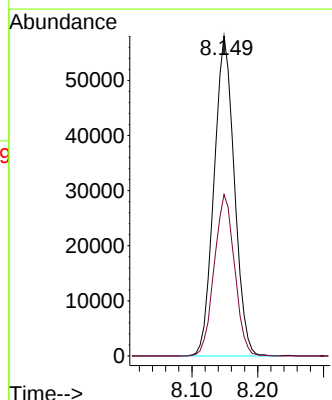
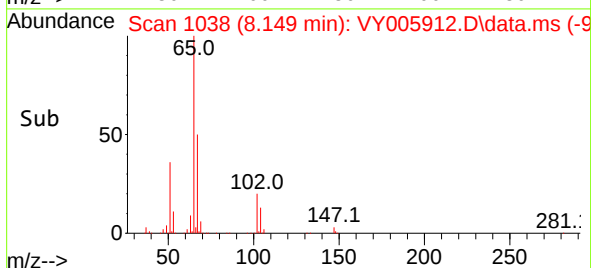
Tgt Ion: 56 Resp: 3676
Ion Ratio Lower Upper
56 100
69 169.8 26.3 39.5#
84 121.5 69.8 104.8#

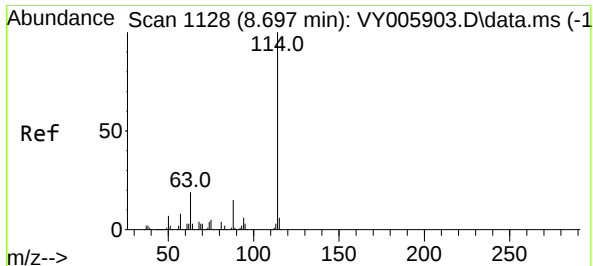


#33
1,2-Dichloroethane-d4
Concen: 62.282 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10



Tgt Ion: 65 Resp: 124923
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

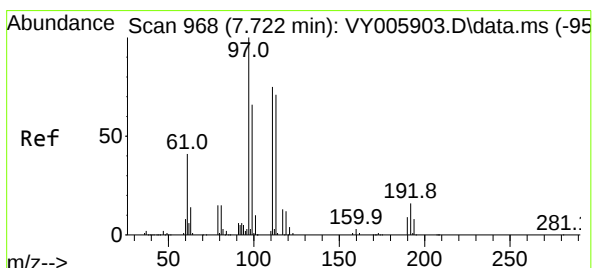
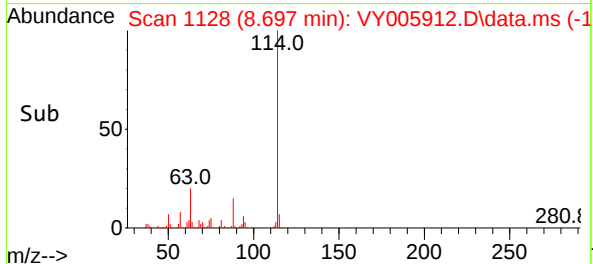
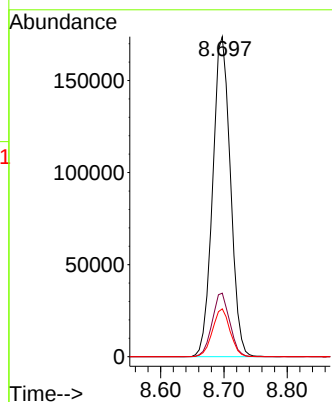
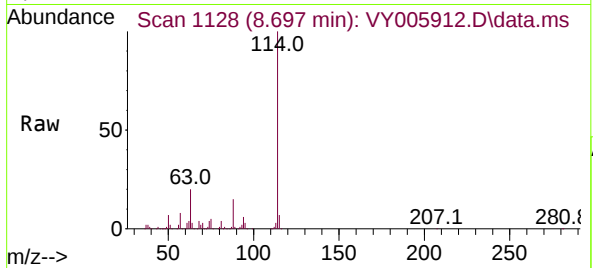




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

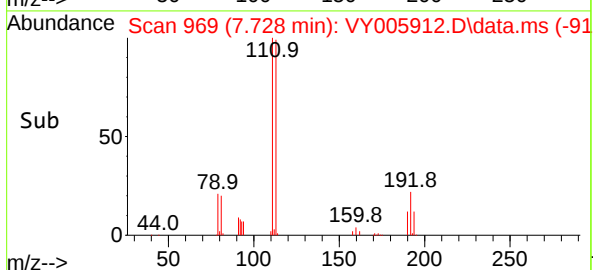
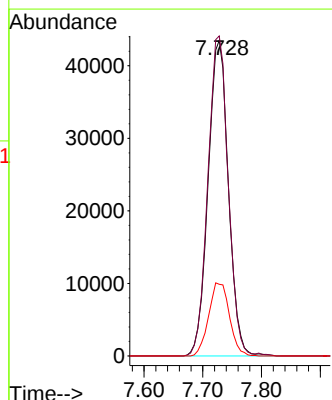
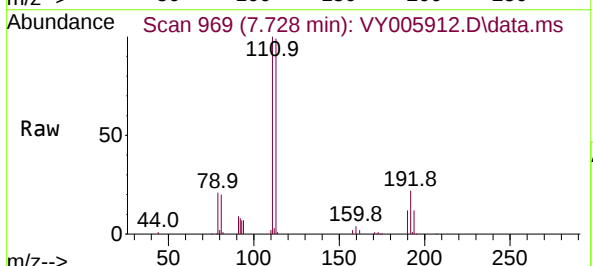
Instrument :
MSVOA_Y
ClientSampled :

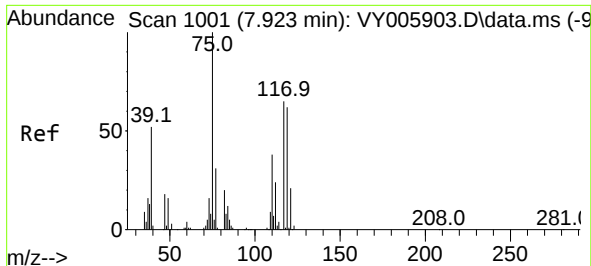
Tgt Ion:114 Resp: 338126
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 14.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.942 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

Tgt Ion:113 Resp: 104329
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.7 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.252 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005912.D

Acq: 31 Aug 2021 15:10

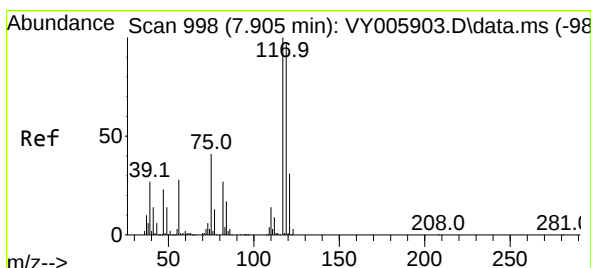
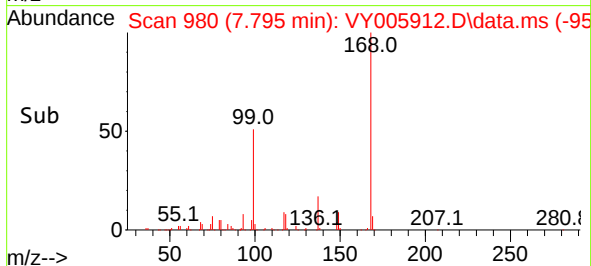
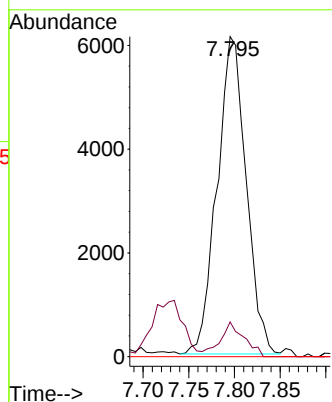
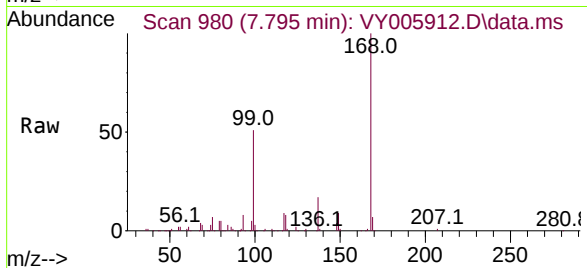
Tgt Ion: 75 Resp: 13538

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.140 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY005912.D

Acq: 31 Aug 2021 15:10

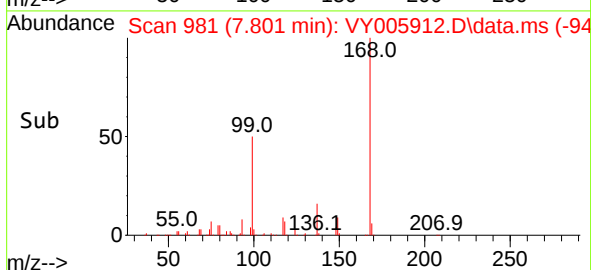
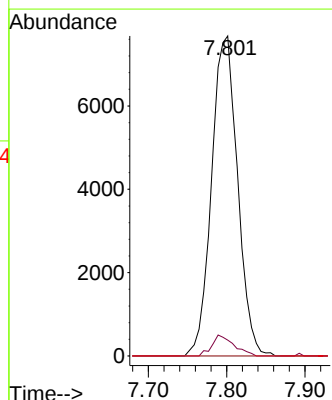
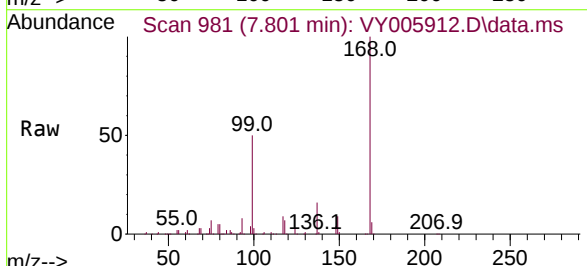
Tgt Ion: 117 Resp: 17737

Ion Ratio Lower Upper

117 100

119 4.9 77.5 116.3#

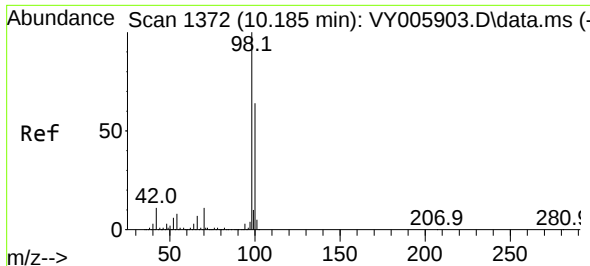
121 0.0 25.0 37.6#



Instrument :

MSVOA_Y

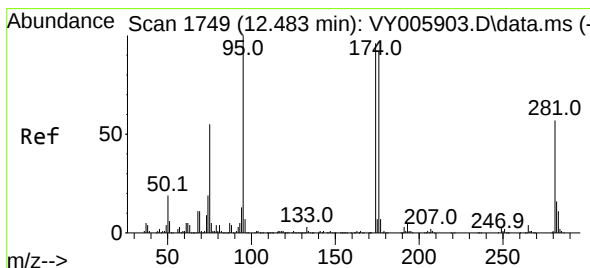
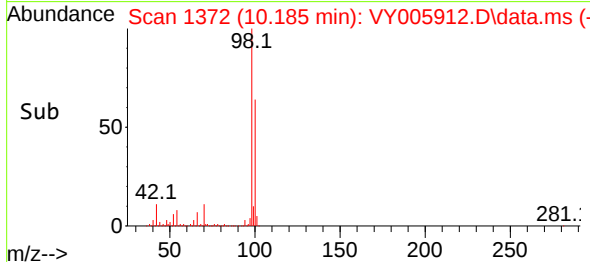
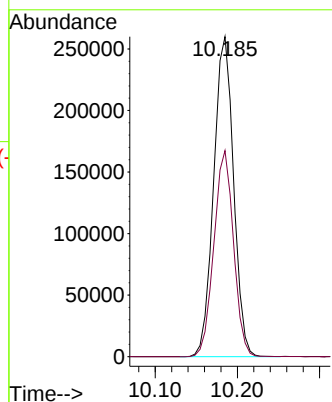
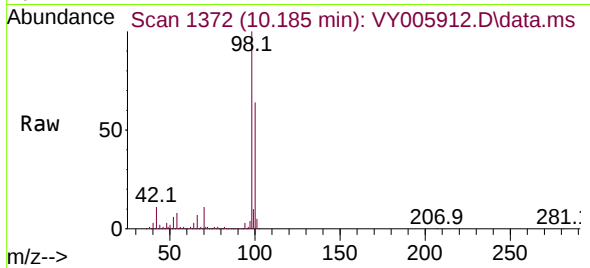
ClientSampleId :



#50
Toluene-d8
Concen: 54.807 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

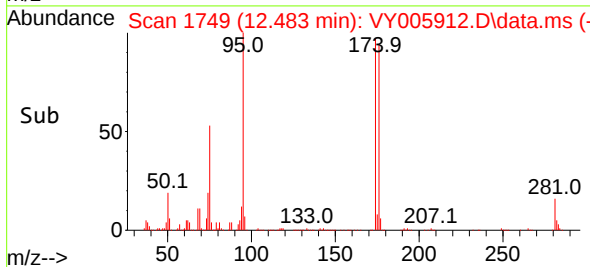
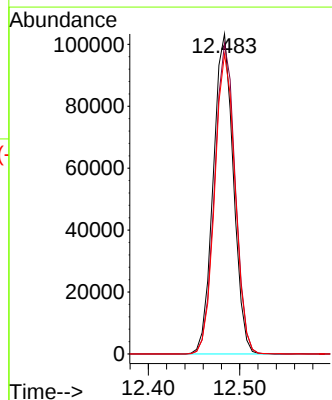
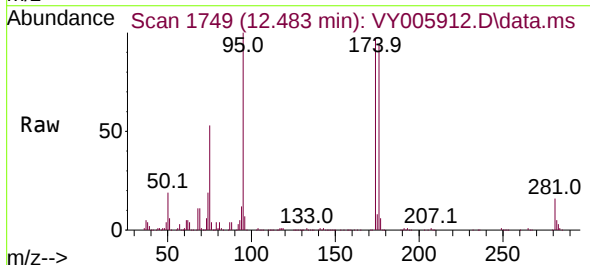
Instrument :
MSVOA_Y
ClientSampleId :

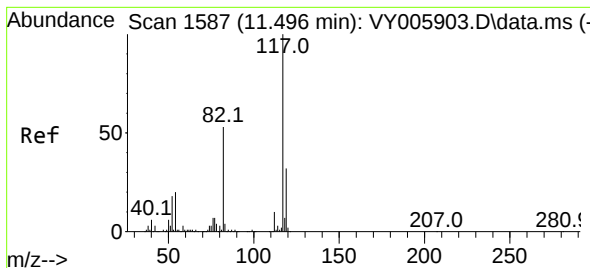
Tgt Ion: 98 Resp: 436776
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

Tgt Ion: 95 Resp: 157816
Ion Ratio Lower Upper
95 100
174 99.2 0.0 192.4
176 95.2 0.0 186.8

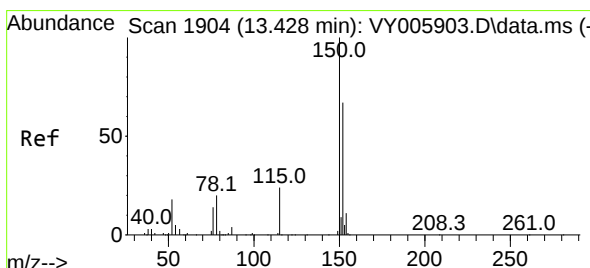
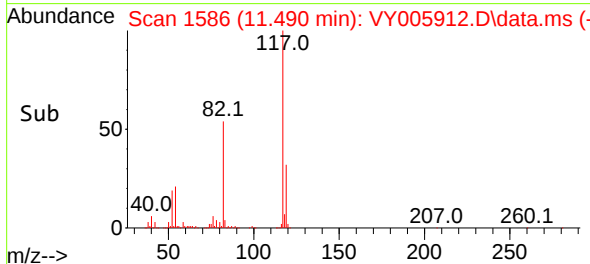
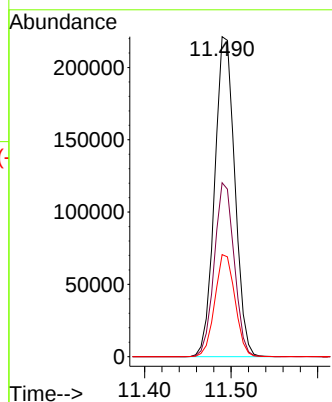
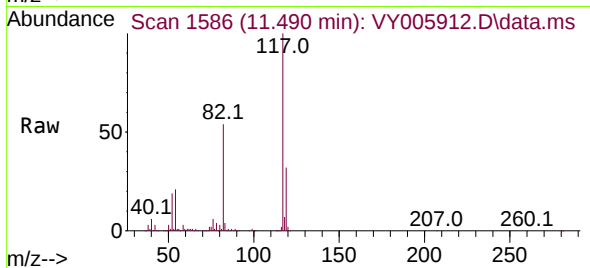




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

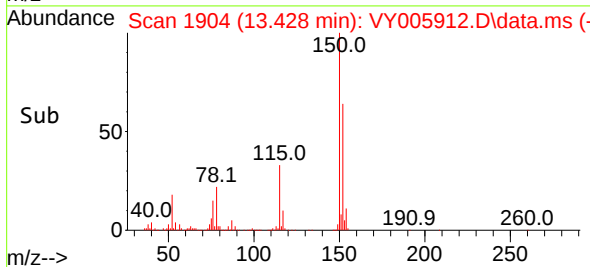
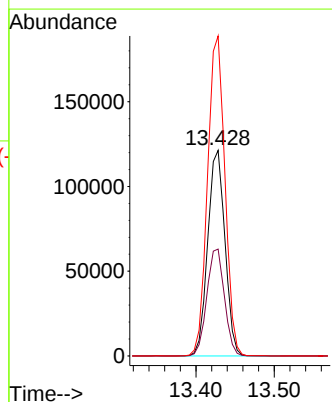
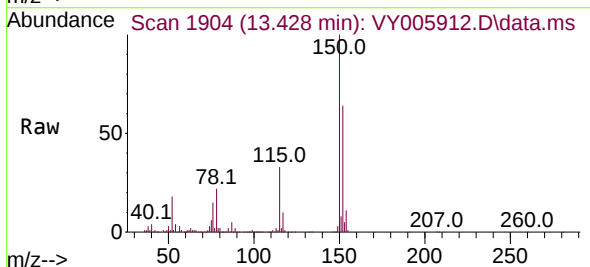
Instrument :
MSVOA_Y
ClientSampleId :

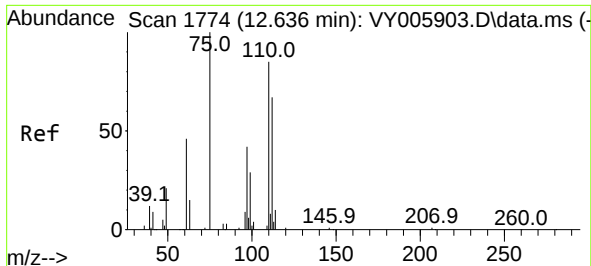
Tgt Ion:117 Resp: 358094
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

Tgt Ion:152 Resp: 184866
Ion Ratio Lower Upper
152 100
115 53.3 26.8 80.4
150 157.0 0.0 345.6

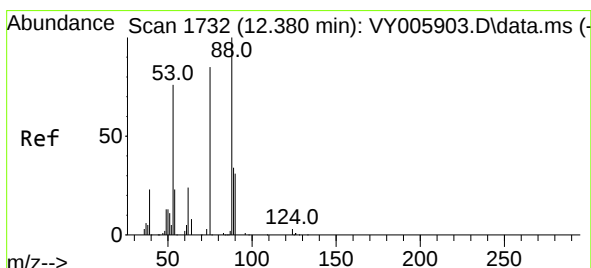
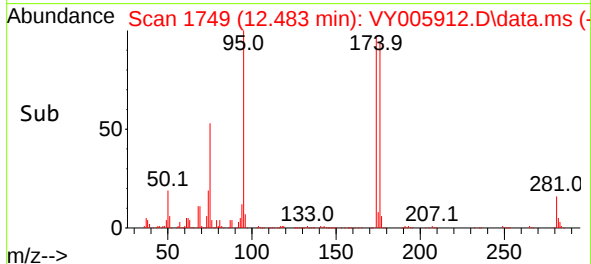
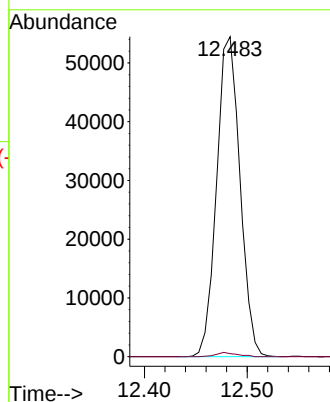
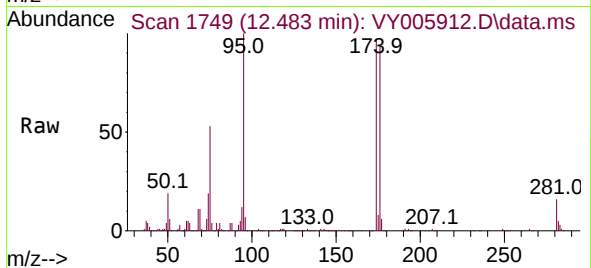




#76
1,2,3-Trichloropropane
Concen: 49.590 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85805
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005912.D
Acq: 31 Aug 2021 15:10

Tgt Ion: 75 Resp: 85805
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.1 35.8 53.6#

