

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005716.D
 Acq On : 17 Aug 2021 17:07
 Operator : SY/MD
 Sample : M3390-08
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

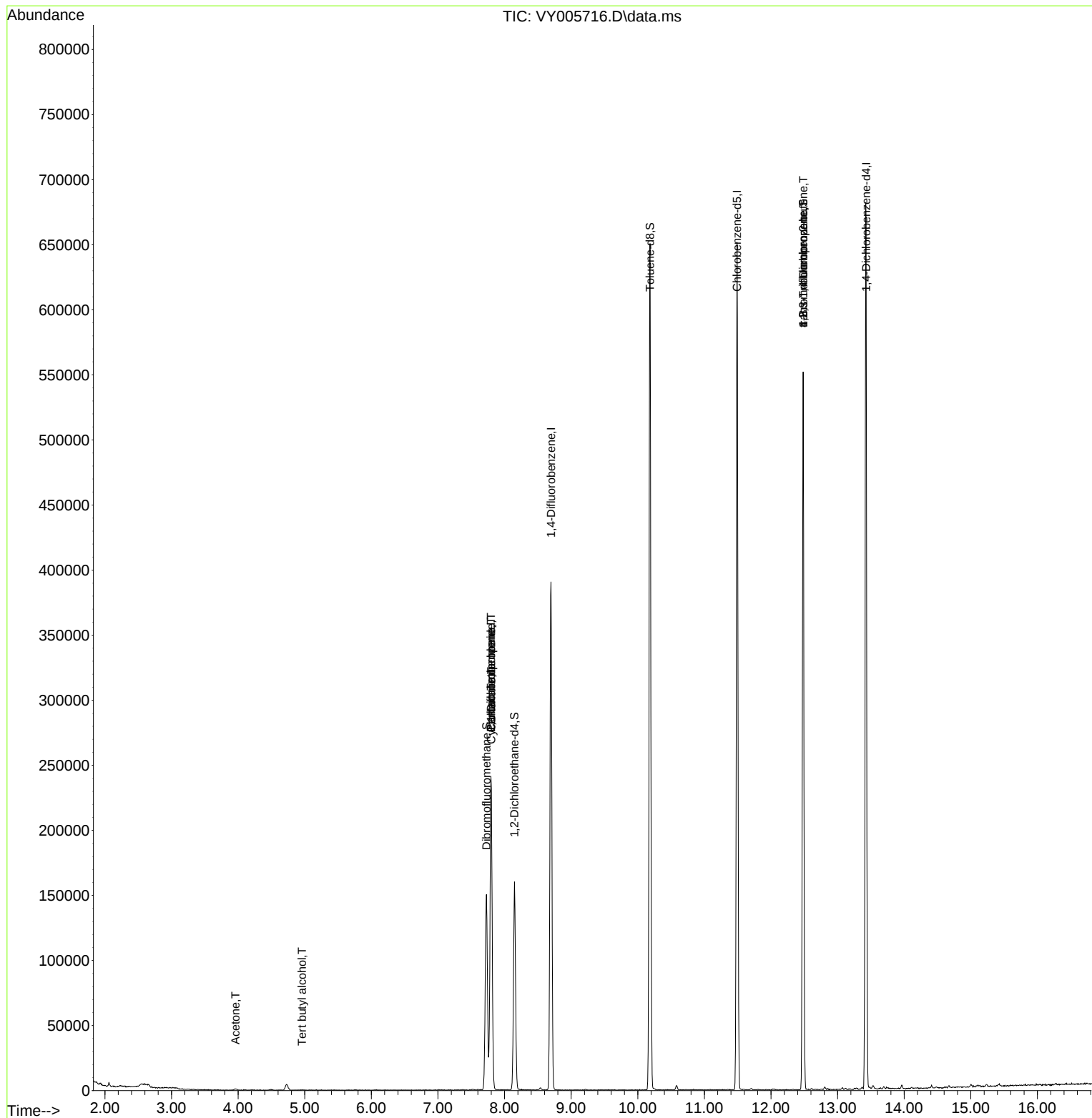
Internal Standards						
1) Pentafluorobenzene	7.795	168	195349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125494	63.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.920%	
35) Dibromofluoromethane	7.728	113	100198	54.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.820%	
50) Toluene-d8	10.185	98	425806	55.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.483	95	151329	59.173	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.340%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	661	3.381	ug/l #	73
16) Acetone	3.960	43	1882	3.775	ug/l #	88
20) Methylene Chloride	4.729	84	3184	Below Cal	#	92
31) Cyclohexane	7.801	56	3949	1.164	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	14010	4.542	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17858	5.326	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	83382	45.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83382	92.189	ug/l #	11

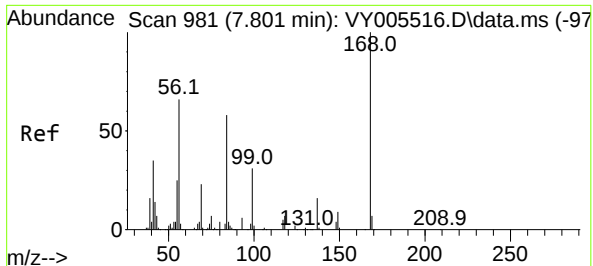
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

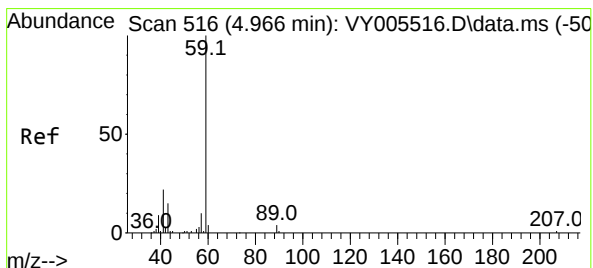
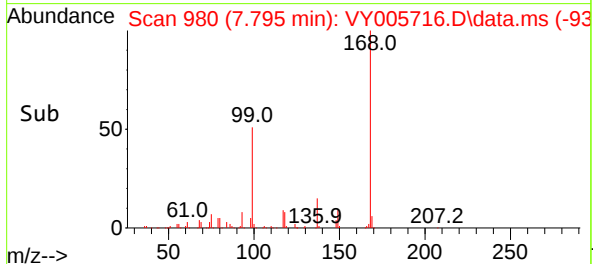
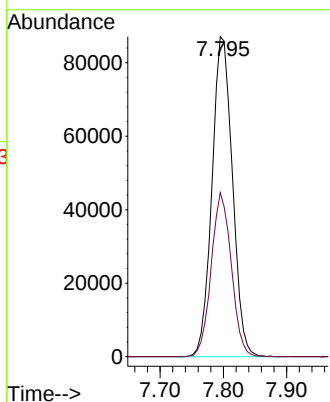
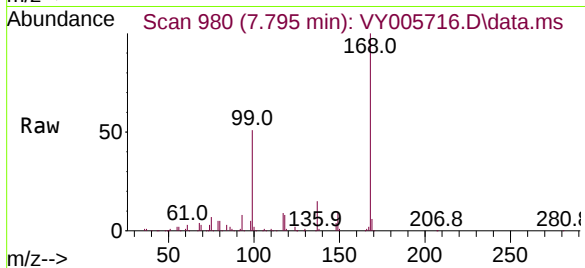




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

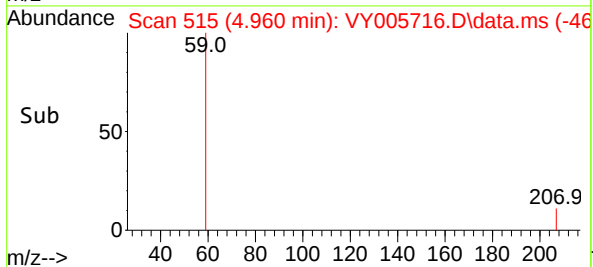
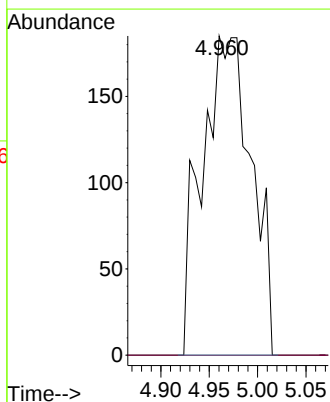
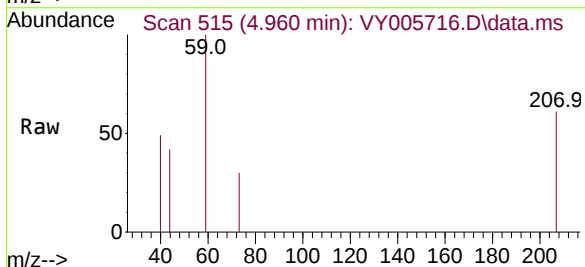
Instrument :
MSVOA_Y
ClientSampleId :

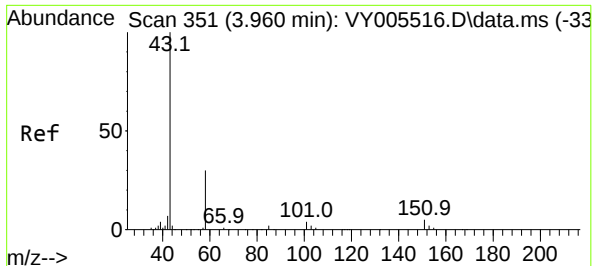
Tgt Ion:168 Resp: 195349
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.381 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

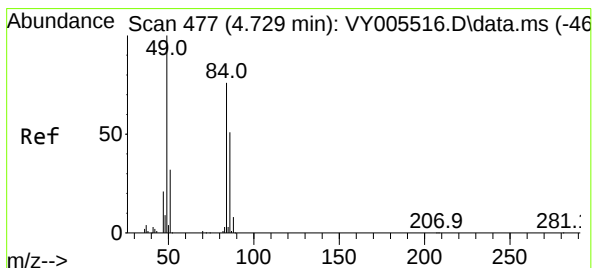
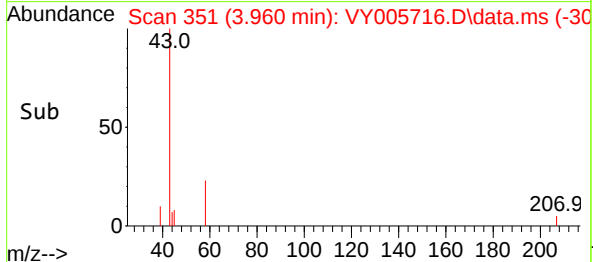
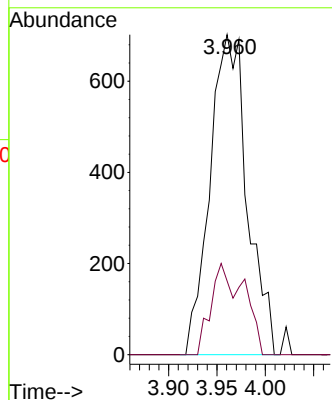
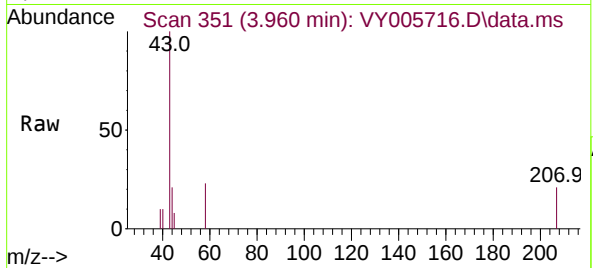




#16
Acetone
Concen: 3.775 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

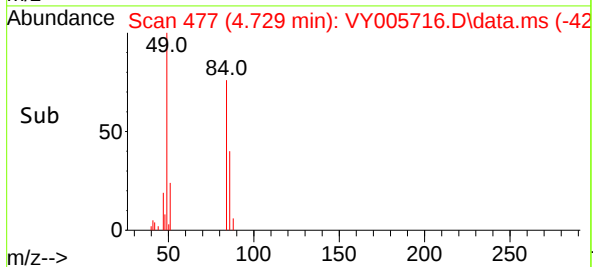
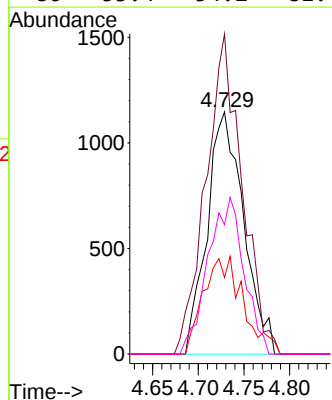
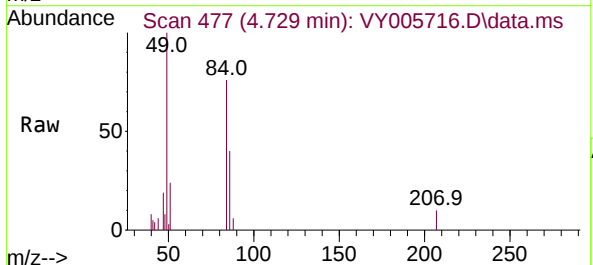
Instrument :
MSVOA_Y
ClientSampled :

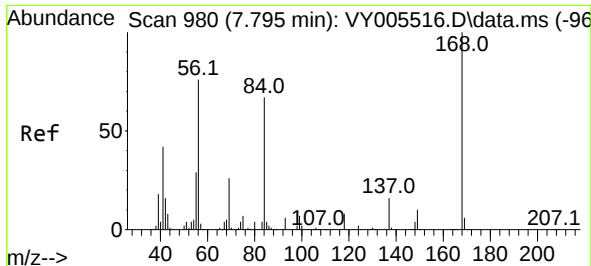
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 23.1 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

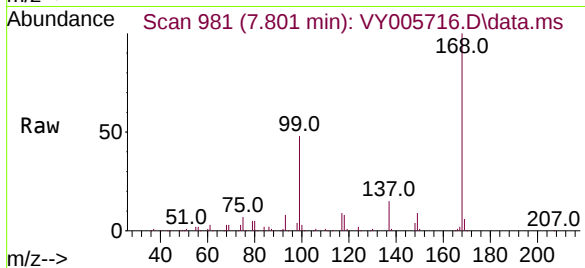
Tgt Ion: 84 Resp: 3184
Ion Ratio Lower Upper
84 100
49 132.2 105.8 158.6
51 31.6 33.4 50.2#
86 53.4 54.2 81.4#



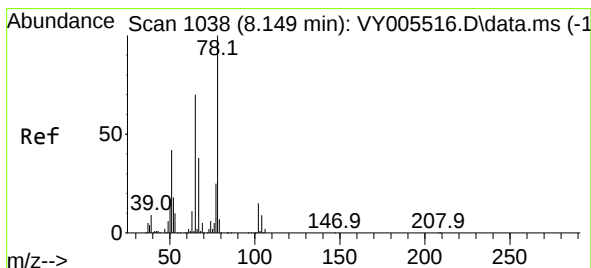
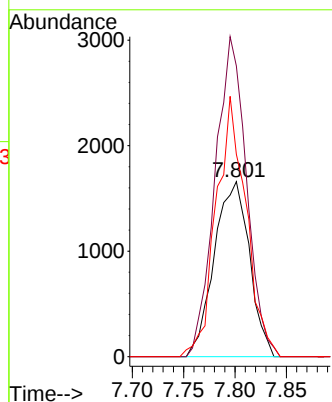
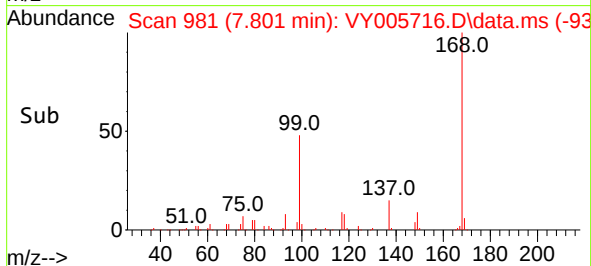


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

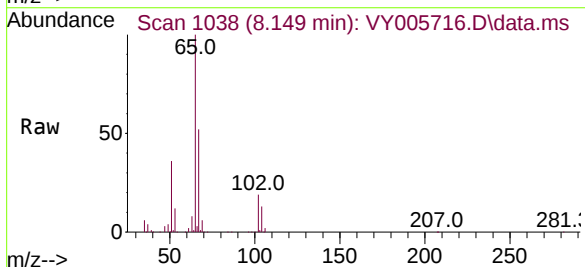
Instrument :
MSVOA_Y
ClientSampled :



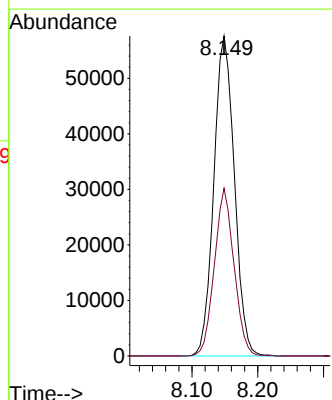
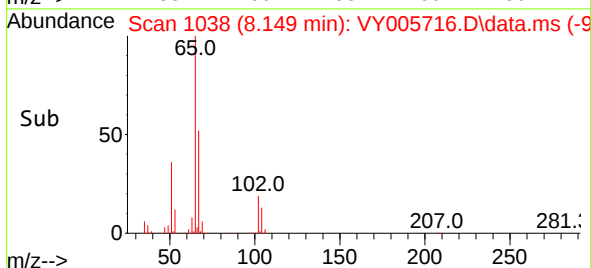
Tgt Ion: 56 Resp: 3949
Ion Ratio Lower Upper
56 100
69 166.1 27.7 41.5#
84 115.7 70.9 106.3#

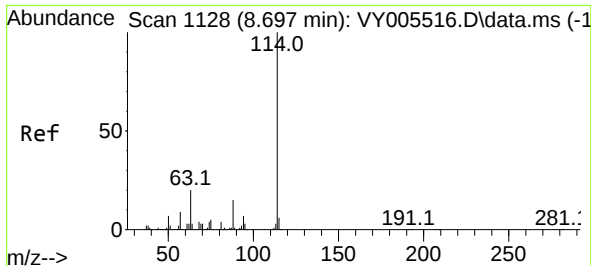


#33
1,2-Dichloroethane-d4
Concen: 63.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07



Tgt Ion: 65 Resp: 125494
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4

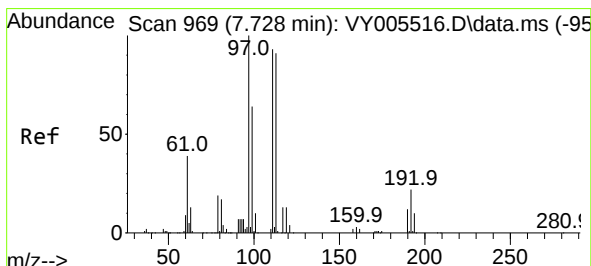
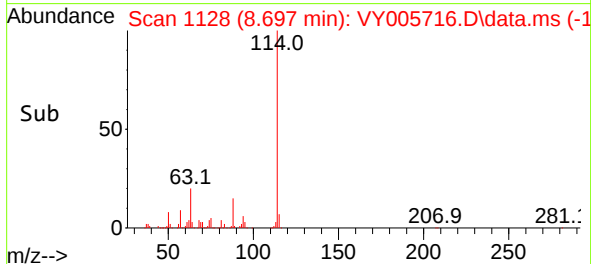
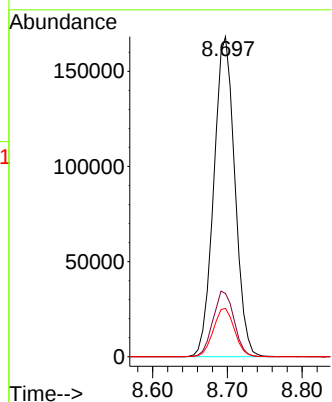
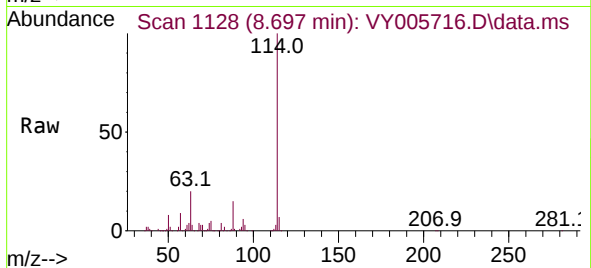




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

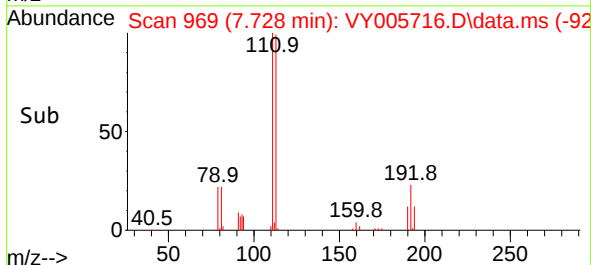
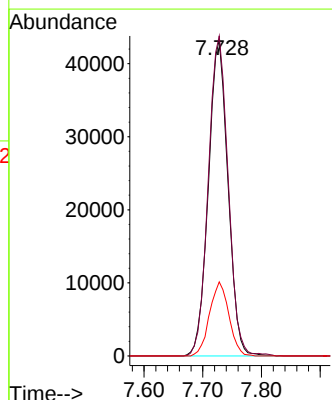
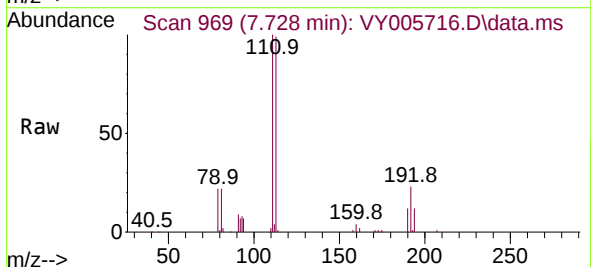
Instrument :
MSVOA_Y
ClientSampleId :

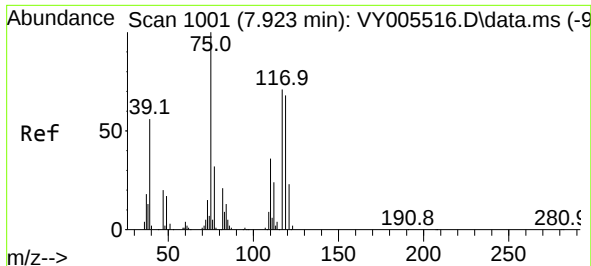
Tgt Ion:114 Resp: 328898
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.413 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Tgt Ion:113 Resp: 100198
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 23.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005716.D

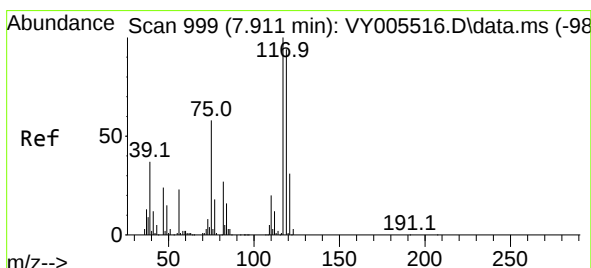
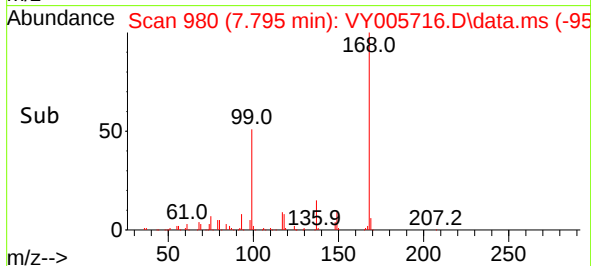
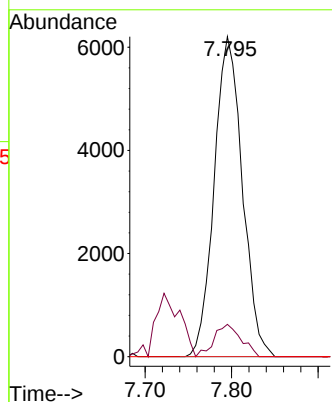
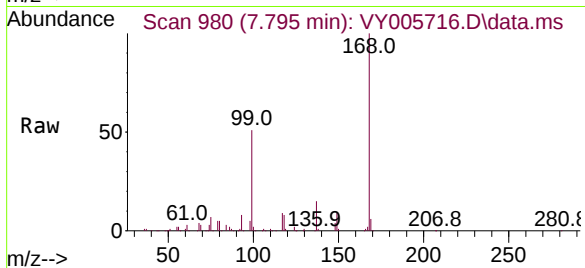
Acq: 17 Aug 2021 17:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14010
Ion Ratio	Lower Upper
75 100	
110 9.1	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.326 ug/l

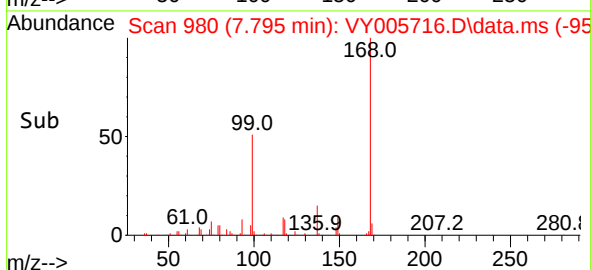
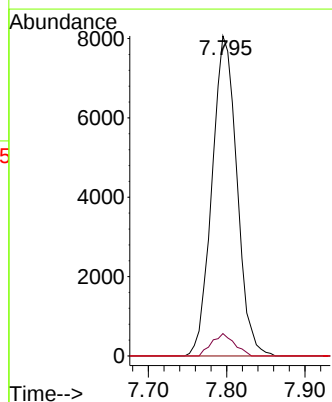
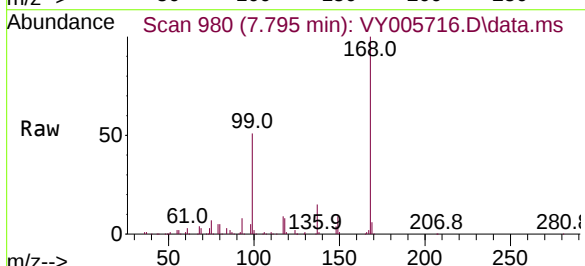
RT: 7.795 min Scan# 980

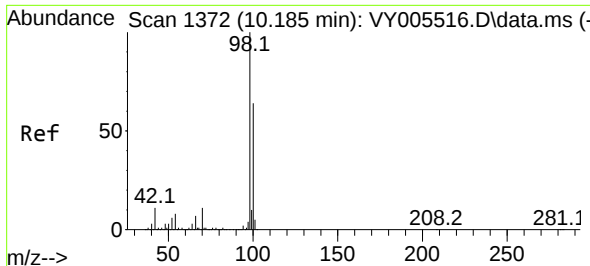
Delta R.T. -0.116 min

Lab File: VY005716.D

Acq: 17 Aug 2021 17:07

Tgt Ion: 117	Resp: 17858
Ion Ratio	Lower Upper
117 100	
119 7.0	75.4 113.0#
121 0.0	25.1 37.7#

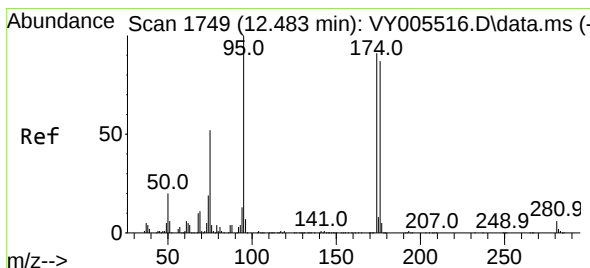
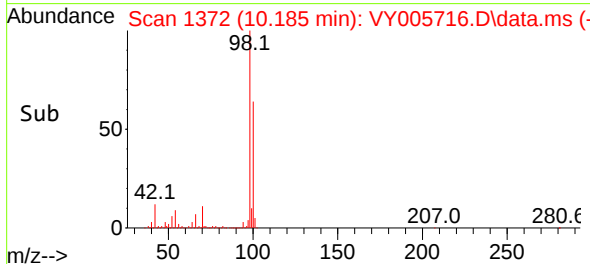
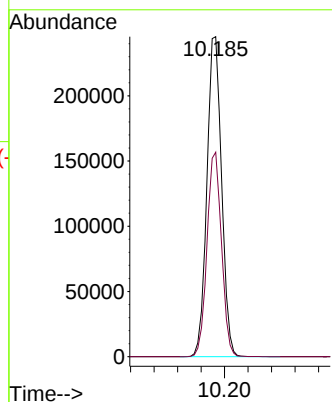
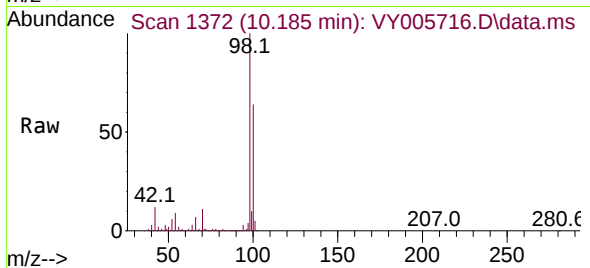




#50
Toluene-d8
Concen: 55.136 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

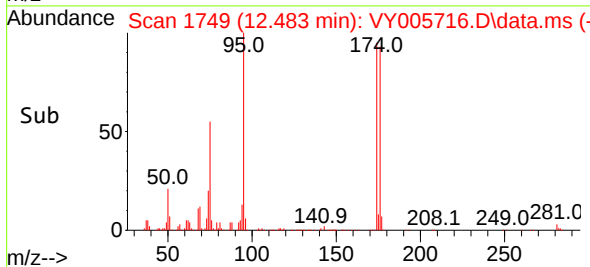
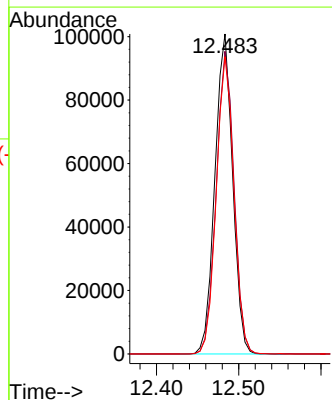
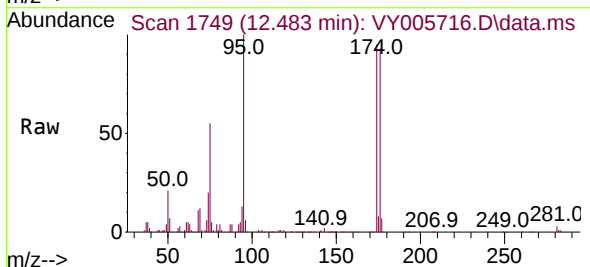
Instrument :
MSVOA_Y
ClientSampleId :

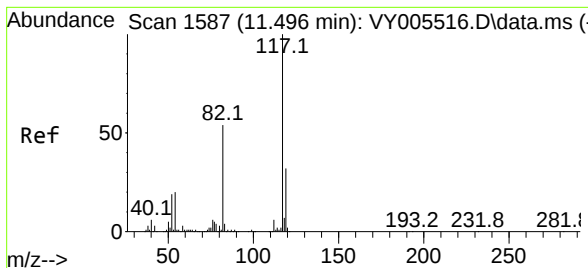
Tgt Ion: 98 Resp: 425806
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Tgt Ion: 95 Resp: 151329
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.4
176 92.1 0.0 183.6

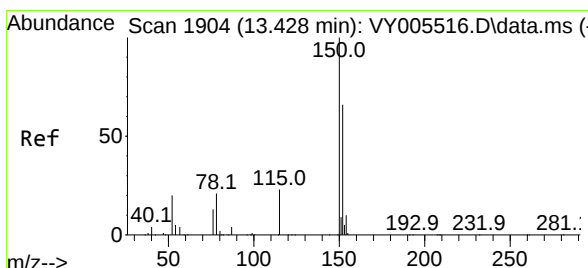
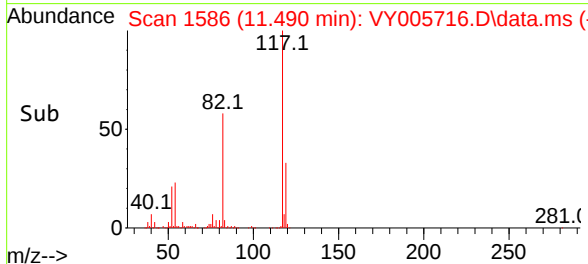
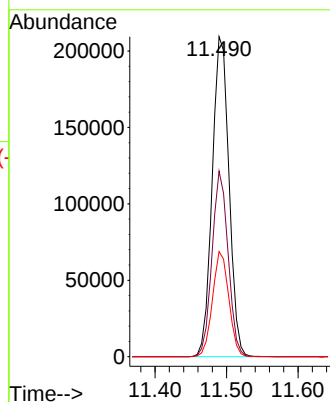
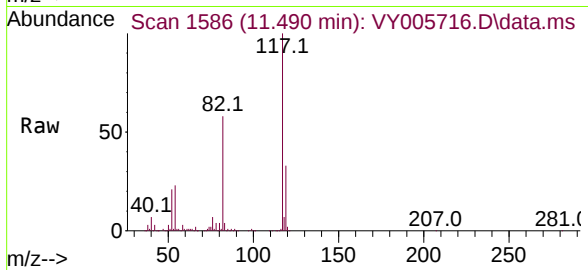




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

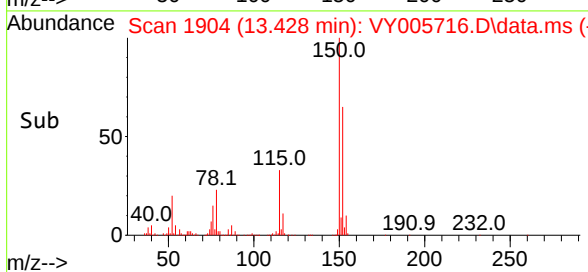
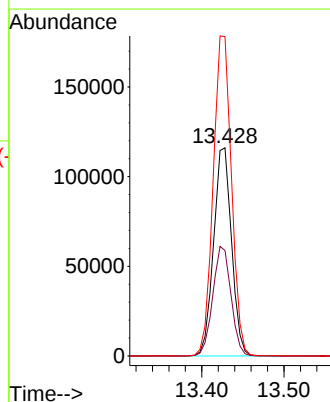
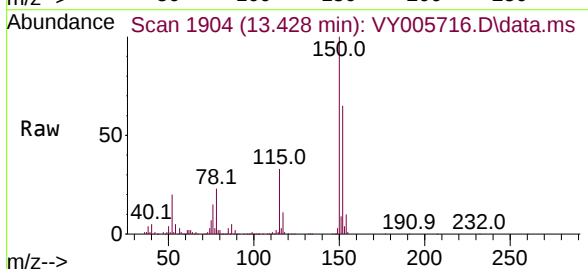
Instrument :
MSVOA_Y
ClientSampled :

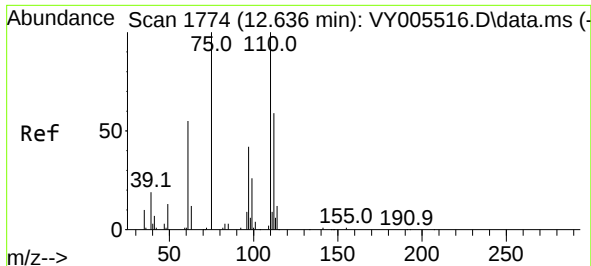
Tgt Ion:117 Resp: 341452
Ion Ratio Lower Upper
117 100
82 58.0 43.5 65.3
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Tgt Ion:152 Resp: 175944
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.9
150 156.5 0.0 350.2

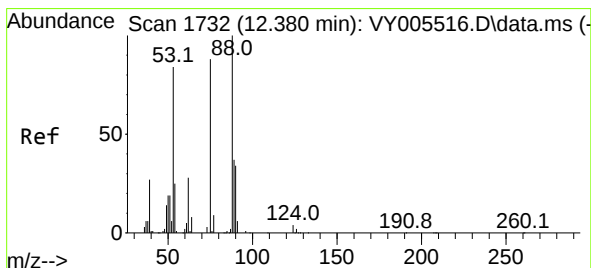
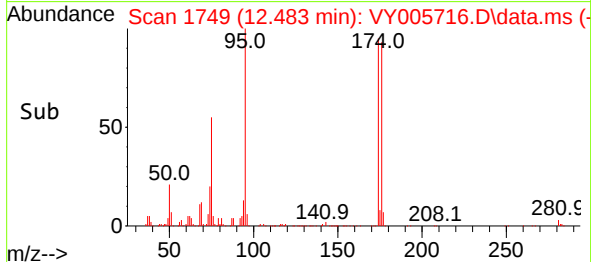
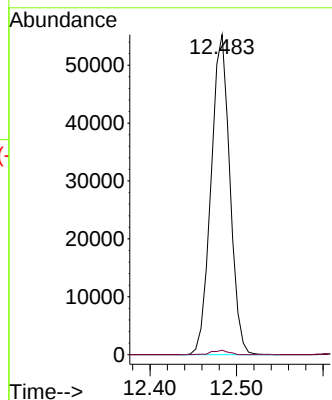
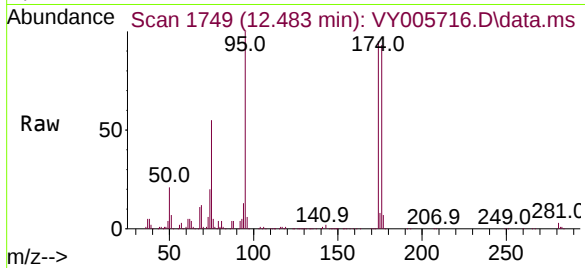




#76
1,2,3-Trichloropropane
Concen: 45.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83382
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005716.D
Acq: 17 Aug 2021 17:07

Tgt Ion: 75 Resp: 83382
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

