

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005539.D
 Acq On : 04 Aug 2021 15:48
 Operator : SY/MD
 Sample : M3291-01
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:40:34 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)

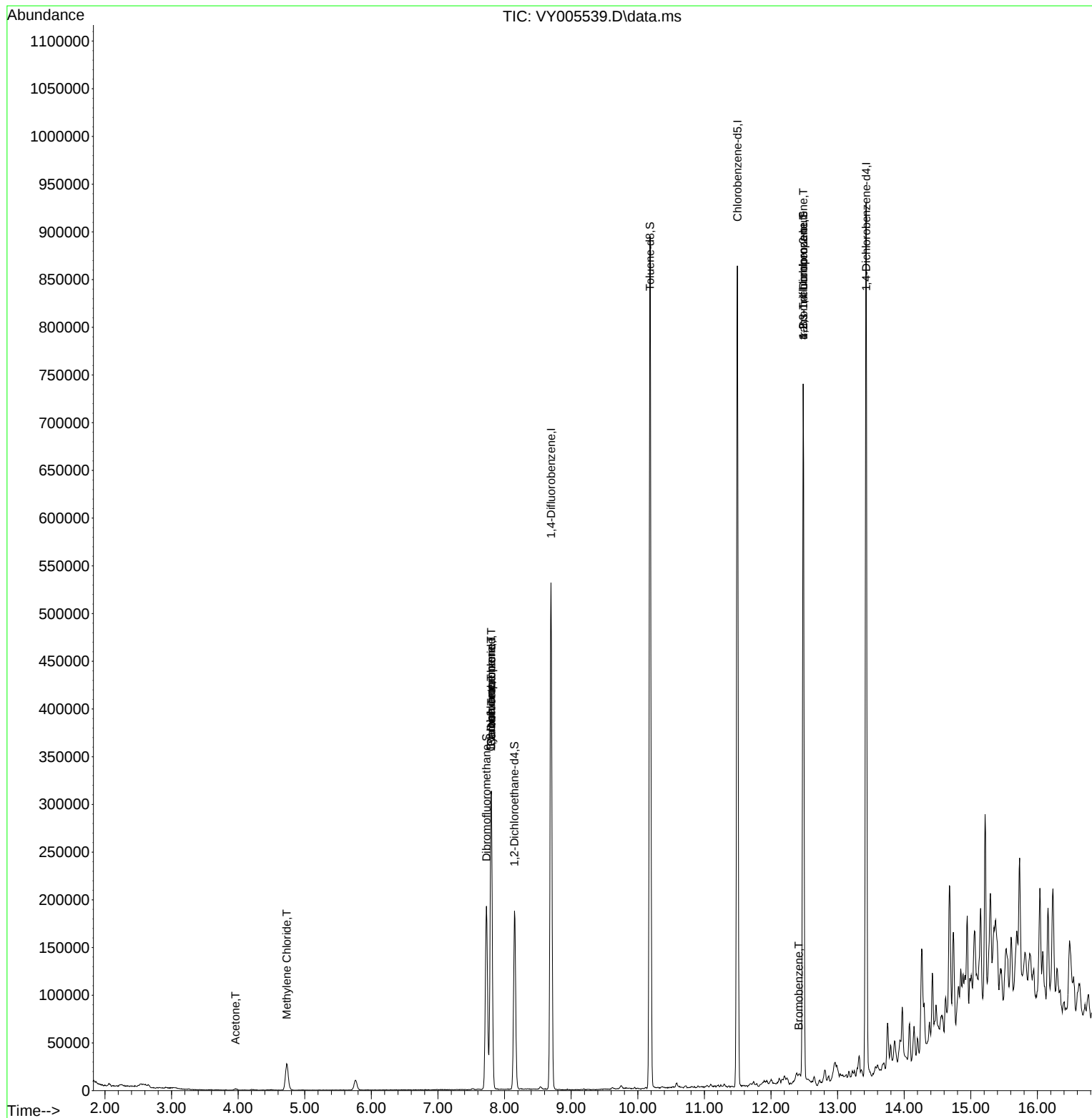
Internal Standards						
1) Pentafluorobenzene	7.801	168	261350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	447563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	454258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	234506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150220	56.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.728	113	131864	52.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.240%	
50) Toluene-d8	10.185	98	571491	54.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	206307	59.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.560%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2252	3.376	ug/l	89
20) Methylene Chloride	4.729	84	20705	2.011	ug/l	98
31) Cyclohexane	7.795	56	4773	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18215	4.339	ug/l #	50
38) Carbon Tetrachloride	7.801	117	23235	5.093	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	113154	46.562	ug/l #	100
77) Bromobenzene	12.416	156	9353	2.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	113154	93.864	ug/l #	11

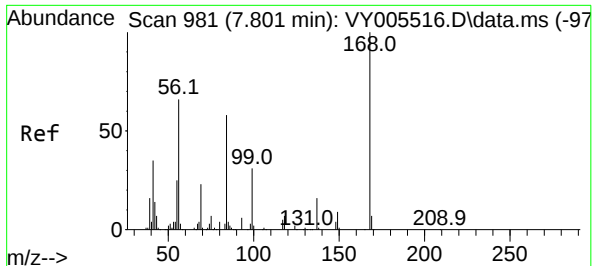
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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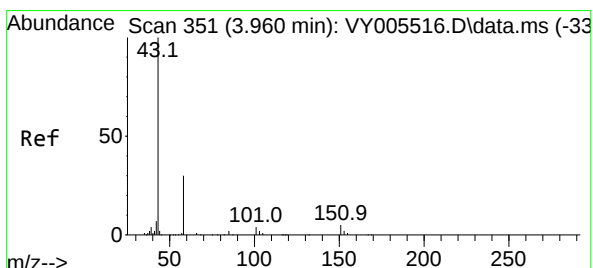
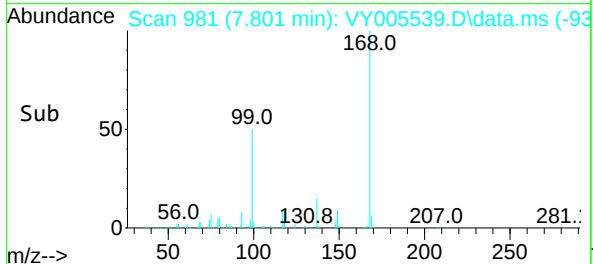
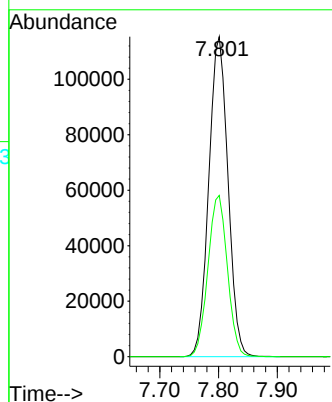
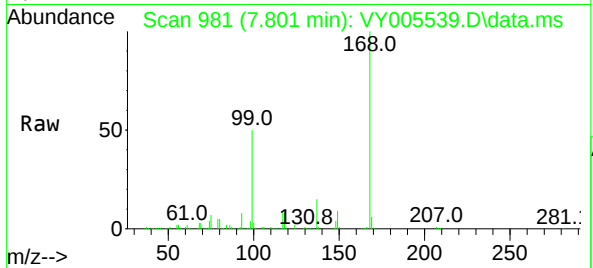




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

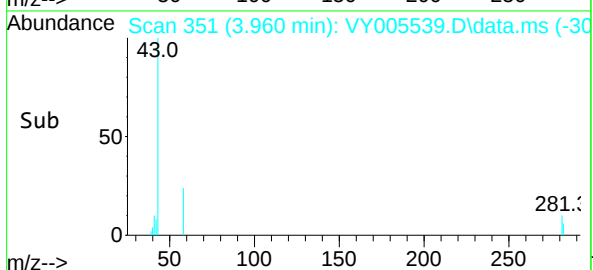
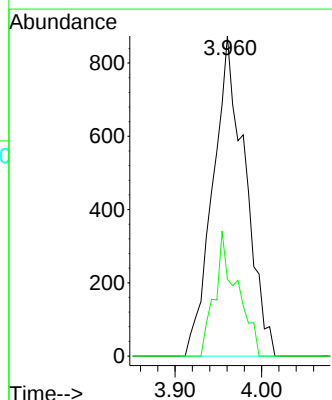
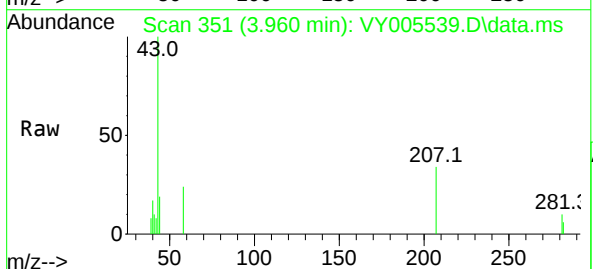
Instrument :
MSVOA_Y
ClientSampleId :

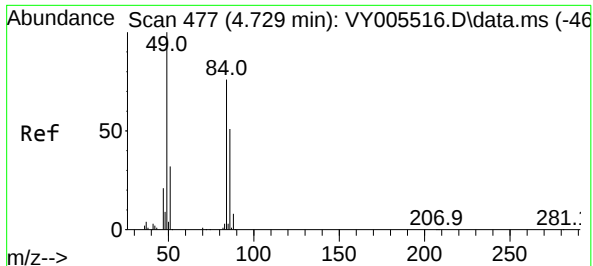
Tgt Ion:168 Resp: 261350
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#16
Acetone
Concen: 3.376 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 24.0 23.8 35.6





#20

Methylene Chloride

Concen: 2.011 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005539.D

Acq: 04 Aug 2021 15:48

Tgt Ion: 84 Resp: 20705

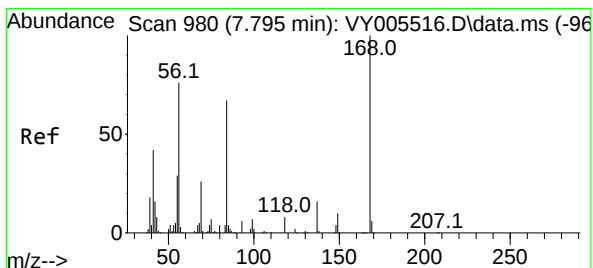
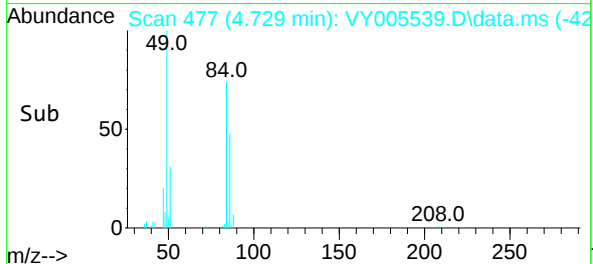
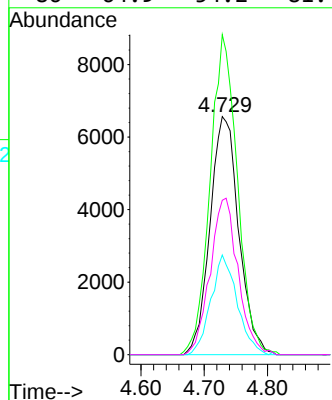
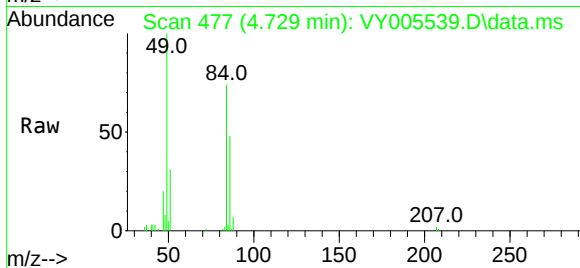
Ion Ratio Lower Upper

84 100

49 134.4 105.8 158.6

51 41.9 33.4 50.2

86 64.9 54.2 81.4



#31

Cyclohexane

Concen: 1.052 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005539.D

Acq: 04 Aug 2021 15:48

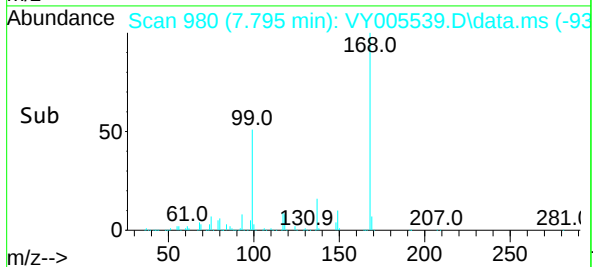
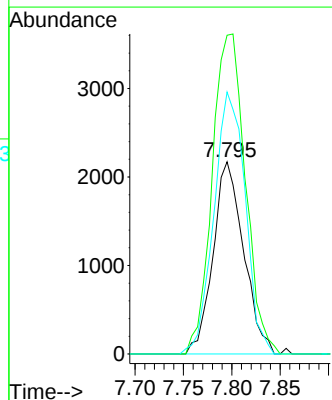
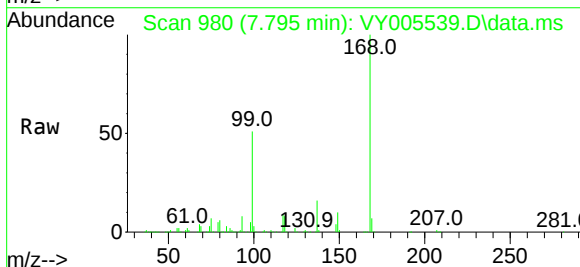
Tgt Ion: 56 Resp: 4773

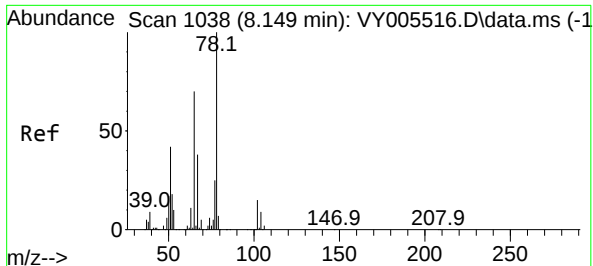
Ion Ratio Lower Upper

56 100

69 165.8 27.7 41.5#

84 140.6 70.9 106.3#

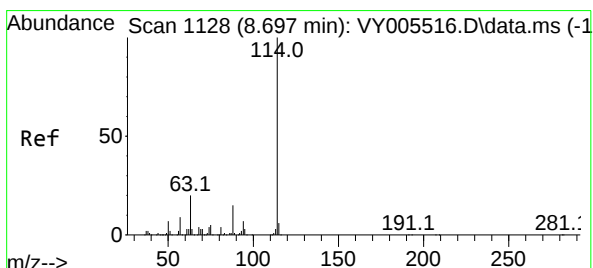
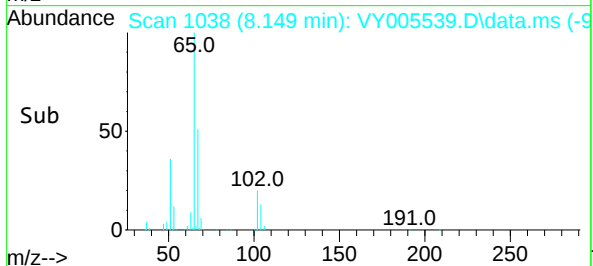
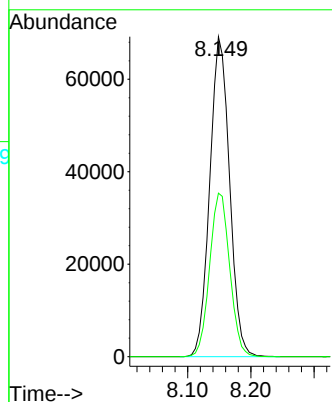
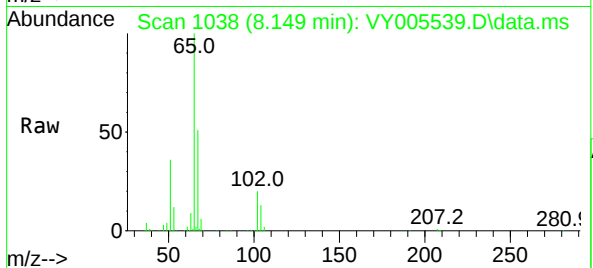




#33
1,2-Dichloroethane-d4
Concen: 56.783 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

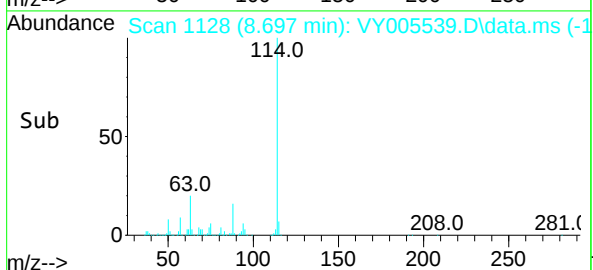
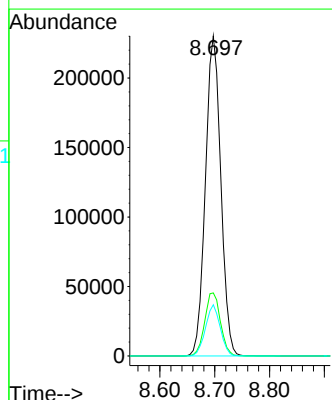
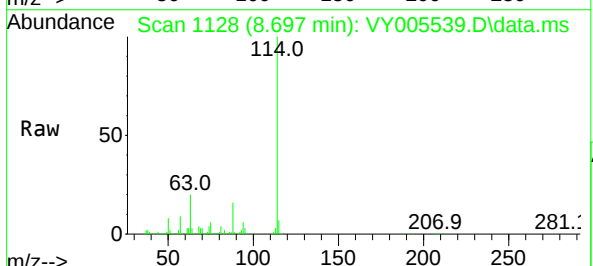
Instrument :
MSVOA_Y
ClientSampleId :

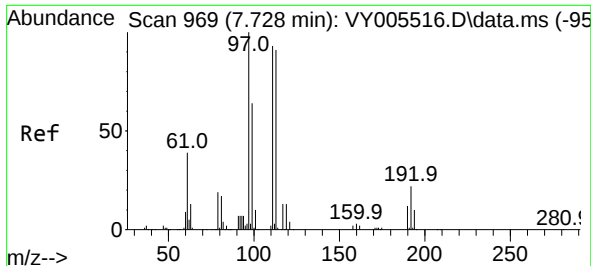
Tgt Ion: 65 Resp: 150220
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 114 Resp: 447563
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 16.0 0.0 30.8

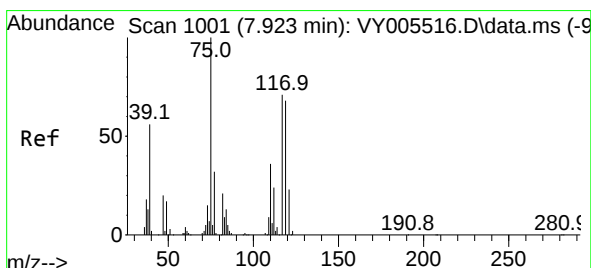
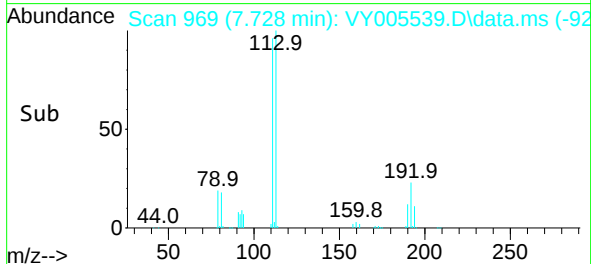
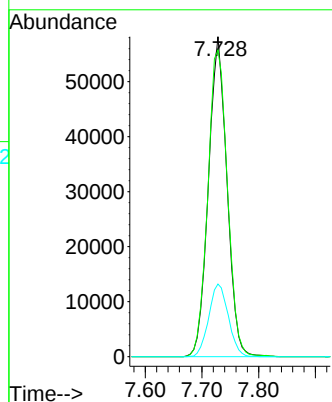
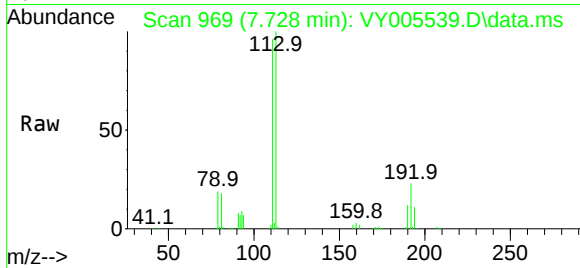




#35
Dibromofluoromethane
Concen: 52.624 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

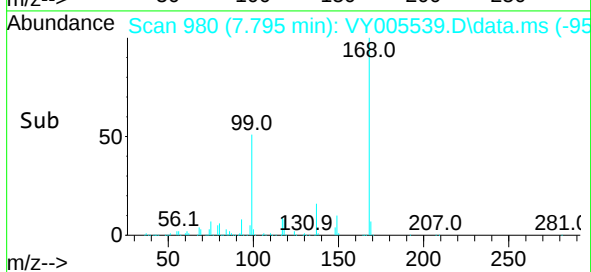
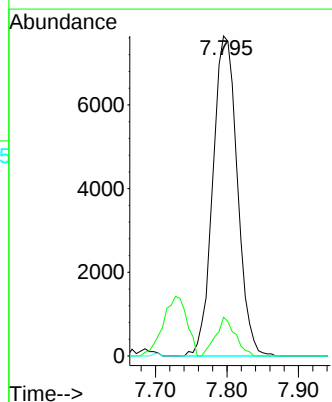
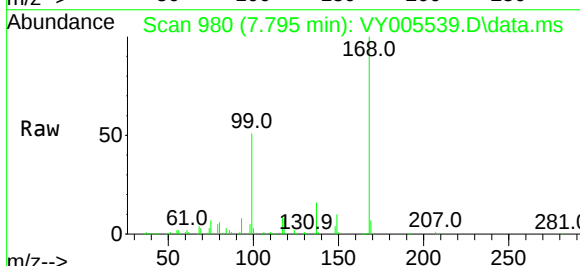
Instrument :
MSVOA_Y
ClientSampleId :

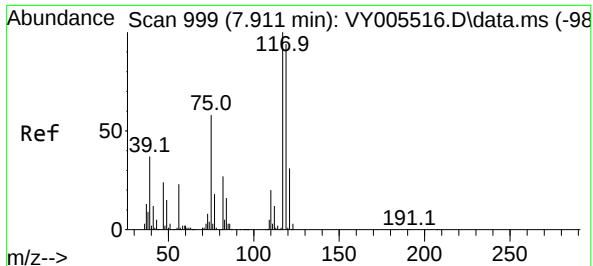
Tgt Ion:113 Resp: 131864
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 75 Resp: 18215
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.0 25.1 37.7#

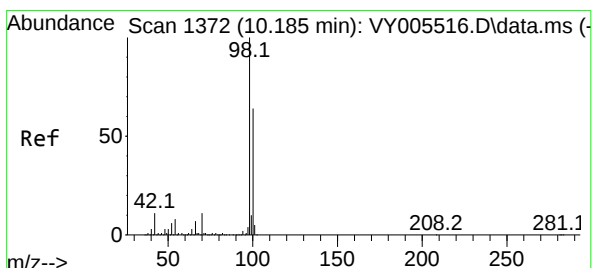
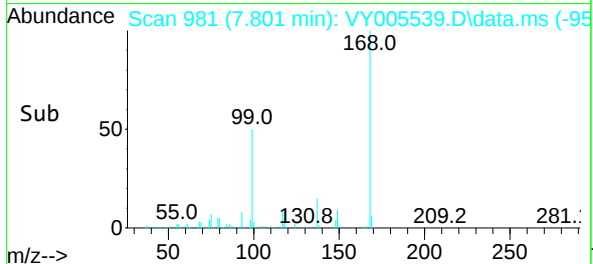
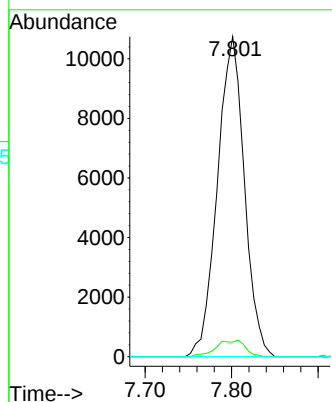
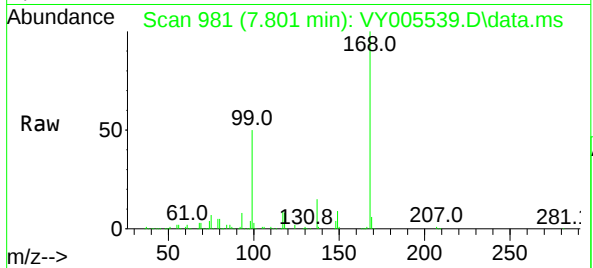




#38
Carbon Tetrachloride
Concen: 5.093 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

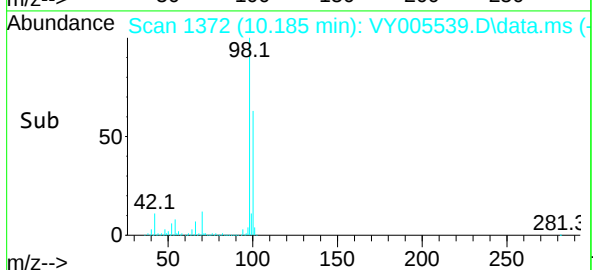
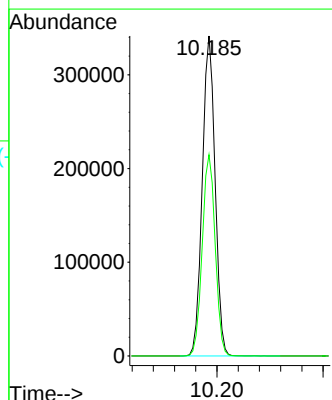
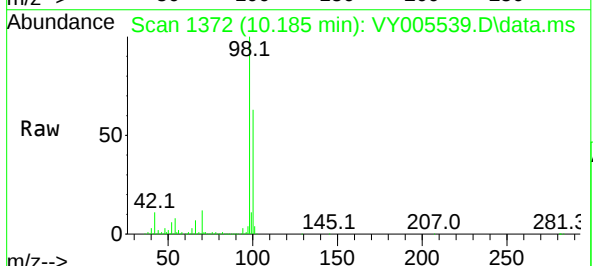
Instrument :
MSVOA_Y
ClientSampled :

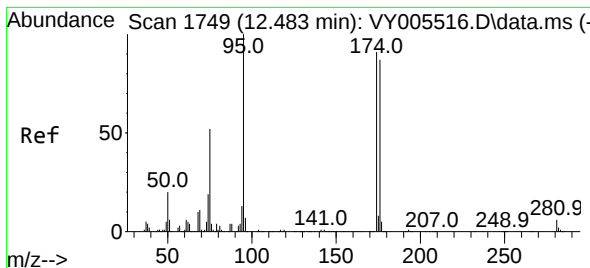
Tgt Ion:117 Resp: 23235
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.380 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 98 Resp: 571491
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

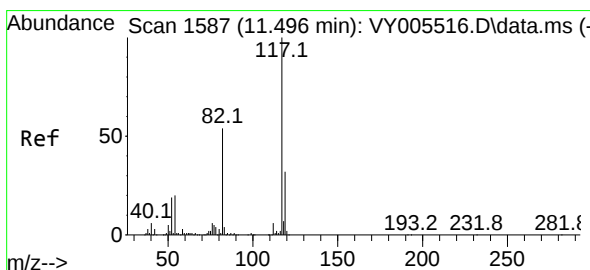
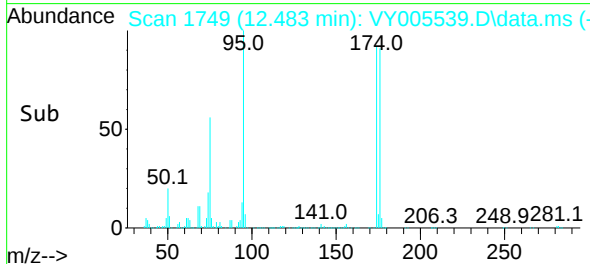
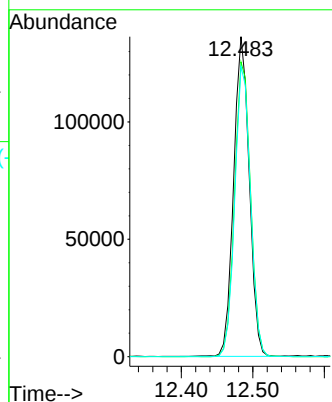
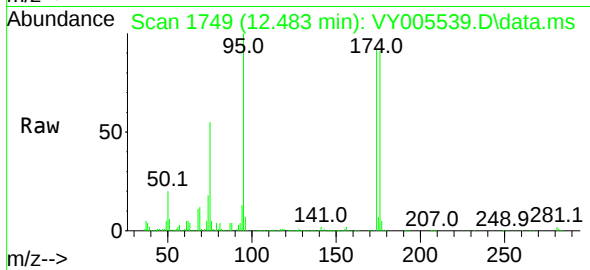




#62
4-Bromofluorobenzene
Concen: 59.282 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

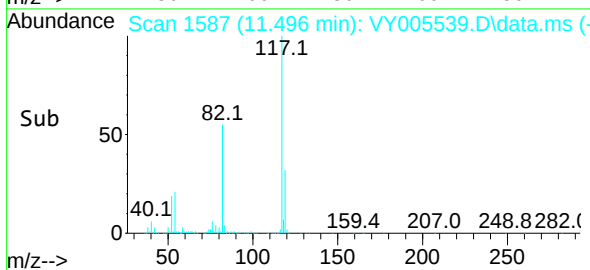
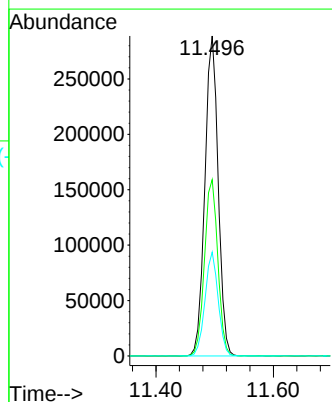
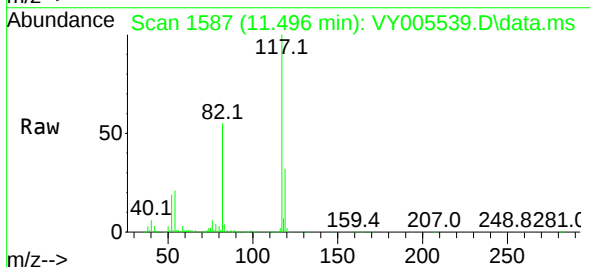
Instrument :
MSVOA_Y
ClientSampled :

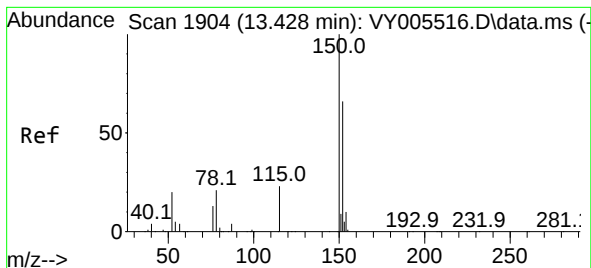
Tgt Ion: 95 Resp: 206307
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.4
176 91.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 117 Resp: 454258
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.4 25.5 38.3

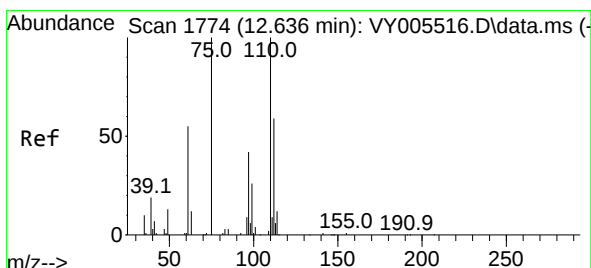
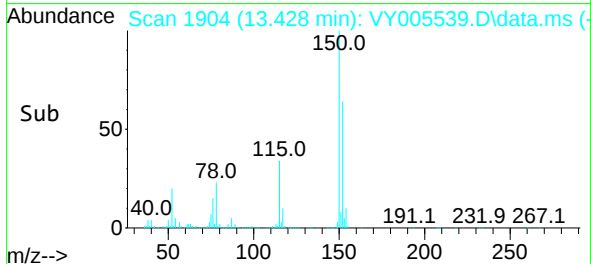
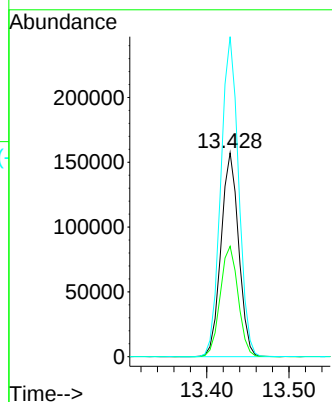
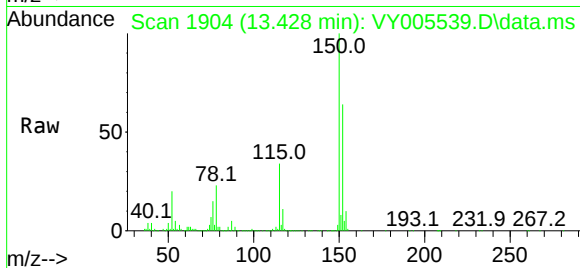




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005539.D
 Acq: 04 Aug 2021 15:48

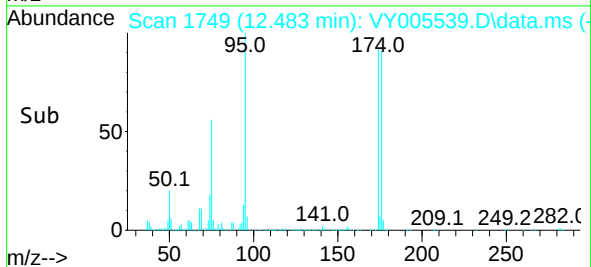
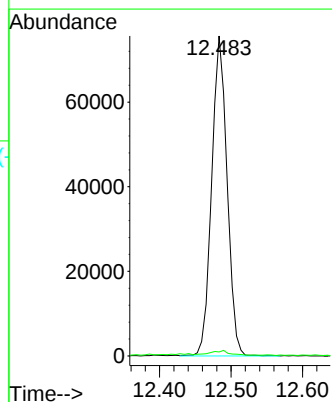
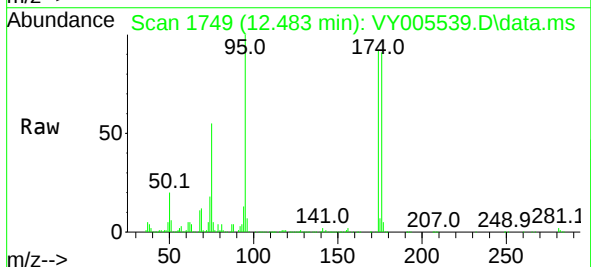
Instrument :
 MSVOA_Y
 ClientSampled :

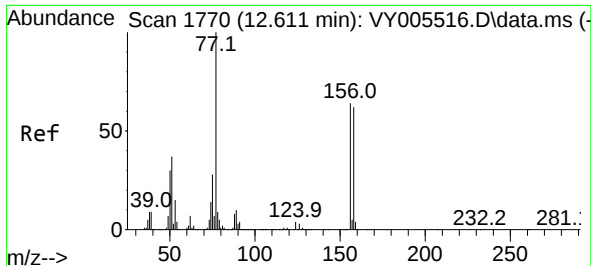
Tgt Ion:152 Resp: 234506
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.3 81.9
 150 158.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.562 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005539.D
 Acq: 04 Aug 2021 15:48

Tgt Ion: 75 Resp: 113154
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

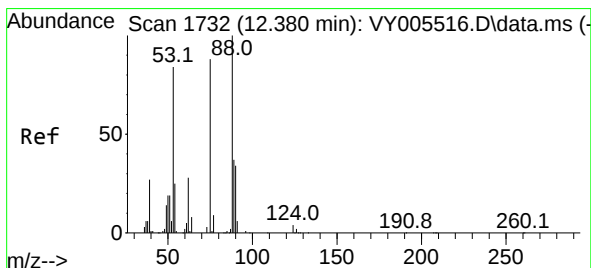
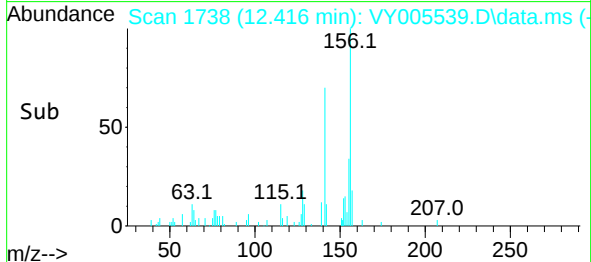
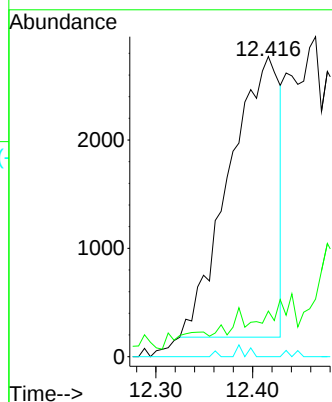
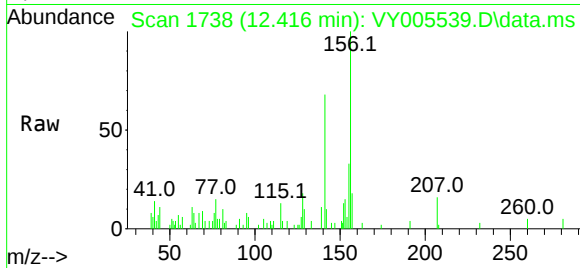




#77
Bromobenzene
Concen: 2.326 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:156 Resp: 9353
Ion Ratio Lower Upper
156 100
77 0.0 85.5 256.5#
158 0.0 48.5 145.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.864 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 75 Resp: 113154
Ion Ratio Lower Upper
75 100
53 0.2 76.7 115.1#
89 0.1 38.4 57.6#

