

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068321.D
 Acq On : 08 Feb 2021 16:46
 Operator : VA/SY
 Sample : M1337-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 00:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

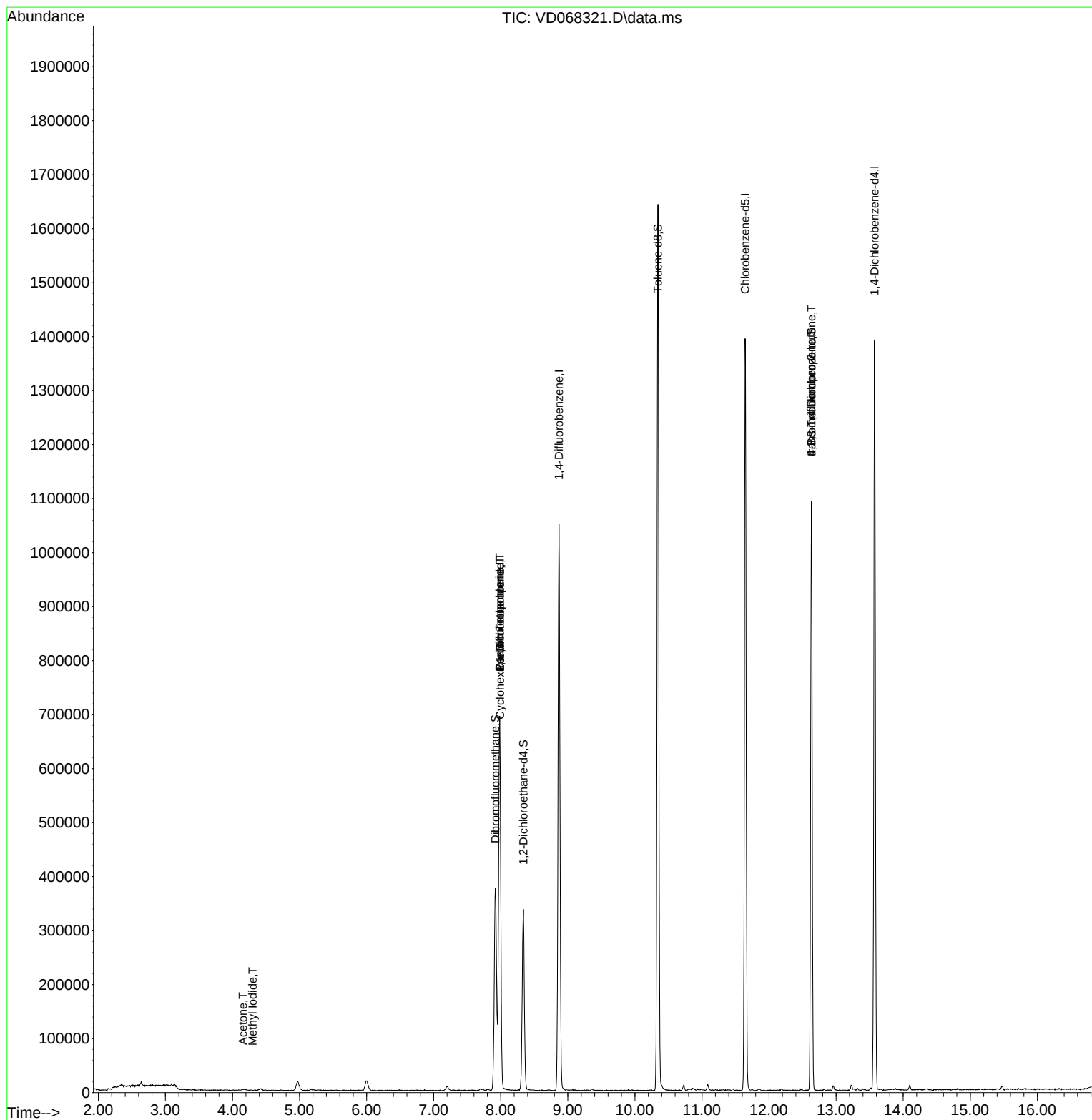
Internal Standards						
1) Pentafluorobenzene	7.985	168	527191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	935118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	849368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	370957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	263922	52.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.66%			
35) Dibromofluoromethane	7.920	113	275672	53.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.64%			
50) Toluene-d8	10.344	98	1157676	55.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.96%			
62) 4-Bromofluorobenzene	12.632	95	362919	48.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.46%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	383	3.22	ug/l #	38
11) Tert butyl alcohol	5.214	59	575	Below Cal	#	74
16) Acetone	4.156	43	1471	1.63	ug/l	96
20) Methylene Chloride	4.973	84	14331	Below Cal		91
31) Cyclohexane	7.991	56	11605	1.06	ug/l #	33
36) 1,1-Dichloropropene	7.985	75	41825	4.44	ug/l #	47
38) Carbon Tetrachloride	7.985	117	52729	5.97	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	185613	51.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	185613	104.72	ug/l #	13

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

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Quant Time: Feb 09 00:16:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

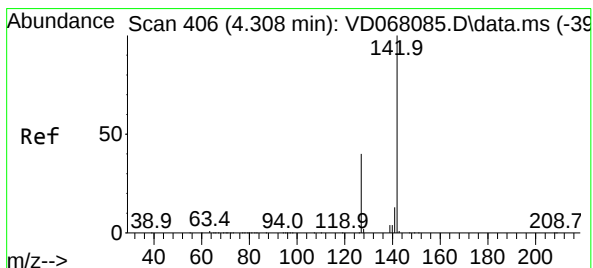
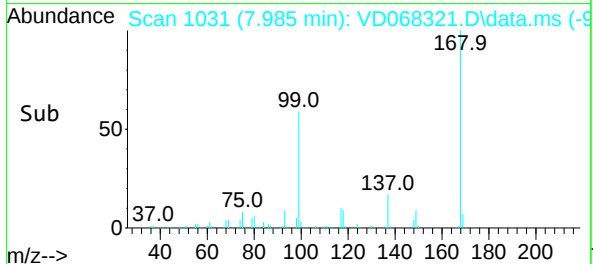
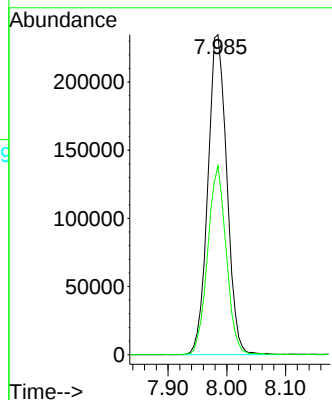
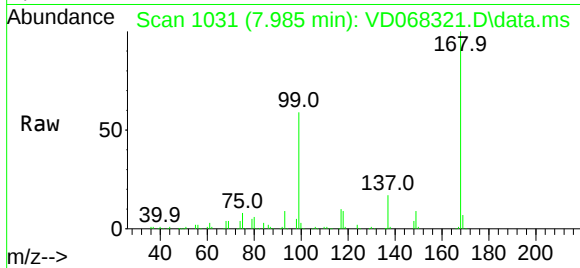




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

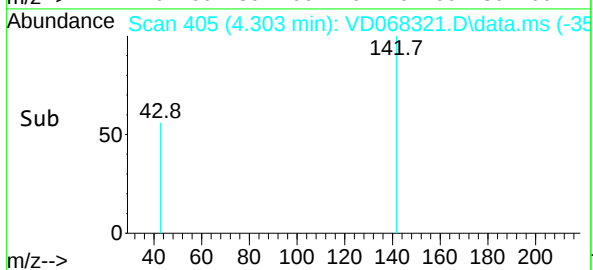
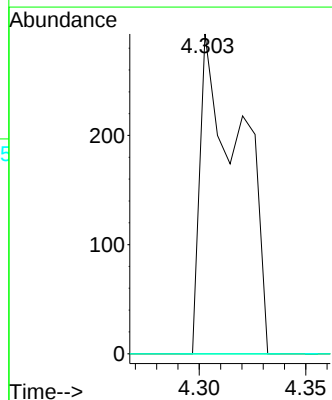
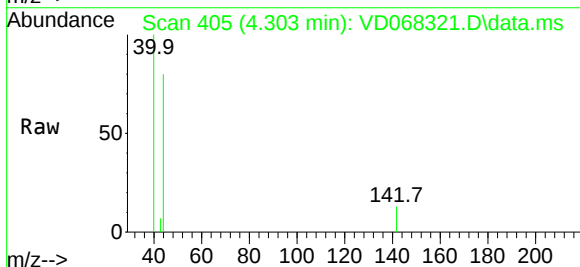
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 527191
Ion Ratio Lower Upper
168 100
99 59.0 43.5 65.3



#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

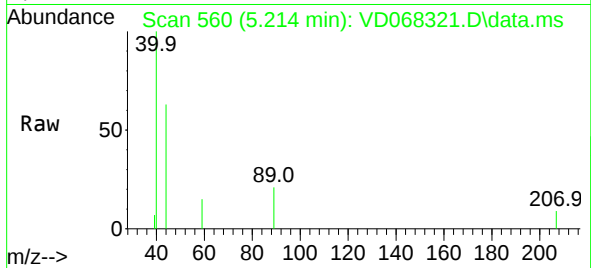
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



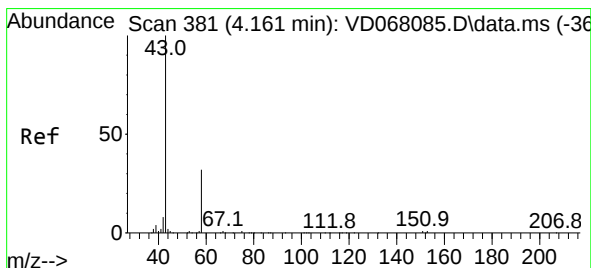
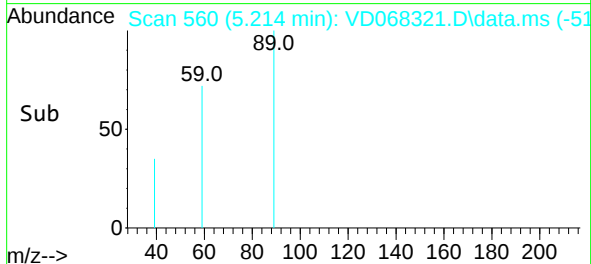
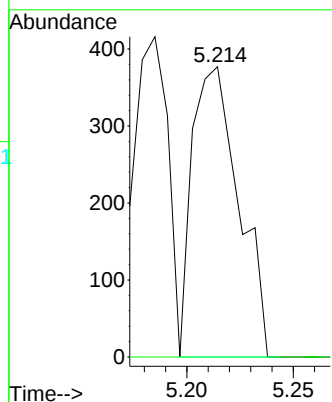


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :

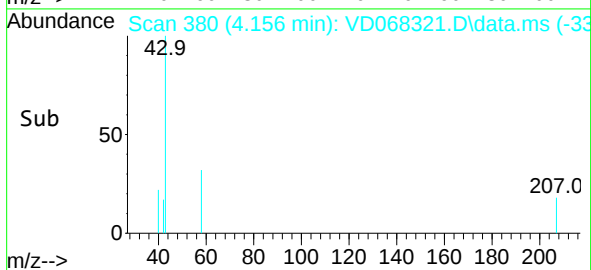
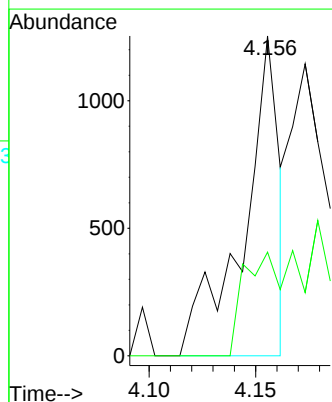
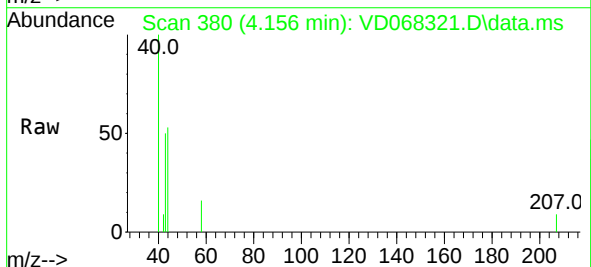


Tgt Ion: 59 Resp: 575
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.63 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4



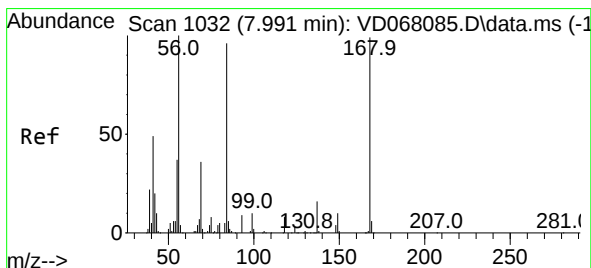
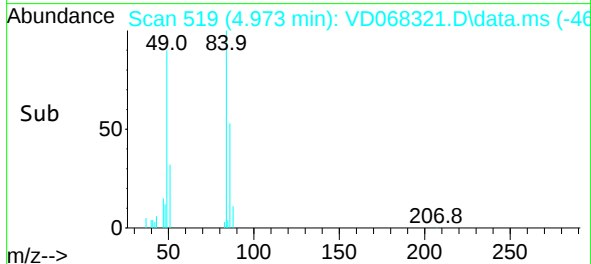
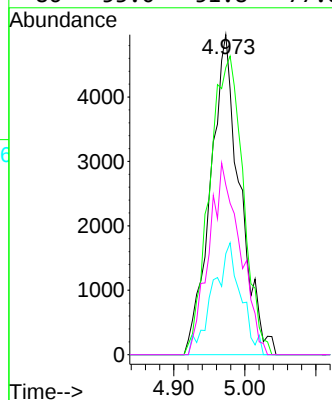
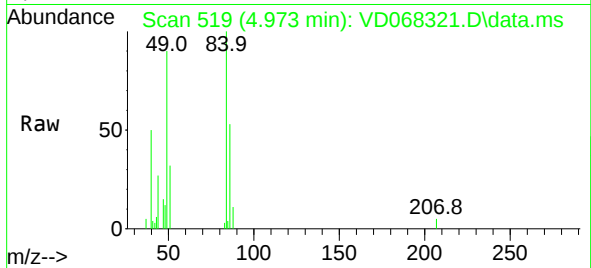


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 14331

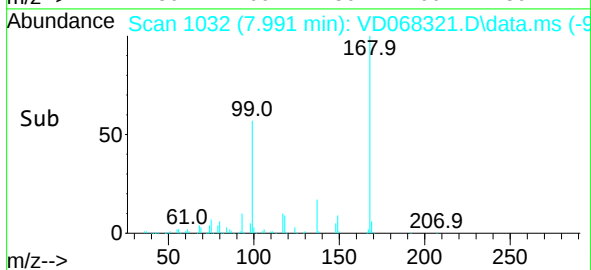
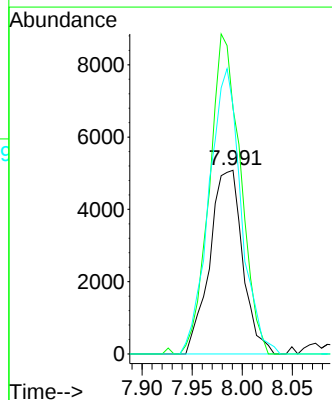
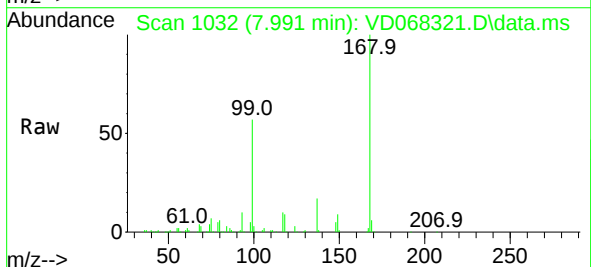
Ion	Ratio	Lower	Upper
84	100		
49	89.7	77.4	116.2
51	31.6	26.1	39.1
86	53.0	51.8	77.8

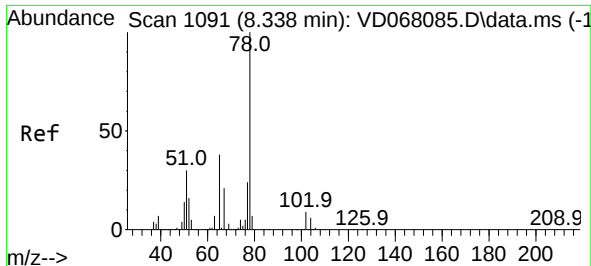


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 56 Resp: 11605

Ion	Ratio	Lower	Upper
56	100		
69	133.7	30.1	45.1#
84	135.2	82.1	123.1#

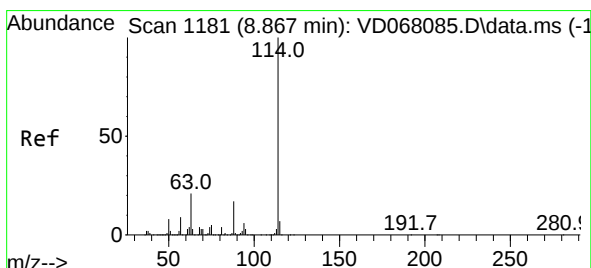
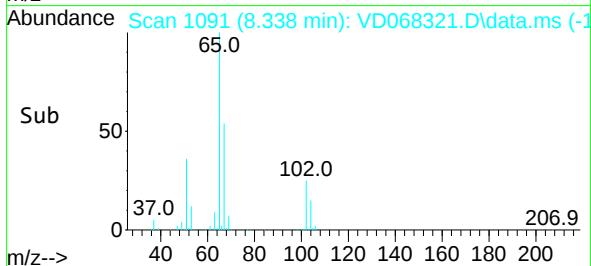
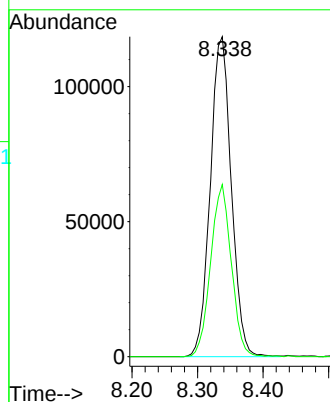
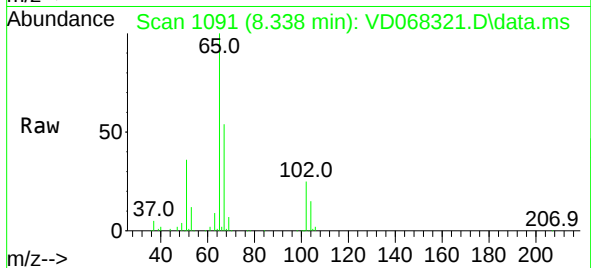




#33
1,2-Dichloroethane-d4
Concen: 52.33 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

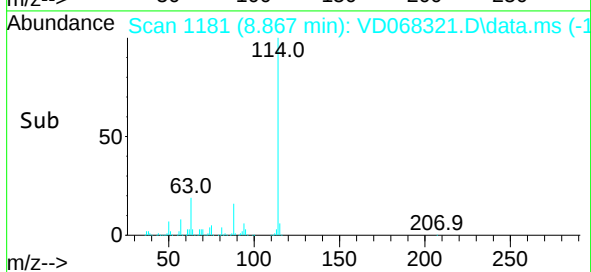
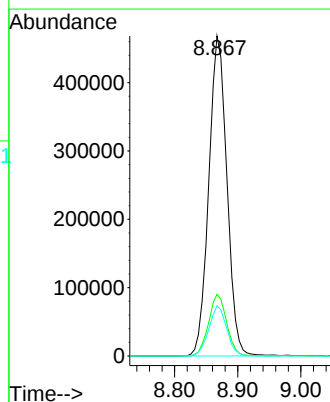
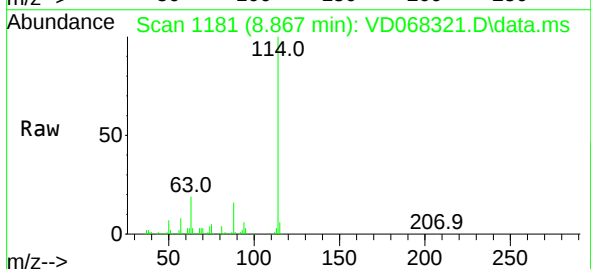
Instrument :
MSVOA_D
ClientSampled :

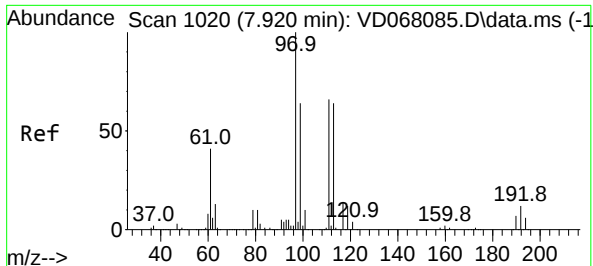
Tgt Ion: 65 Resp: 263922
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 114 Resp: 935118
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.32 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068321.D

Acq: 08 Feb 2021 16:46

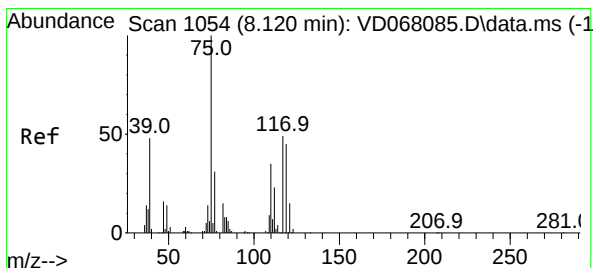
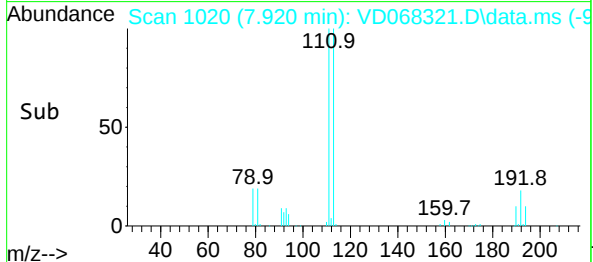
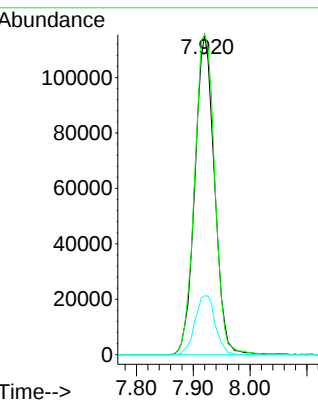
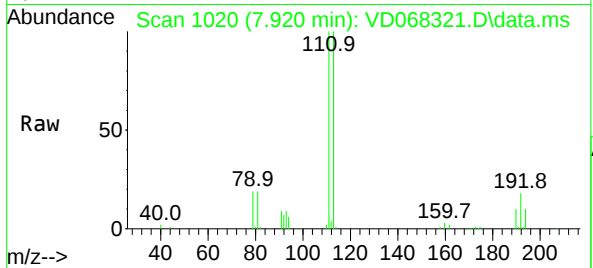
Tgt Ion:113 Resp: 275672

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 19.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068321.D

Acq: 08 Feb 2021 16:46

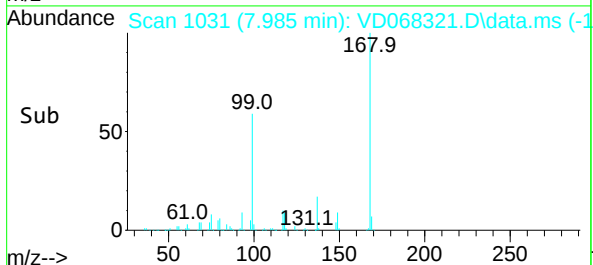
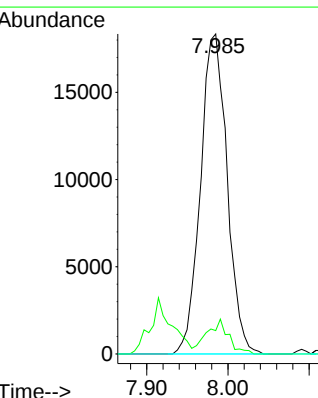
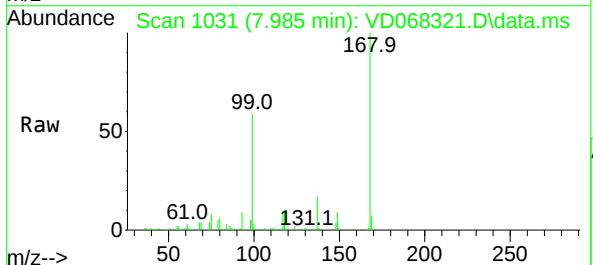
Tgt Ion: 75 Resp: 41825

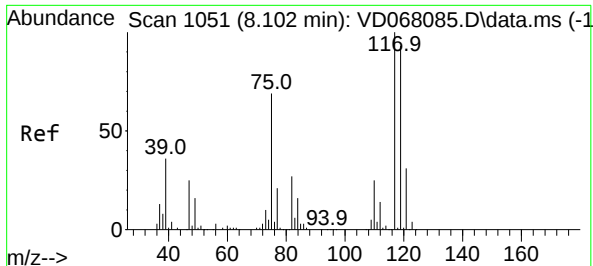
Ion Ratio Lower Upper

75 100

110 8.9 19.4 58.2#

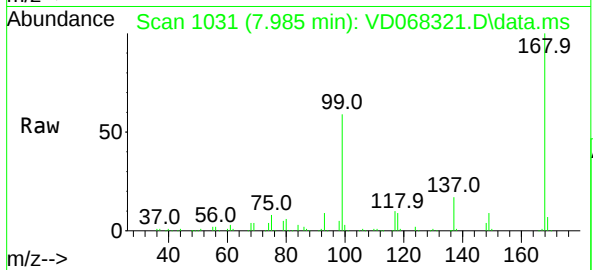
77 0.0 25.3 37.9#



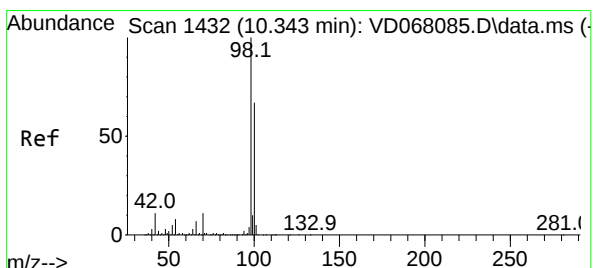
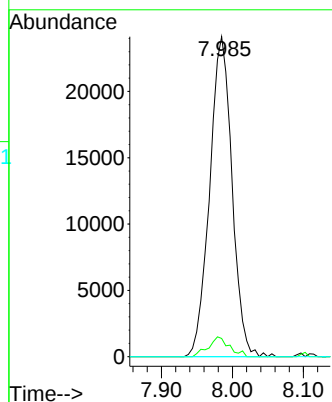
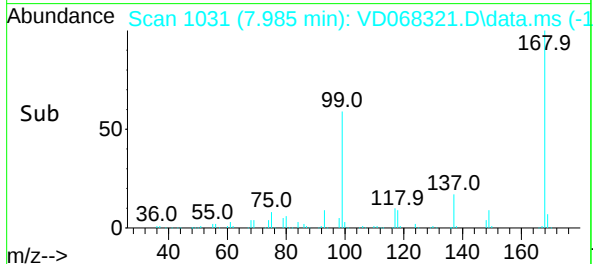


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

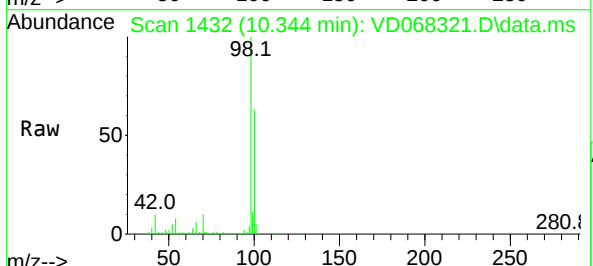
Instrument :
MSVOA_D
ClientSampled :



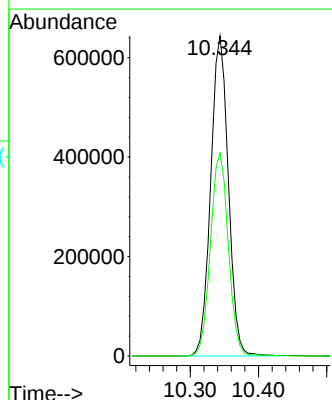
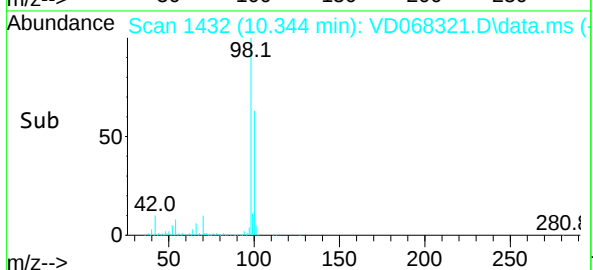
Tgt Ion:117 Resp: 52729
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#

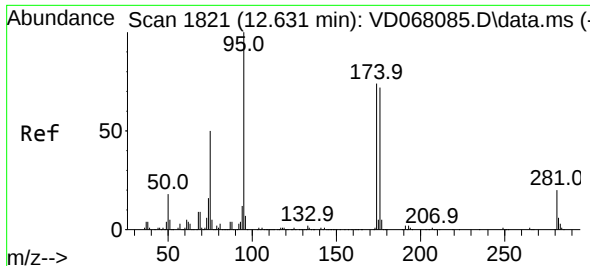


#50
Toluene-d8
Concen: 55.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46



Tgt Ion: 98 Resp: 1157676
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4

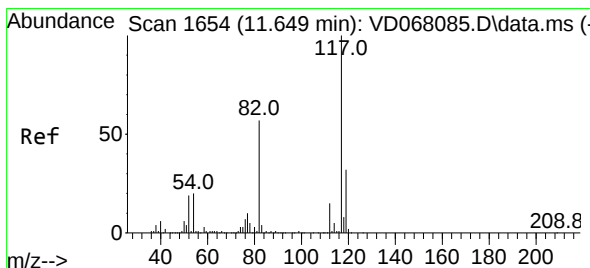
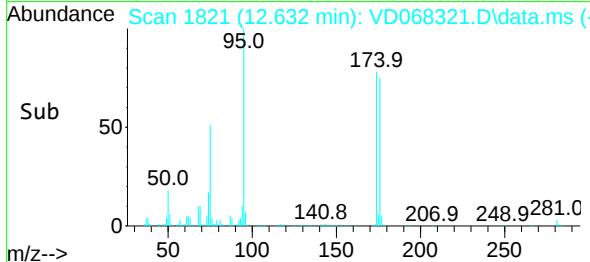
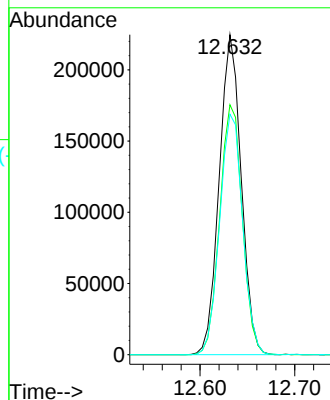
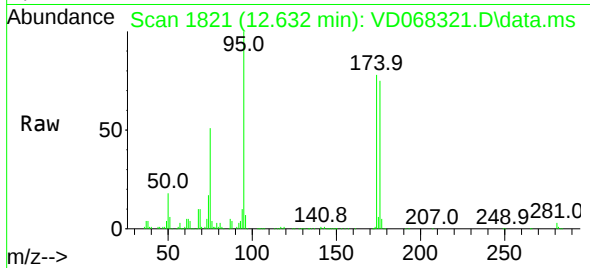




#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

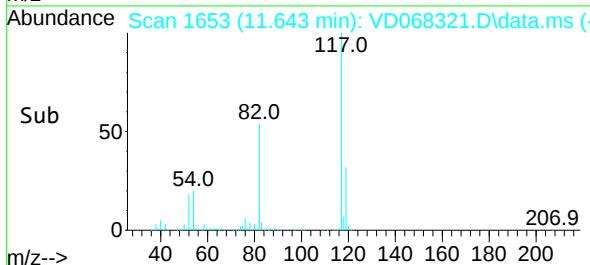
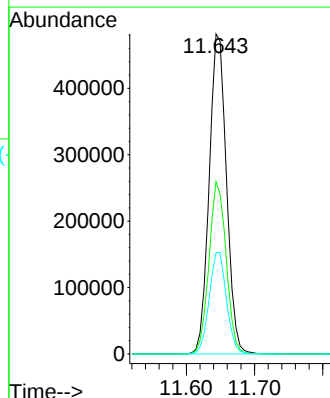
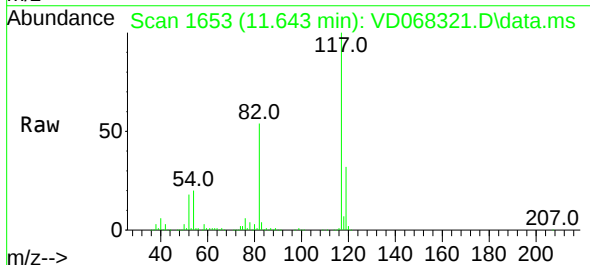
Instrument :
MSVOA_D
ClientSampleId :

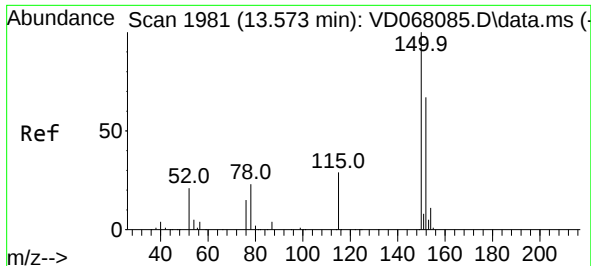
Tgt Ion: 95 Resp: 362919
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 78.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

Tgt Ion: 117 Resp: 849368
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 31.7 26.1 39.1

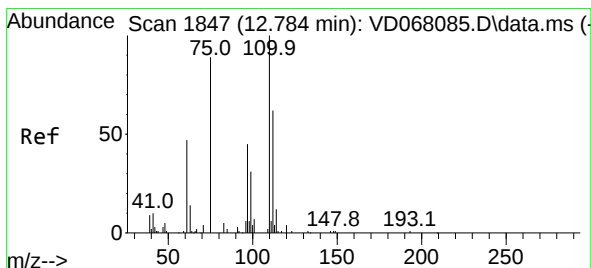
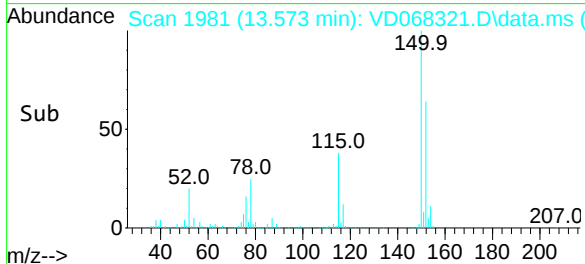
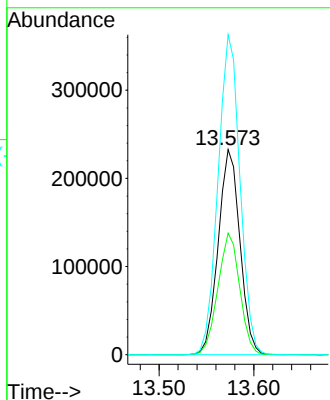
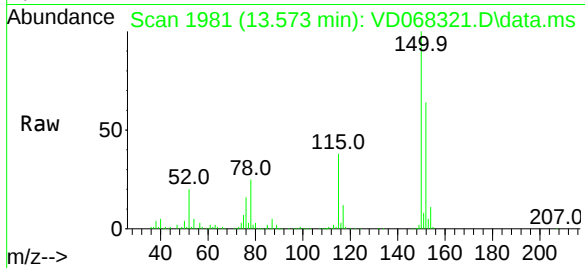




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

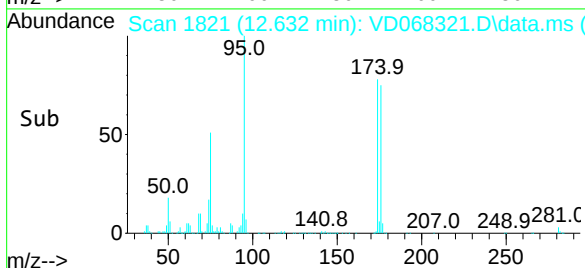
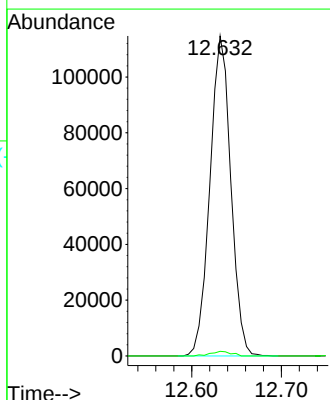
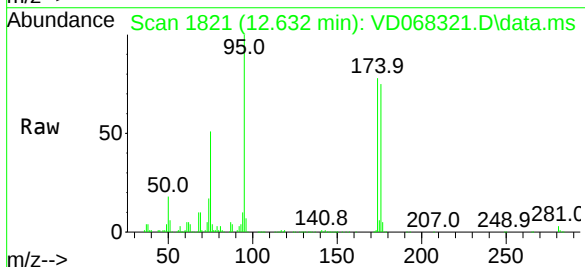
Instrument :
MSVOA_D
ClientSampleId :

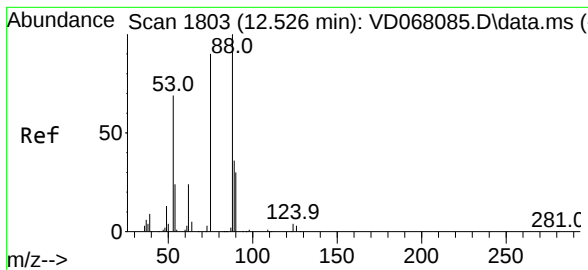
Tgt Ion:152 Resp: 370957
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 157.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068321.D
Acq: 08 Feb 2021 16:46

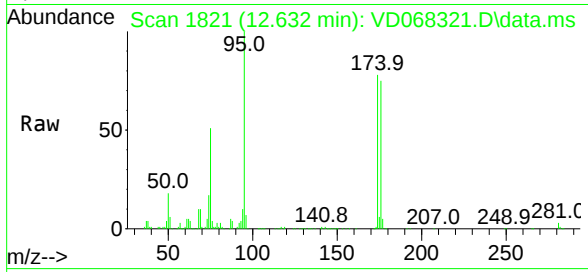
Tgt Ion: 75 Resp: 185613
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.72 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068321.D
 Acq: 08 Feb 2021 16:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 185613
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

