

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068819.D
 Acq On : 09 Apr 2021 18:39
 Operator : VA/SY
 Sample : M1979-05RE
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

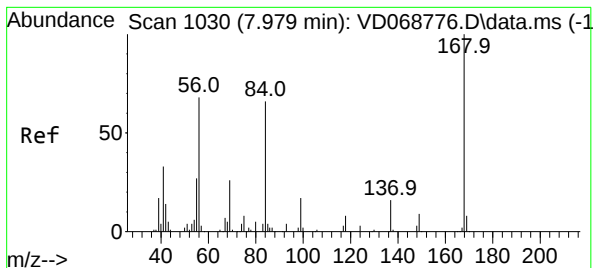
Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Apr 10 00:45:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	452869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	773090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	420521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193651	40.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.92%		
35) Dibromofluoromethane	7.914	113	238233	46.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.26%		
50) Toluene-d8	10.344	98	936753	48.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.22%		
62) 4-Bromofluorobenzene	12.626	95	387862	60.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.20%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	330	2.30	ug/l #	41
11) Tert butyl alcohol	5.220	59	200	Below Cal	#	73
16) Acetone	4.173	43	7054	10.64	ug/l #	69
20) Methylene Chloride	4.962	84	23690	Below Cal		92
31) Cyclohexane	7.985	56	9624	1.21	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	32442	4.08	ug/l #	49
38) Carbon Tetrachloride	7.985	117	43779	5.56	ug/l #	16
51) 4-Methyl-2-Pentanone	10.273	43	3505	1.46	ug/l #	60
59) 2-Hexanone	10.955	43	5091	3.17	ug/l #	21
74) N-amyl acetate	12.261	43	8183	1.57	ug/l #	57
76) 1,2,3-Trichloropropane	12.632	75	189136	49.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	189136	114.25	ug/l #	16

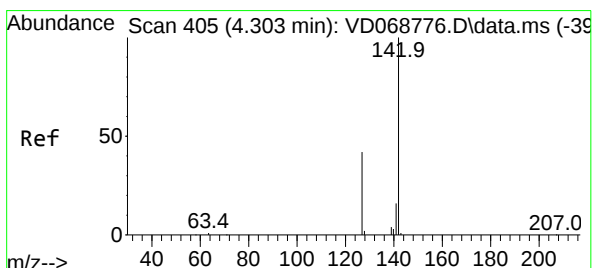
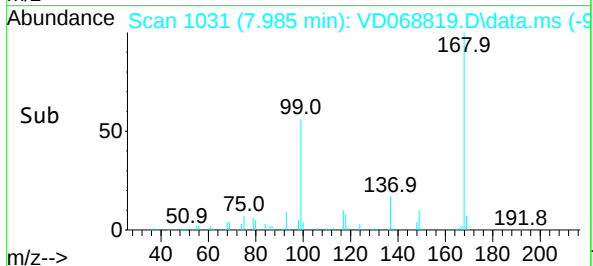
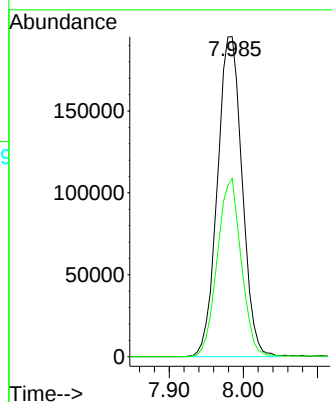
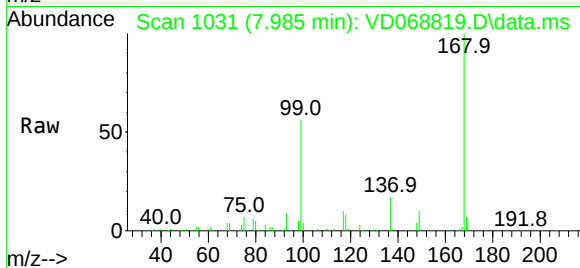
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068819.D
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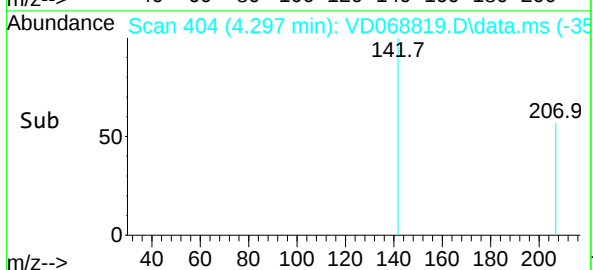
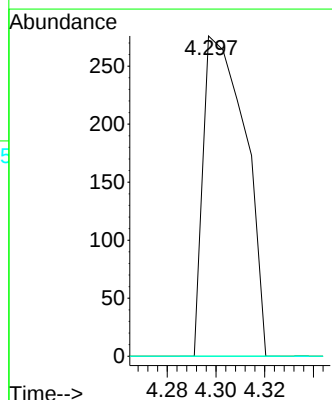
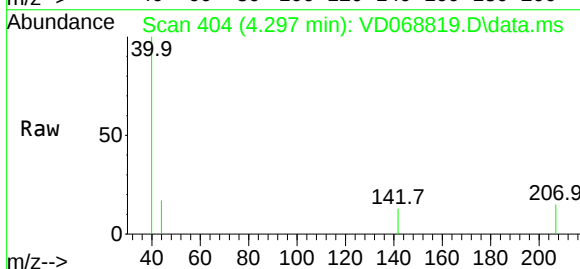
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MSVOA_D
ClientSampleId :
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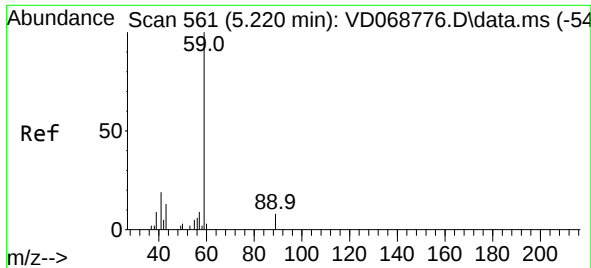
Tgt Ion:168 Resp: 452869
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

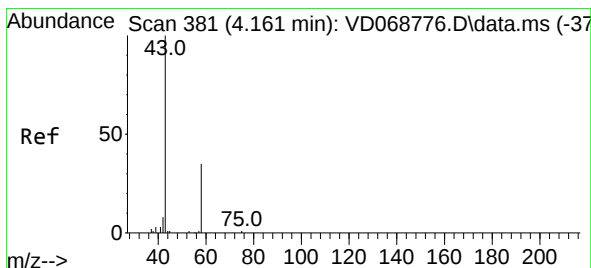
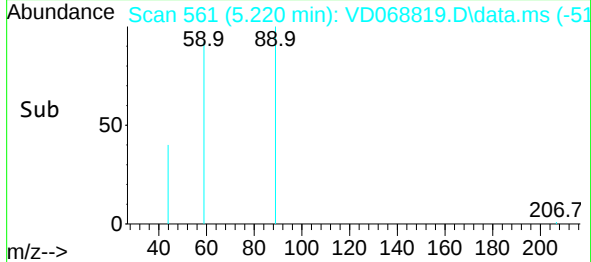
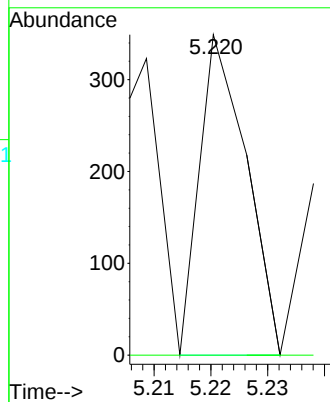
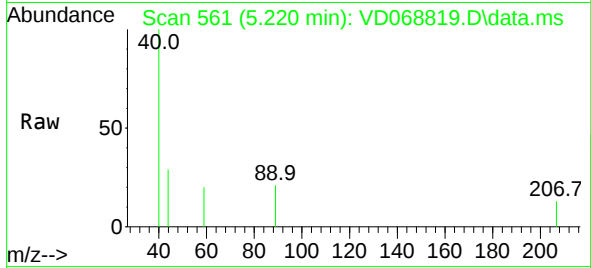




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

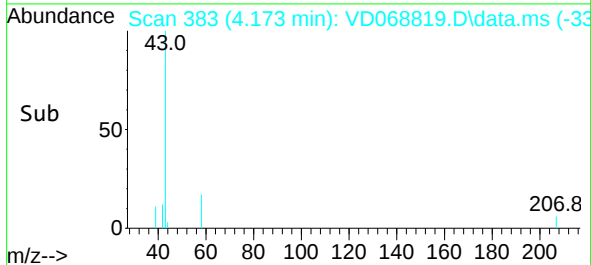
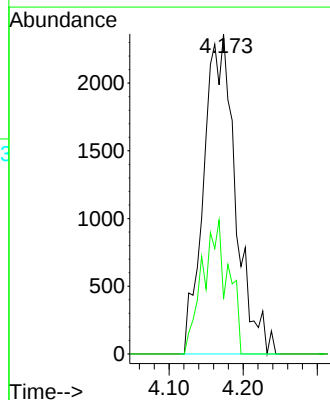
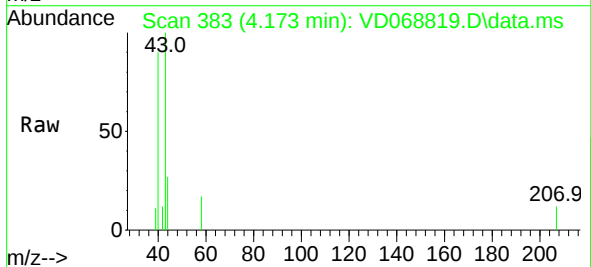
Instrument :
MSVOA_D
ClientSampled :
S-5

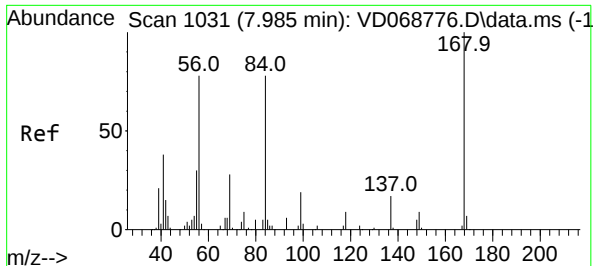
Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 10.64 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

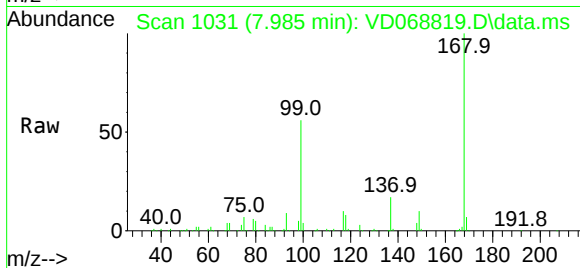
Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
58 17.1 28.0 42.0#



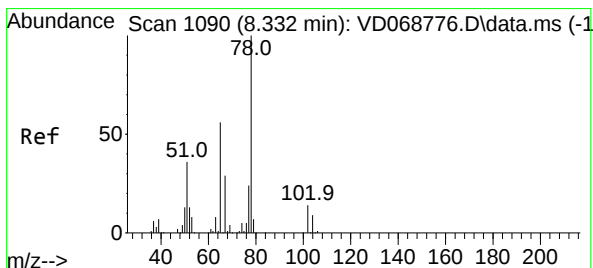
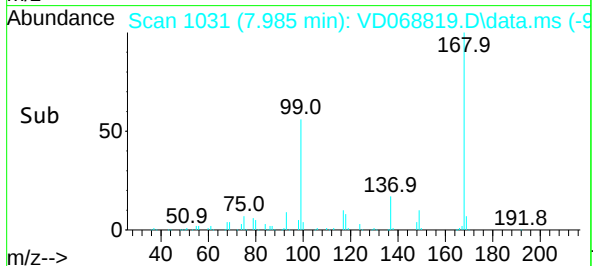
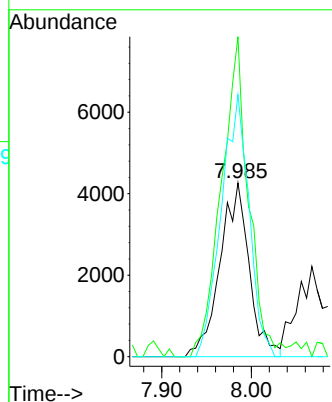


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Instrument :
MSVOA_D
ClientSampled :
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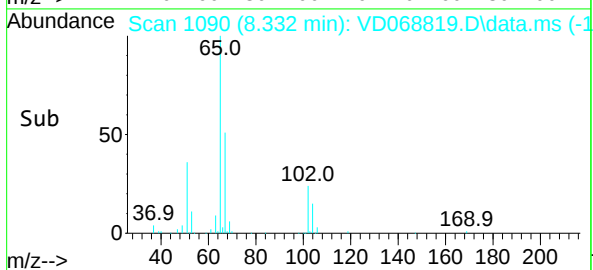
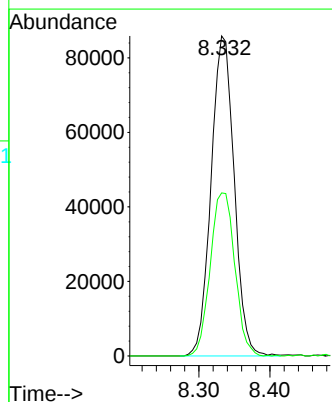
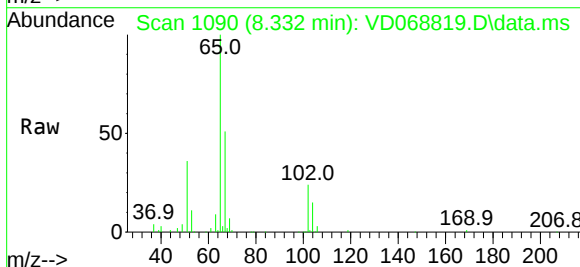


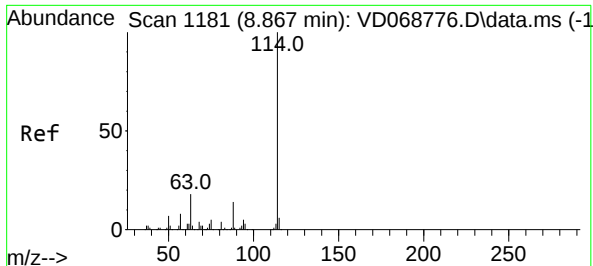
Tgt Ion: 56 Resp: 9624
Ion Ratio Lower Upper
56 100
69 184.1 30.0 45.0#
84 150.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 40.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 65 Resp: 193651
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0

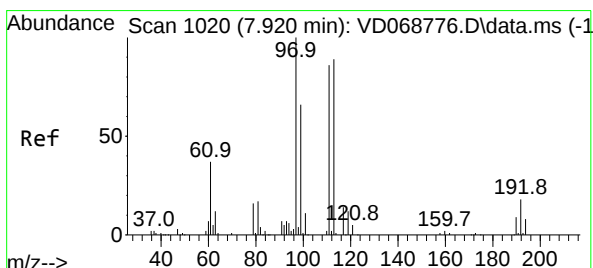
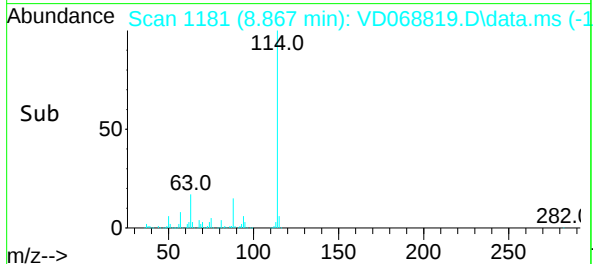
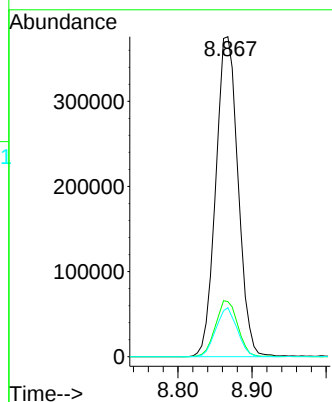
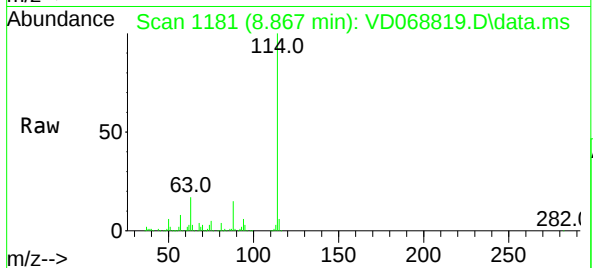




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

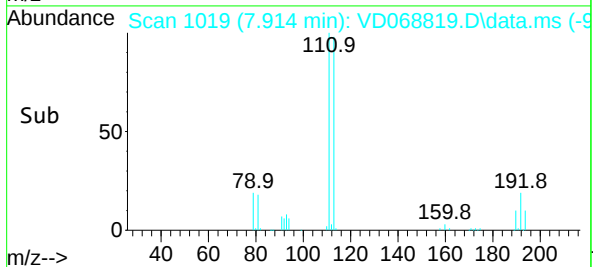
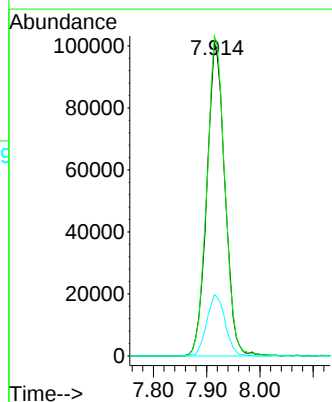
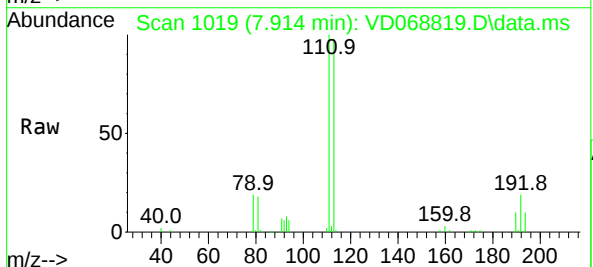
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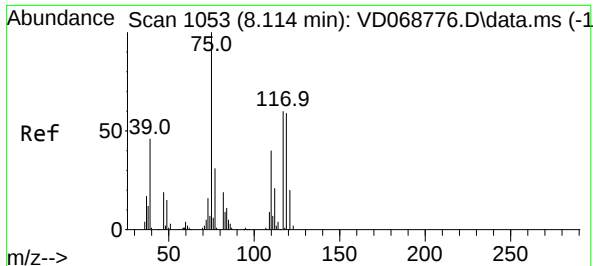
Tgt Ion:114 Resp: 785415
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion:113 Resp: 238233
Ion Ratio Lower Upper
113 100
111 101.8 82.5 123.7
192 19.9 15.1 22.7

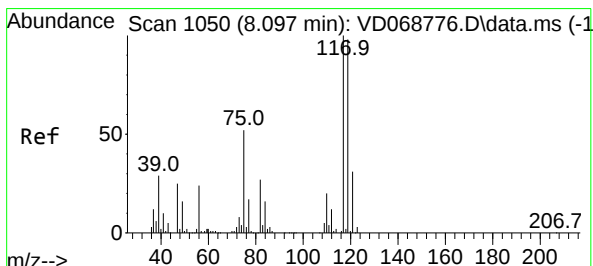
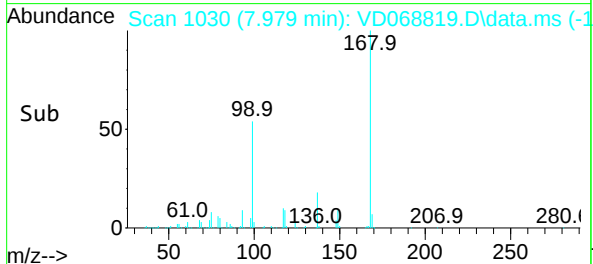
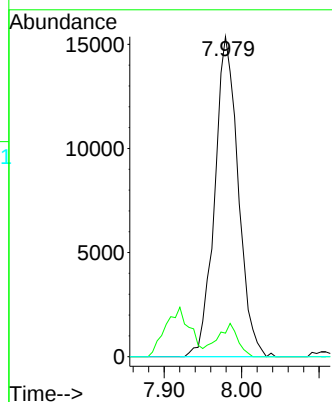
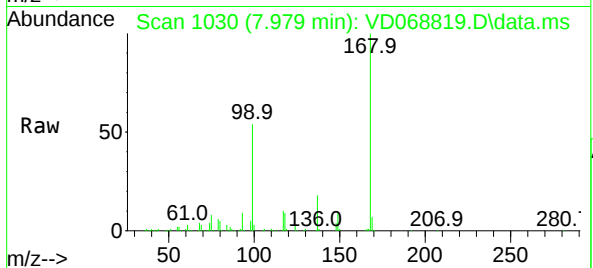




#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

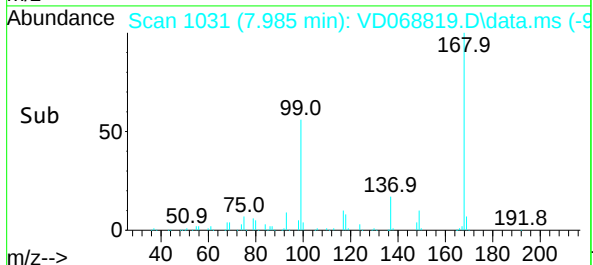
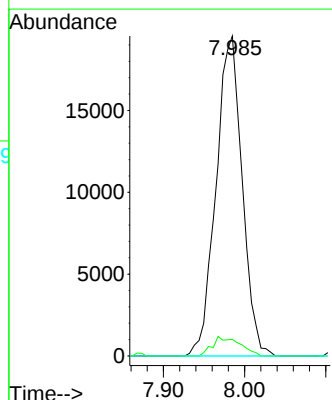
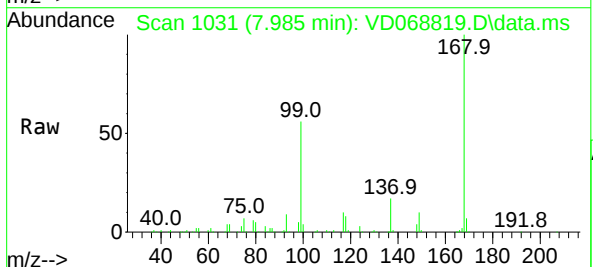
Instrument :
MSVOA_D
ClientSampled :
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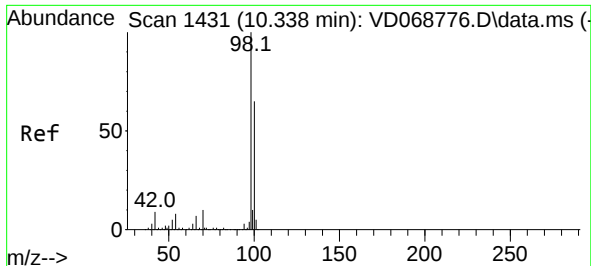
Tgt Ion: 75 Resp: 32442
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 117 Resp: 43779
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 26.1 39.1#

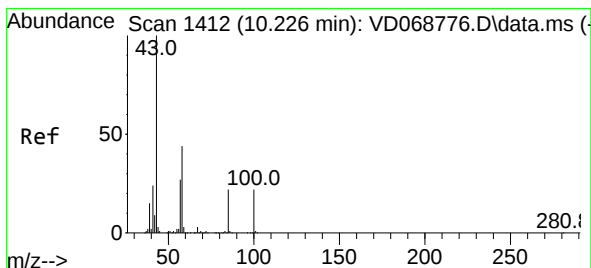
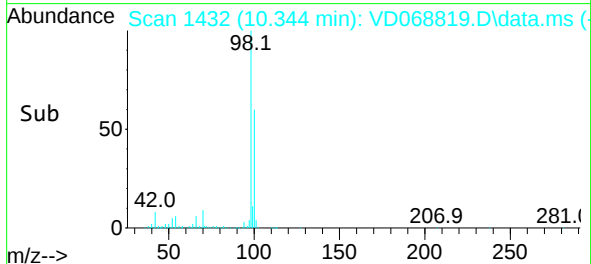
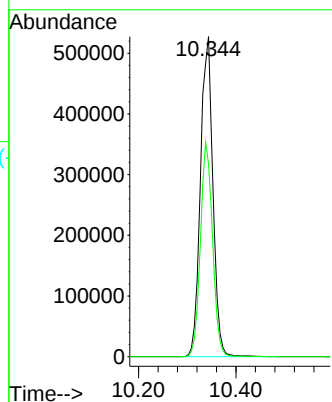
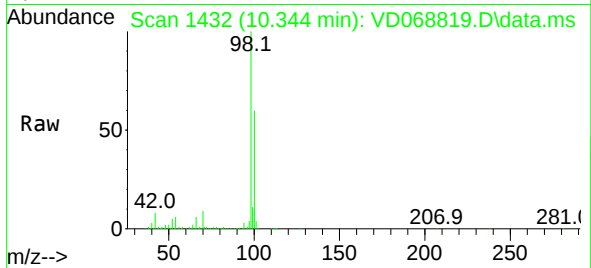




#50
Toluene-d8
Concen: 48.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

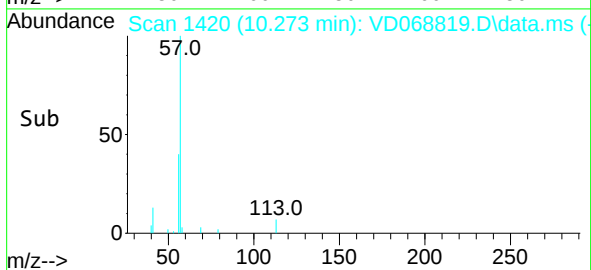
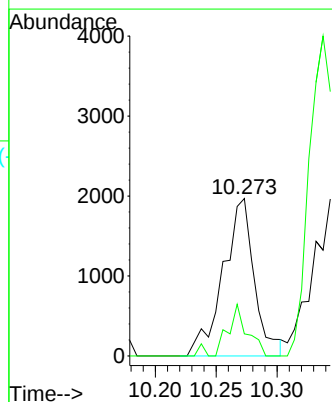
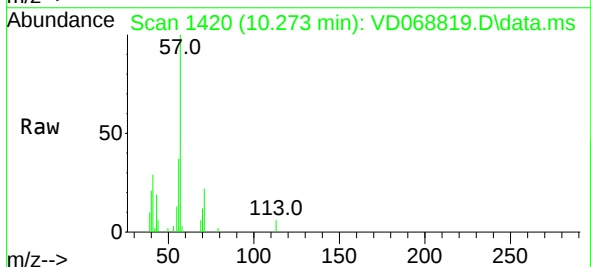
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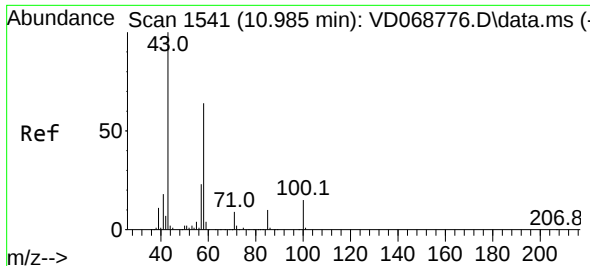
Tgt Ion: 98 Resp: 936753
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.047 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
58 20.0 37.3 55.9#

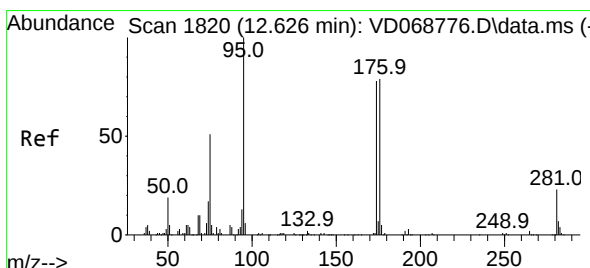
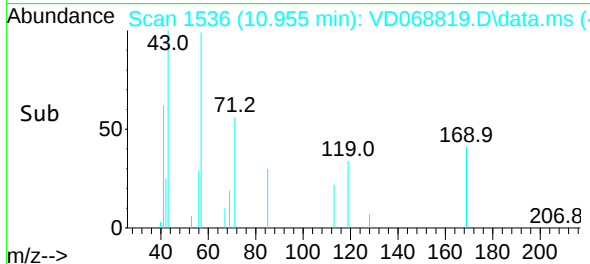
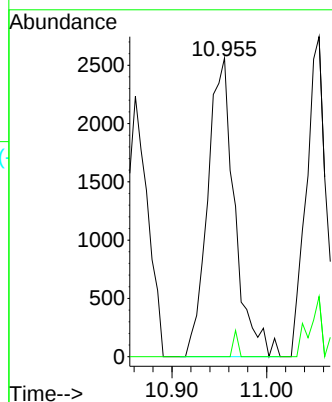
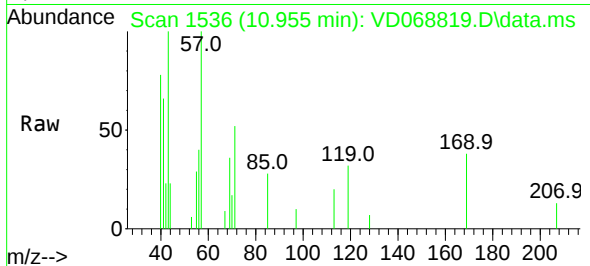




#59
2-Hexanone
Concen: 3.17 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

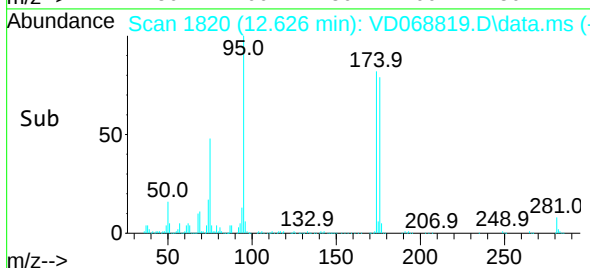
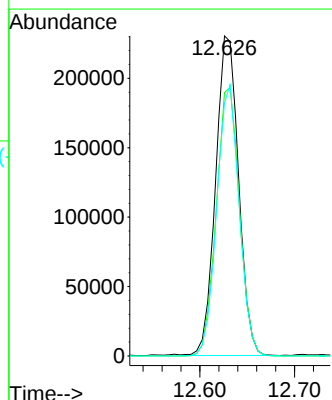
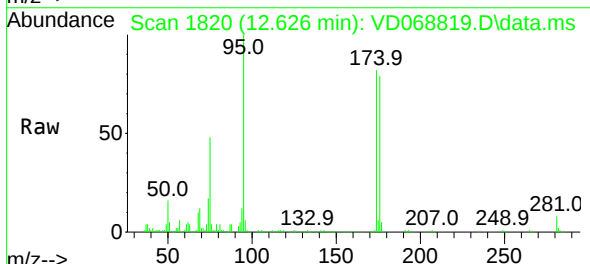
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MSVOA_D
ClientSampled :
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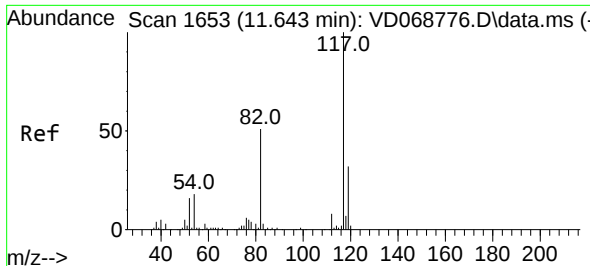
Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
58 1.6 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 60.60 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion: 95 Resp: 387862
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.0
176 82.7 0.0 160.2

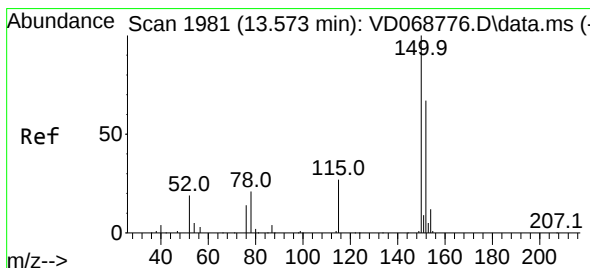
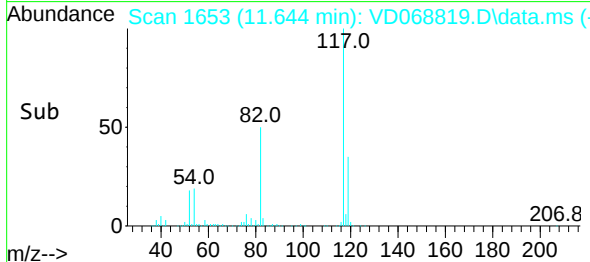
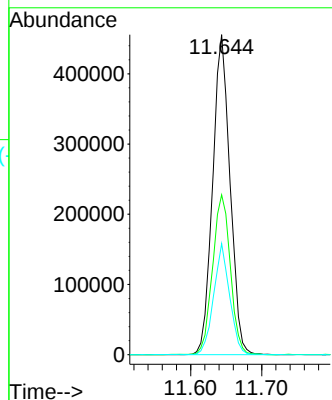
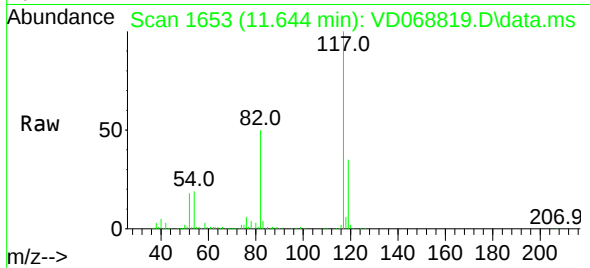




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

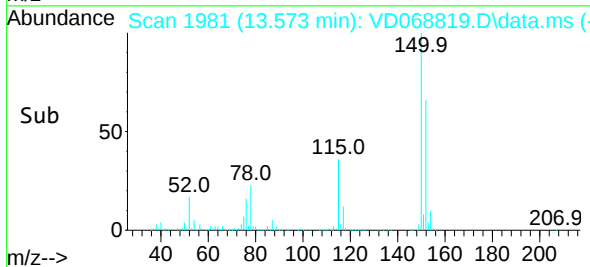
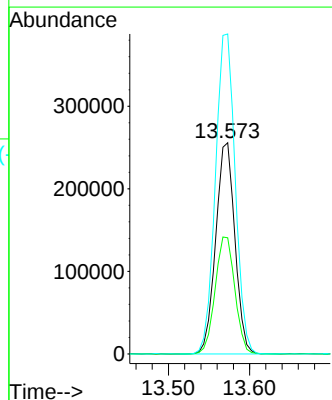
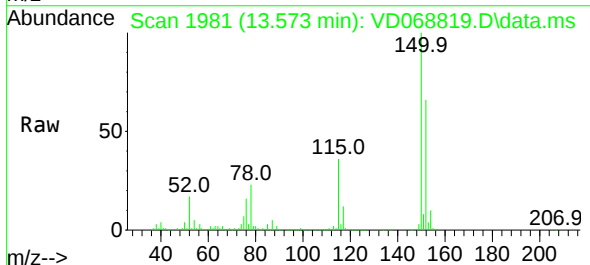
Instrument :
MSVOA_D
ClientSampleId :
S-5

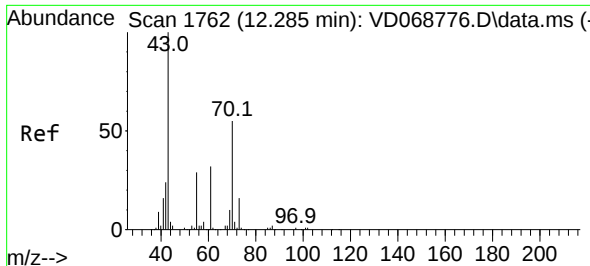
Tgt Ion:117 Resp: 773090
Ion Ratio Lower Upper
117 100
82 49.9 43.5 65.3
119 34.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

Tgt Ion:152 Resp: 420521
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 156.3 0.0 347.6

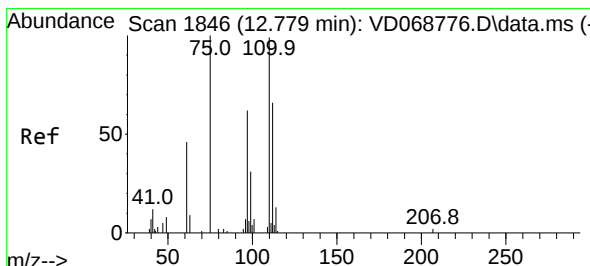
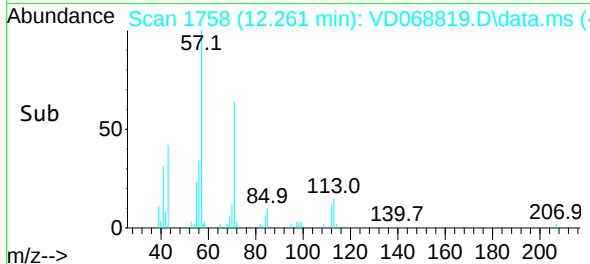
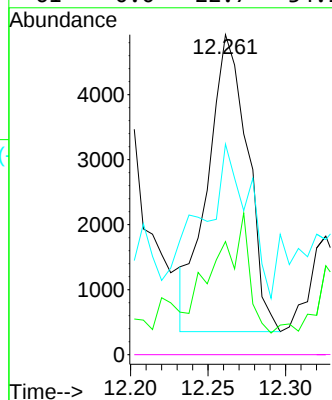
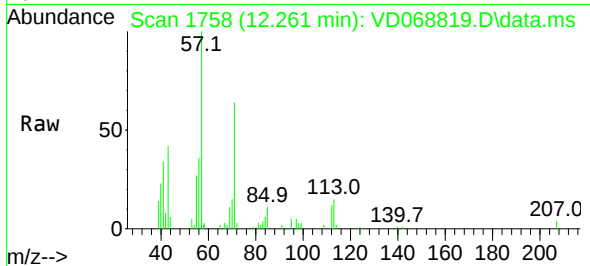




#74
N-amy1 acetate
Concen: 1.57 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.024 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

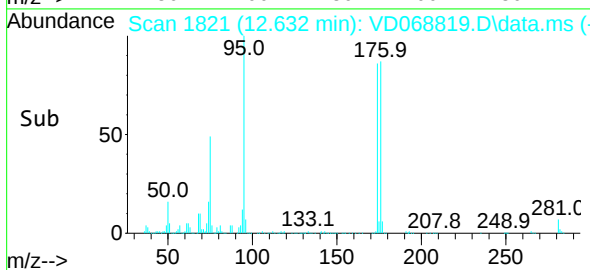
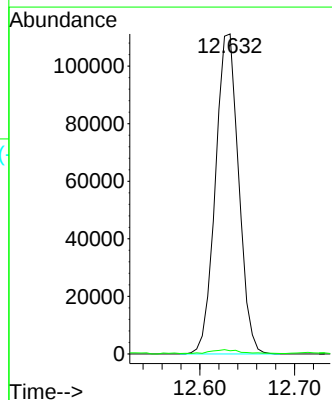
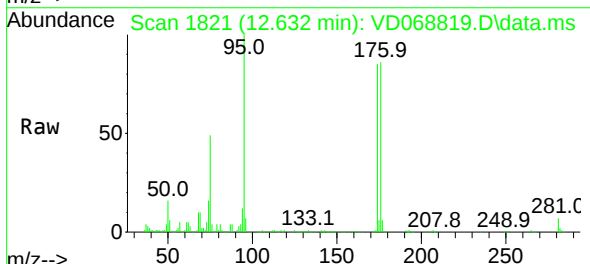
Instrument :
MSVOA_D
ClientSampleId :
S-5

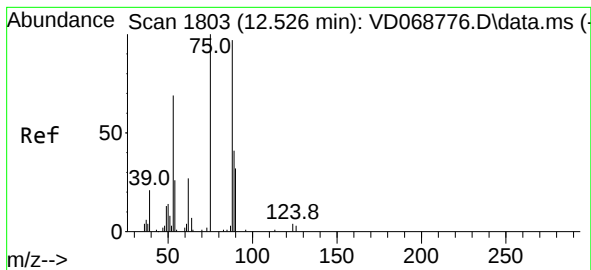
Tgt Ion:	43	Resp:	8183
Ion	Ratio	Lower	Upper
43	100		
70	33.1	41.9	62.9#
55	61.3	22.8	34.2#
61	0.0	22.7	34.1#



#76
1,2,3-Trichloropropane
Concen: 49.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068819.D
Acq: 09 Apr 2021 18:39

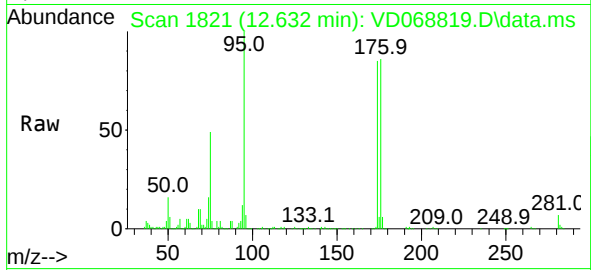
Tgt Ion:	75	Resp:	189136
Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.25 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068819.D
 Acq: 09 Apr 2021 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5



Tgt Ion: 75 Resp: 189136
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

