

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069182.D
 Acq On : 14 May 2021 17:48
 Operator : VA/SY
 Sample : M2409-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Quant Time: May 15 02:36:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

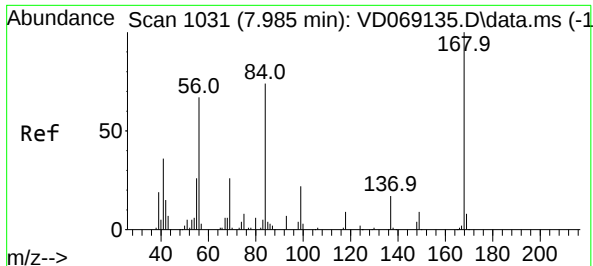
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	210855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	401858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	174819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	146343	69.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.46%
35) Dibromofluoromethane	7.914	113	151438	56.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.44%
50) Toluene-d8	10.338	98	533016	53.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.72%
62) 4-Bromofluorobenzene	12.632	95	158110	49.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.30%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	19507	7.64	ug/l	95
10) Methyl Iodide	4.303	142	18181	8.23	ug/l	99
11) Tert butyl alcohol	5.214	59	93	Below Cal	#	73
16) Acetone	4.179	43	1056	3.26	ug/l	# 41
20) Methylene Chloride	4.956	84	7135	Below Cal		93
31) Cyclohexane	7.985	56	4905	1.57	ug/l	# 57
36) 1,1-Dichloropropene	7.985	75	16409	4.08	ug/l	# 50
38) Carbon Tetrachloride	7.991	117	22215	4.94	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.344	43	1965	1.63	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	83799	63.77	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	83799	128.81	ug/l	# 14

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

Quant Time: May 15 02:36:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

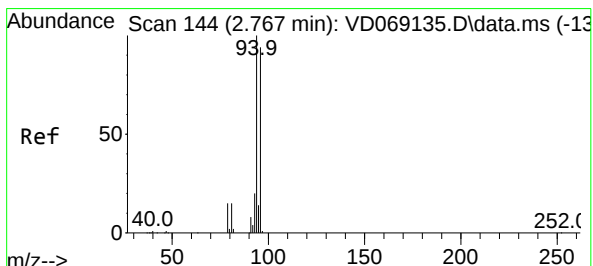
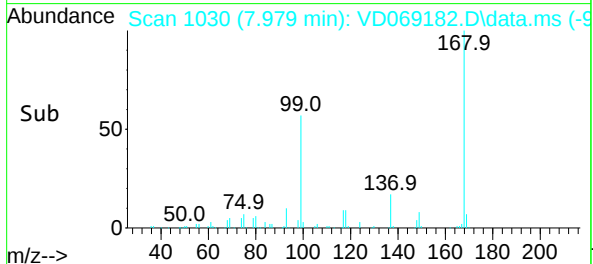
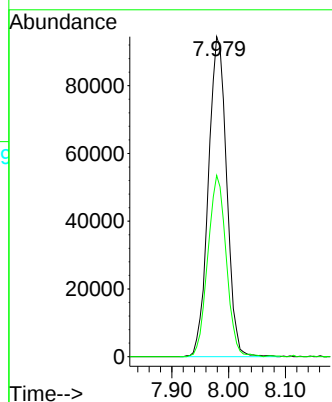
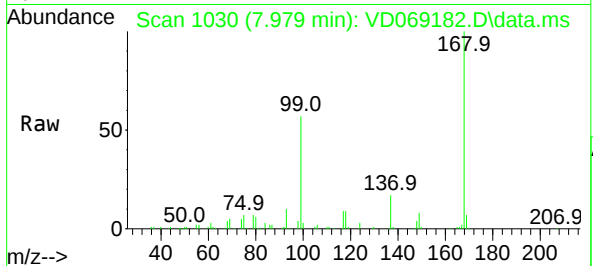




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

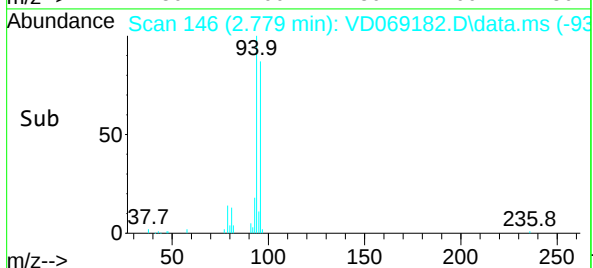
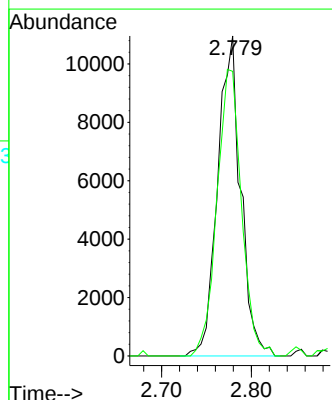
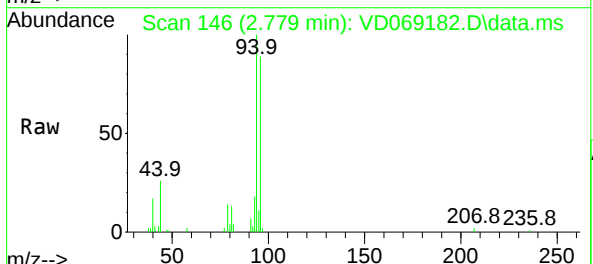
Instrument :
MSVOA_D
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BACKFILL-ASHCROFT-REAR-06

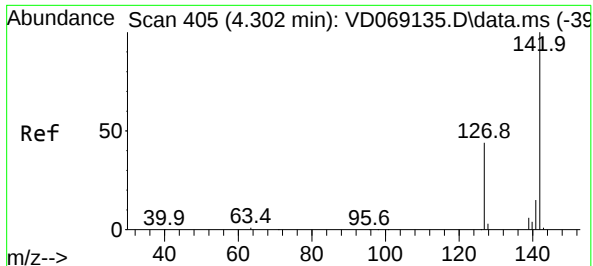
Tgt Ion:168 Resp: 210855
Ion Ratio Lower Upper
168 100
99 56.6 47.2 70.8



#5
Bromomethane
Concen: 7.64 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

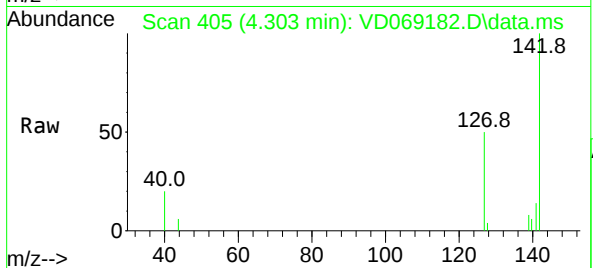
Tgt Ion: 94 Resp: 19507
Ion Ratio Lower Upper
94 100
96 88.9 75.4 113.0



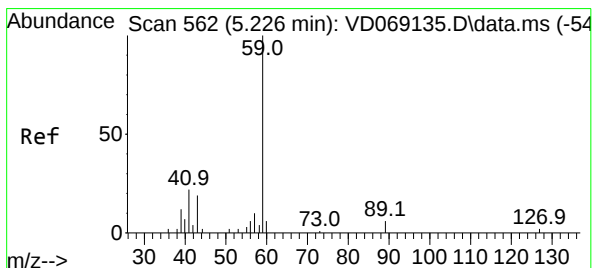
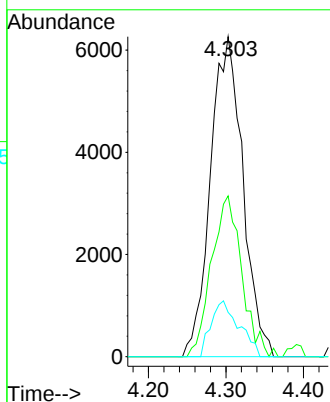
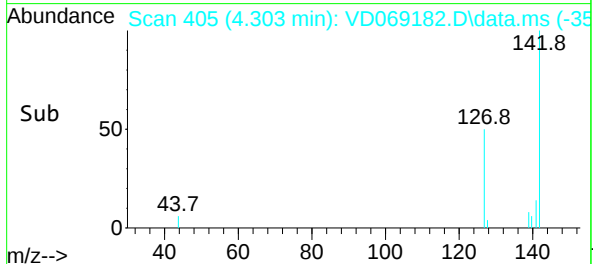


#10
Methyl Iodide
Concen: 8.23 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

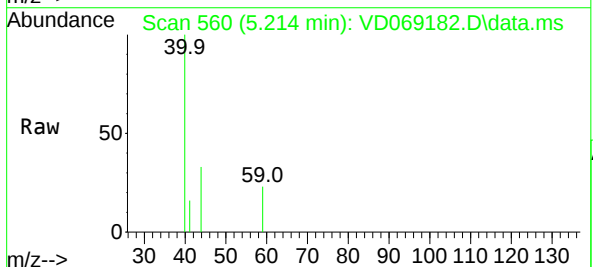
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06



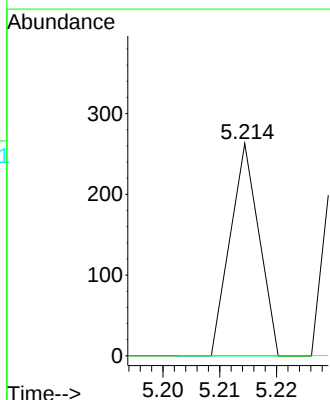
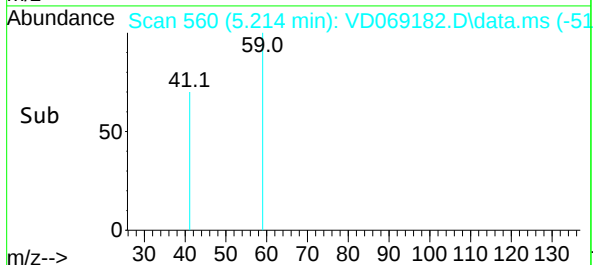
Tgt Ion:142 Resp: 18181
Ion Ratio Lower Upper
142 100
127 47.0 37.3 55.9
141 15.1 12.2 18.4

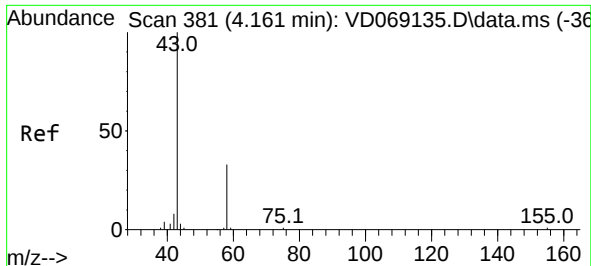


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48



Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

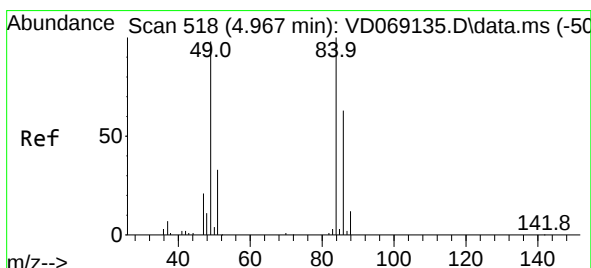
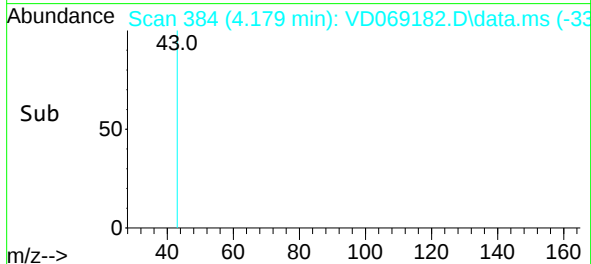
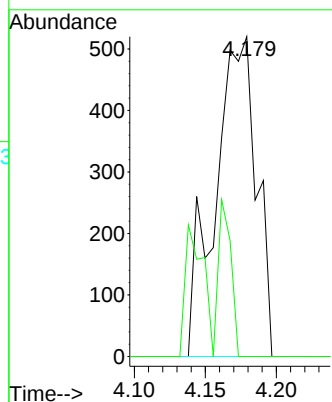
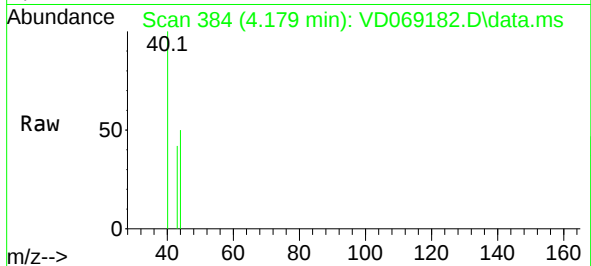




#16
Acetone
Concen: 3.26 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

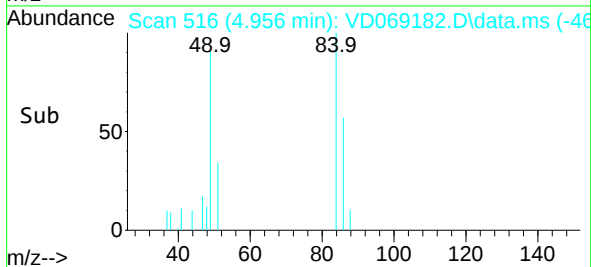
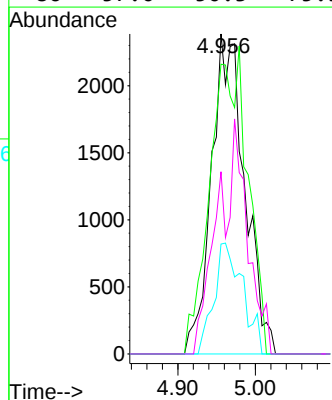
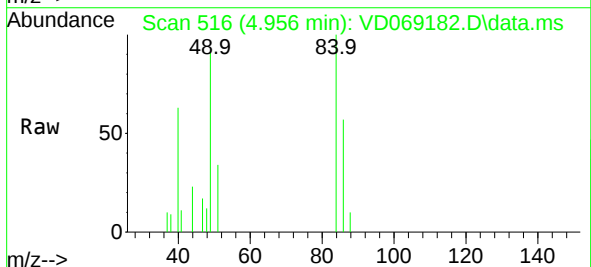
Instrument :
MSVOA_D
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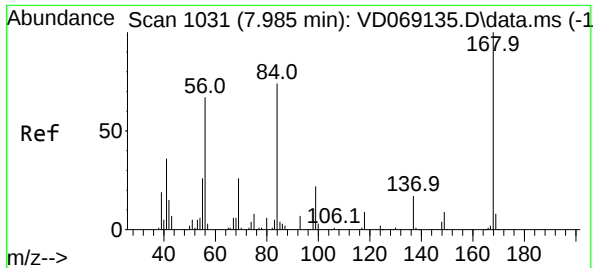
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 84 Resp: 7135
Ion Ratio Lower Upper
84 100
49 90.6 78.6 117.8
51 34.3 26.7 40.1
86 57.0 50.3 75.5

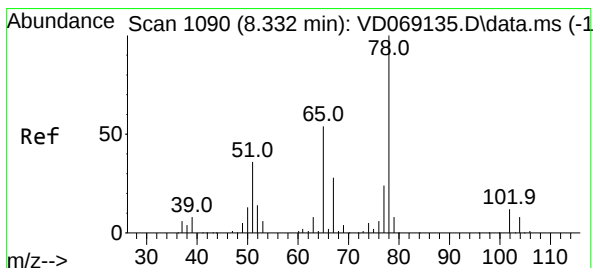
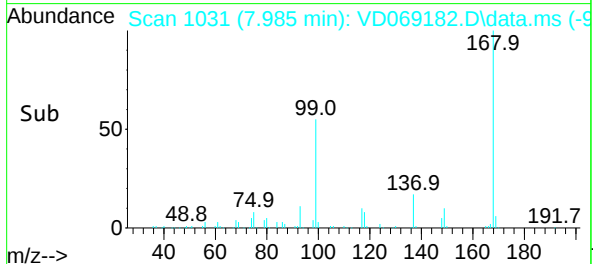
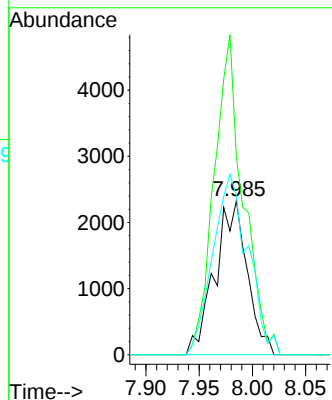
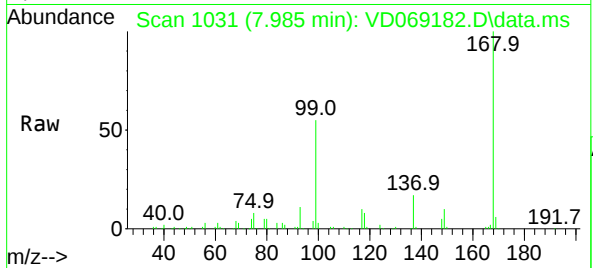




#31
Cyclohexane
Concen: 1.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

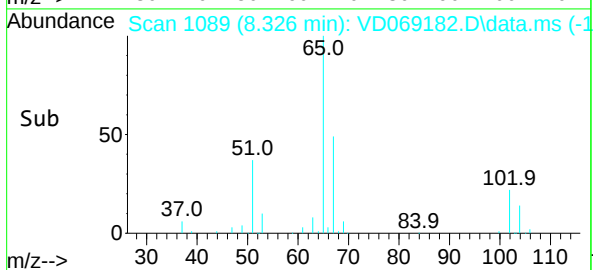
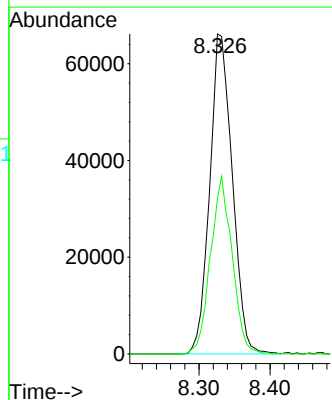
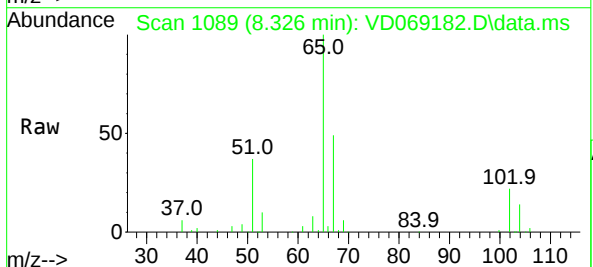
Instrument :
MSVOA_D
ClientSampleId :
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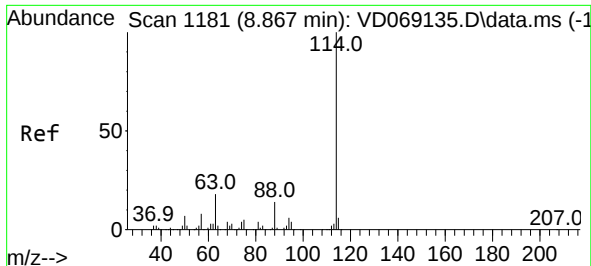
Tgt Ion: 56 Resp: 4905
Ion Ratio Lower Upper
56 100
69 128.9 30.6 46.0#
84 103.4 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 69.23 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 65 Resp: 146343
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0

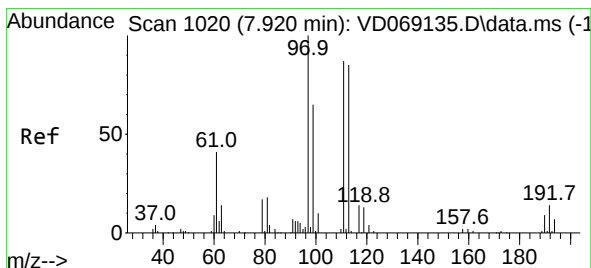
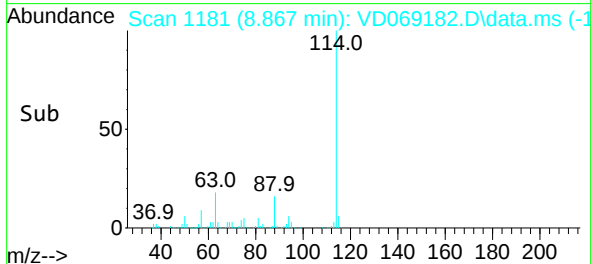
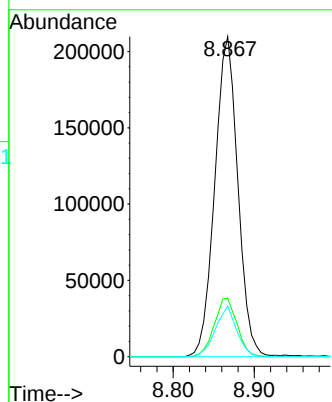
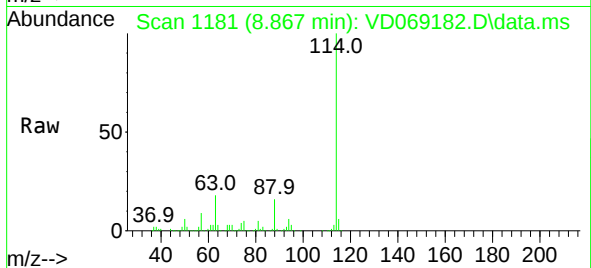




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

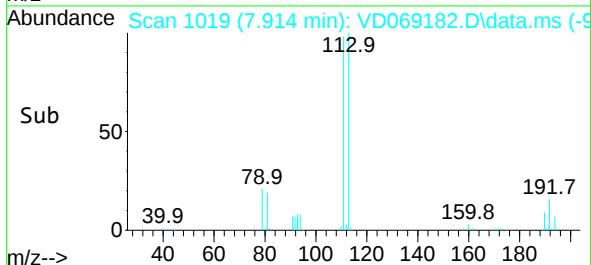
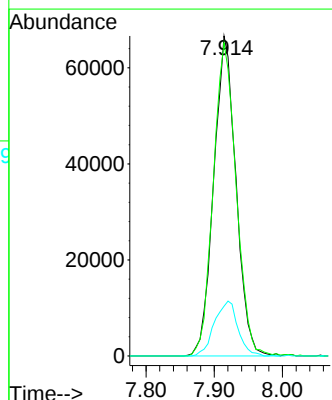
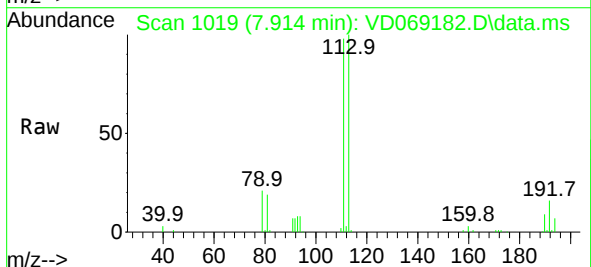
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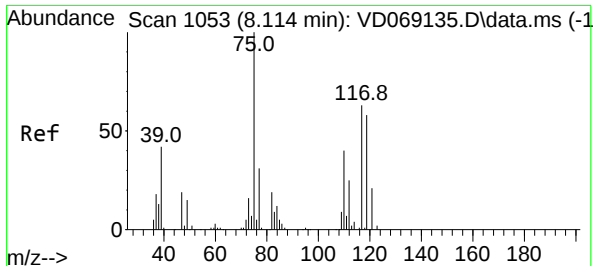
Tgt Ion:	114	Resp:	413885
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	36.4
88	15.9	0.0	28.2



#35
Dibromofluoromethane
Concen: 56.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion:	113	Resp:	151438
Ion Ratio	Lower	Upper	
113	100		
111	100.9	80.6	120.8
192	18.1	14.8	22.2

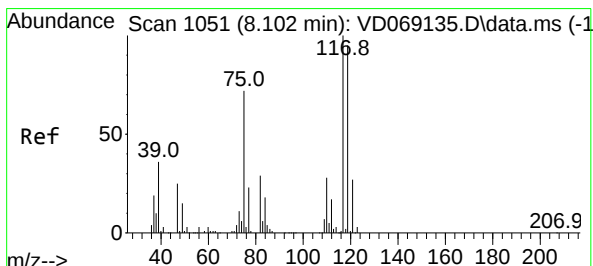
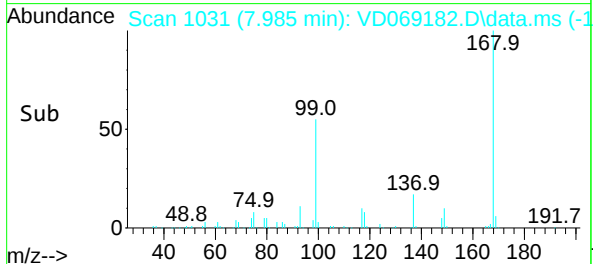
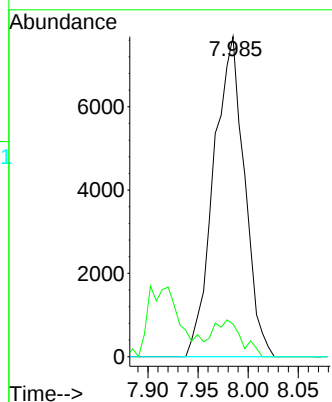
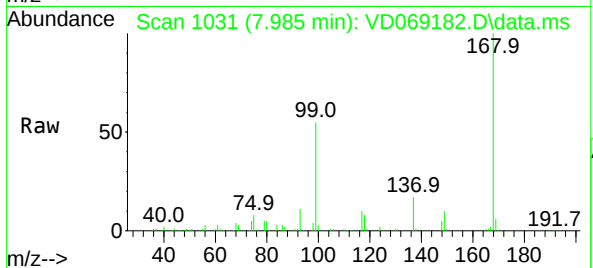




#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

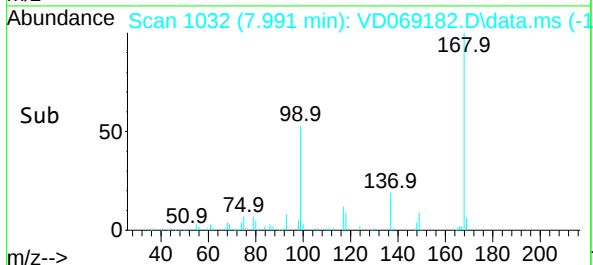
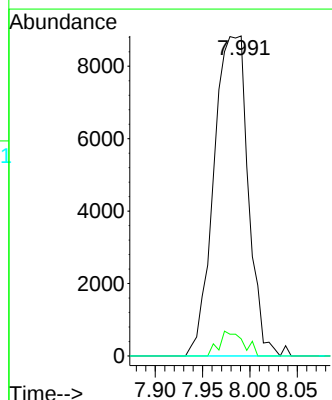
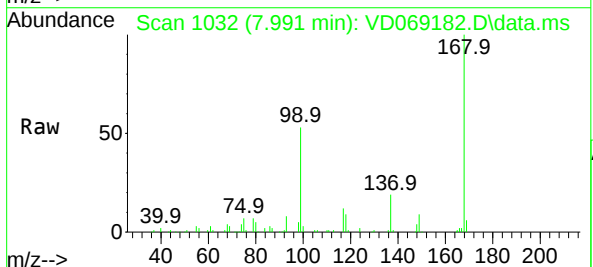
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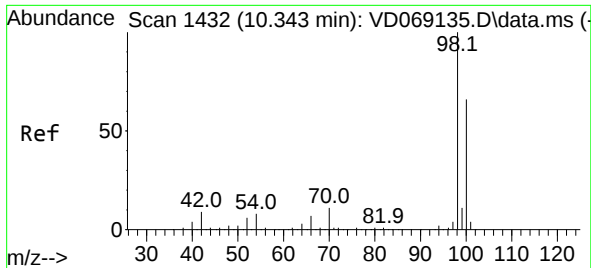
Tgt Ion: 75 Resp: 16409
Ion Ratio Lower Upper
75 100
110 10.6 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.111 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 117 Resp: 22215
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 21.9 32.9#

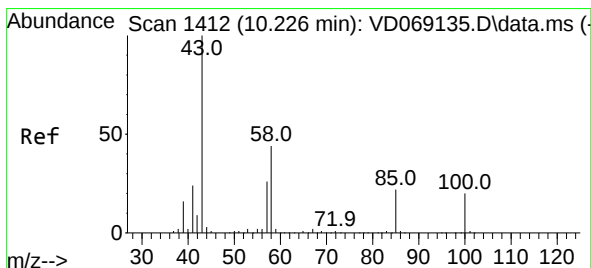
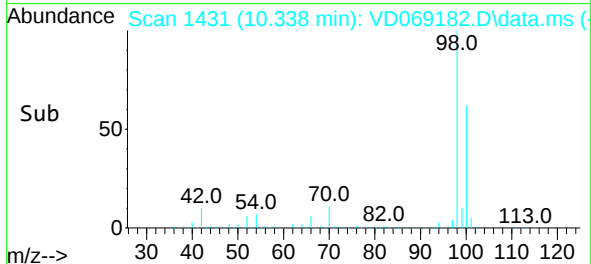
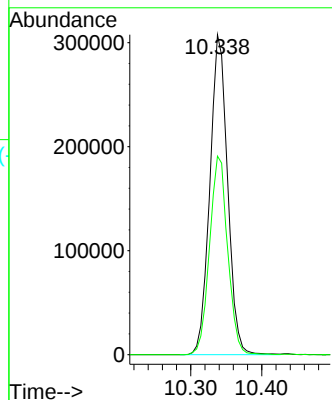
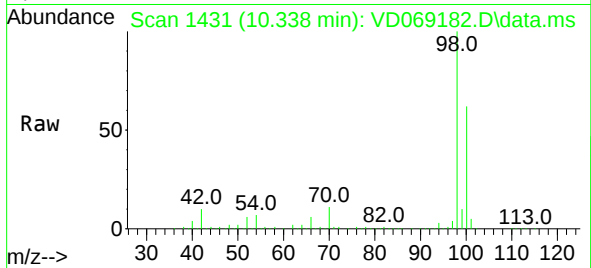




#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

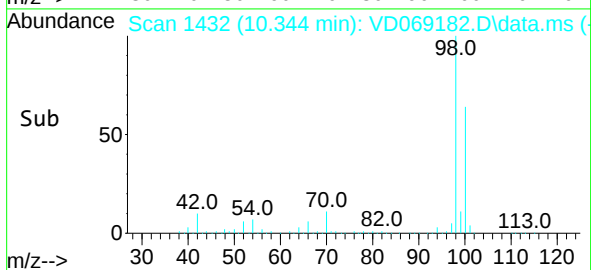
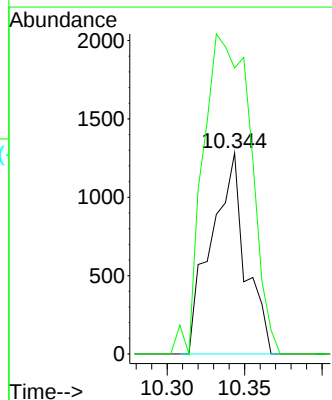
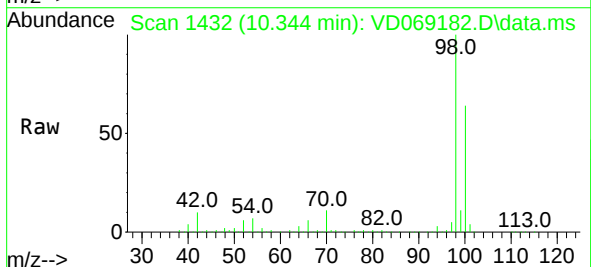
Instrument :
MSVOA_D
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BACKFILL-ASHCROFT-REAR-06

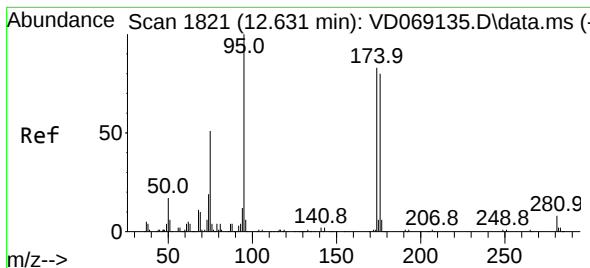
Tgt Ion: 98 Resp: 533016
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
58 220.8 35.0 52.4#

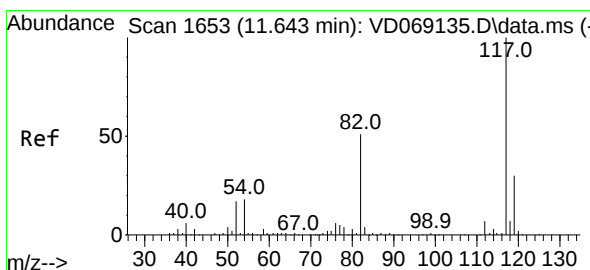
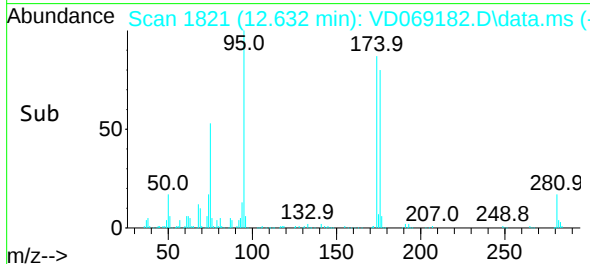
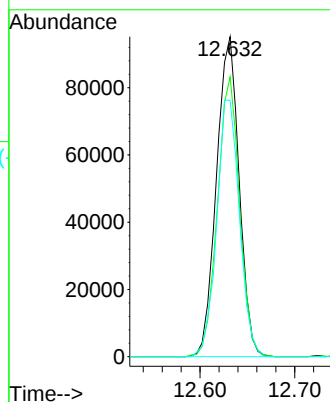
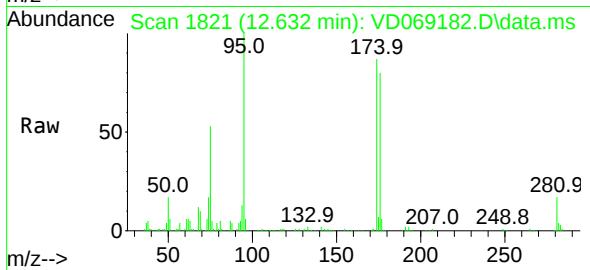




#62
4-Bromofluorobenzene
Concen: 49.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

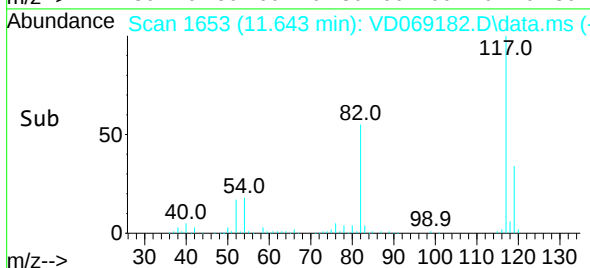
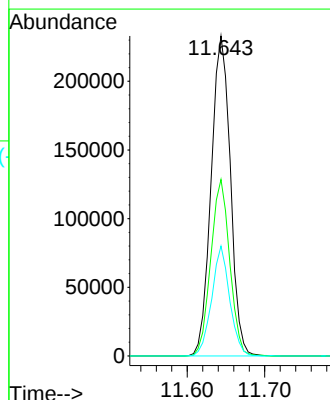
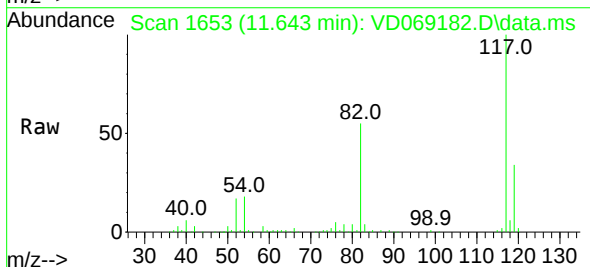
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

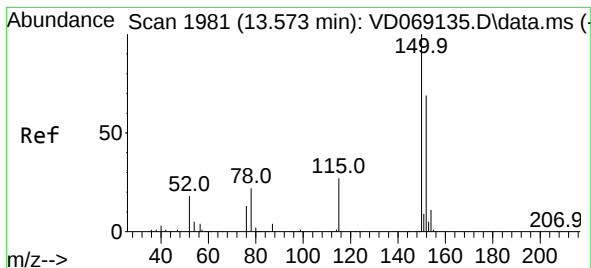
Tgt Ion: 95 Resp: 158110
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.8
176 80.6 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

Tgt Ion: 117 Resp: 401858
Ion Ratio Lower Upper
117 100
82 55.2 40.5 60.7
119 34.3 24.2 36.4

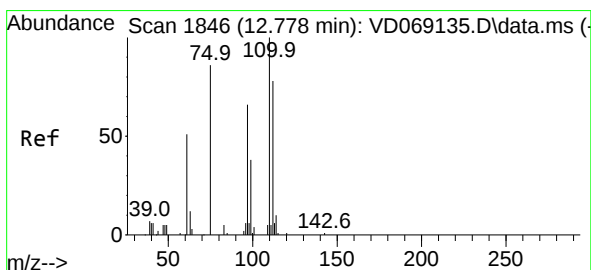
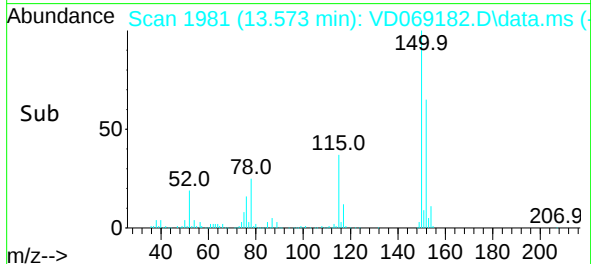
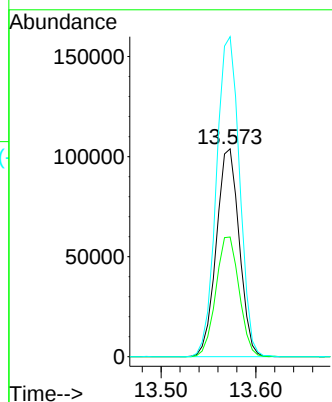
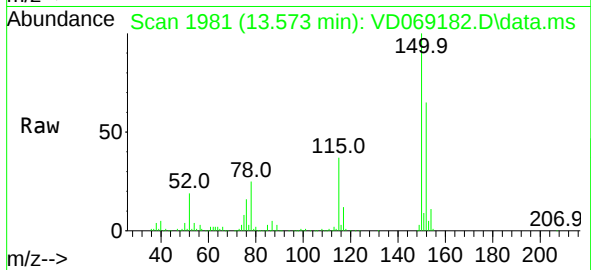




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

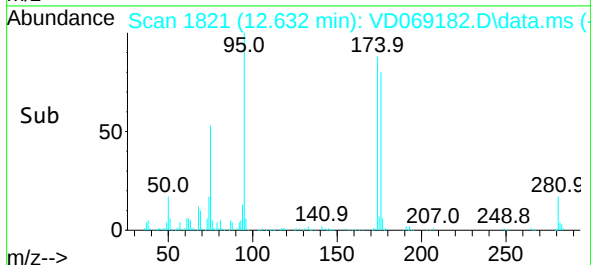
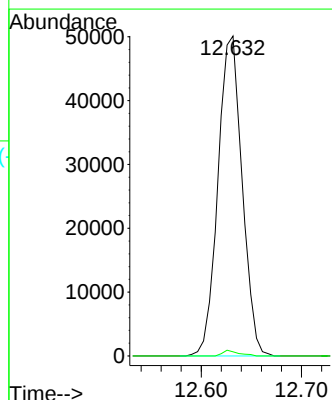
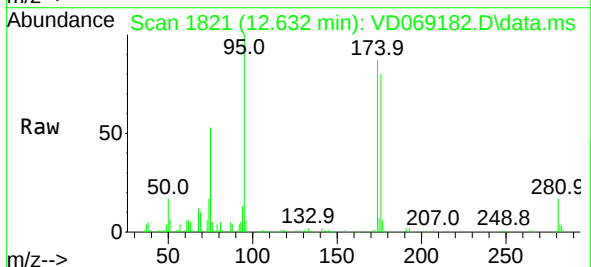
Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

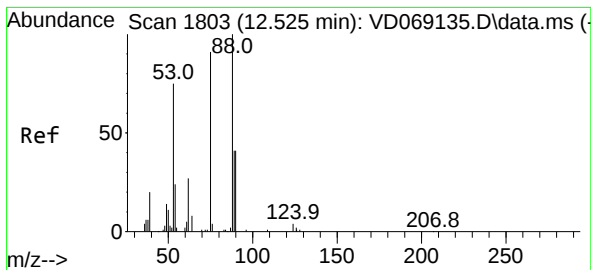
Tgt Ion:152 Resp: 174819
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.8
150 155.6 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 63.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069182.D
Acq: 14 May 2021 17:48

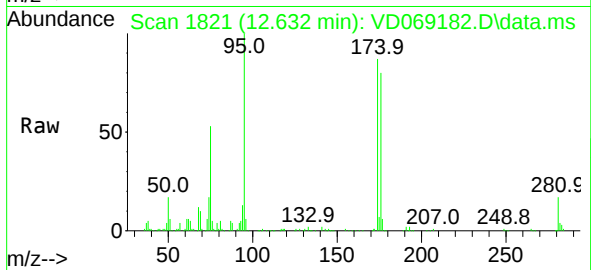
Tgt Ion: 75 Resp: 83799
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.81 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069182.D
 Acq: 14 May 2021 17:48

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06



Tgt Ion: 75 Resp: 83799
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.0 105.0#
 89 0.1 40.2 60.2#

