

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073479.D
 Acq On : 06 Jun 2022 17:18
 Operator : VA/SY
 Sample : N3105-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-060322

Quant Time: Jun 07 01:13:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	505423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	538151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	147324	47.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.660%
35) Dibromofluoromethane	7.903	113	165722	49.690	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.332	98	610751	49.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.620	95	243501	56.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.880%

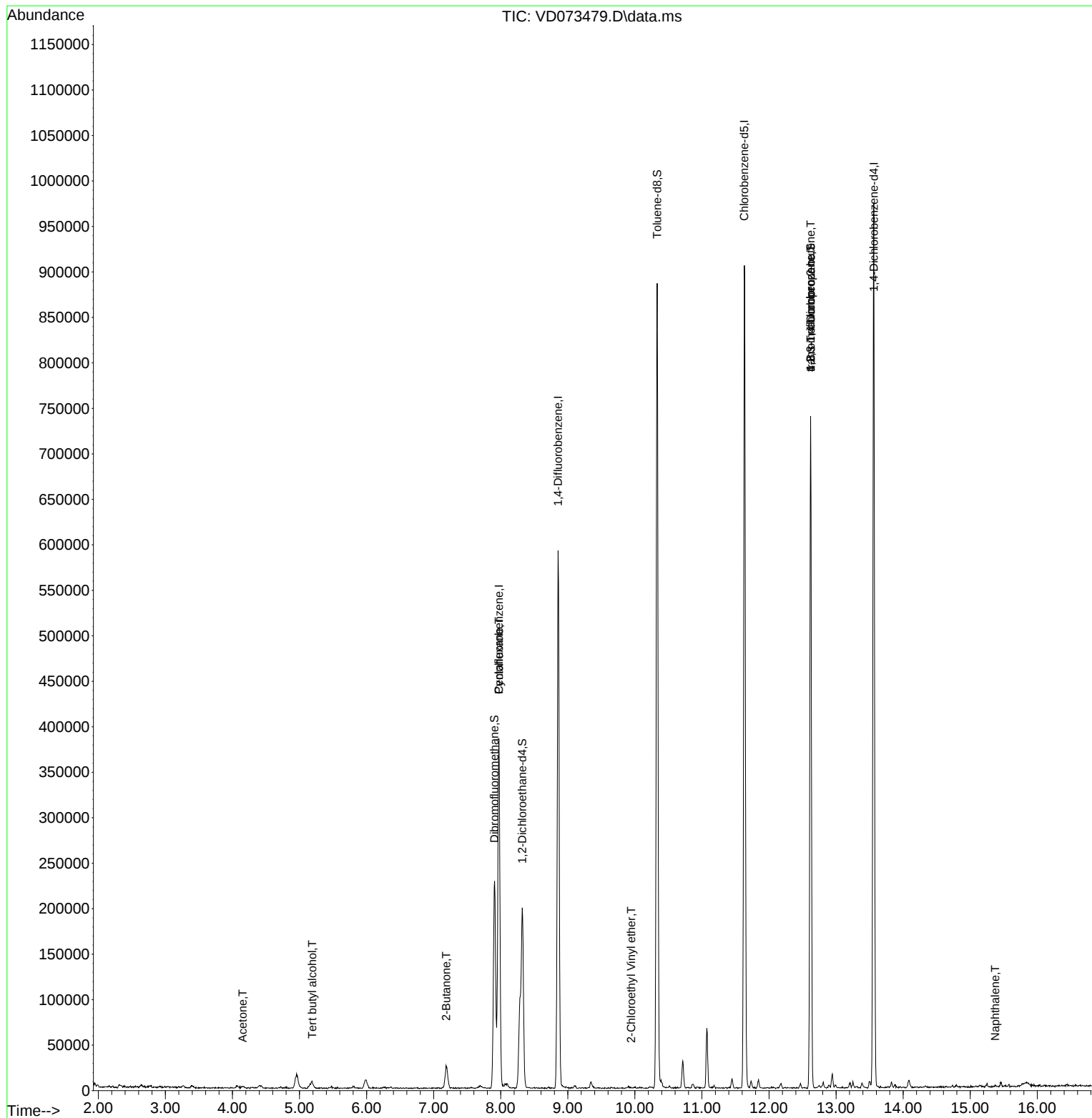
Target Compounds					Qvalue	
5) Bromomethane	2.768	94	1499	Below Cal	#	76
11) Tert butyl alcohol	5.191	59	6410	13.272	ug/l #	74
16) Acetone	4.150	43	3463	6.423	ug/l #	75
20) Methylene Chloride	4.956	84	11719	Below Cal	#	95
25) 2-Butanone	7.185	43	881	1.117	ug/l #	52
31) Cyclohexane	7.973	56	8381	1.541	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.944	63	311	21.820	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	122837	48.184	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	122837	115.676	ug/l #	7
95) Naphthalene	15.373	128	1625	3.719	ug/l #	75

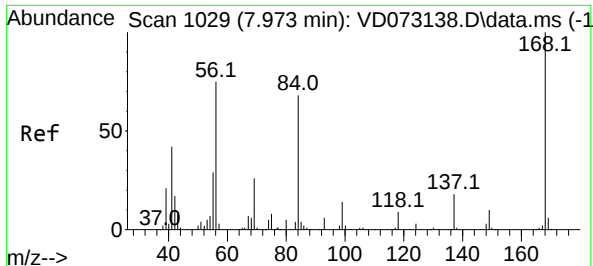
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
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HR-02-060322

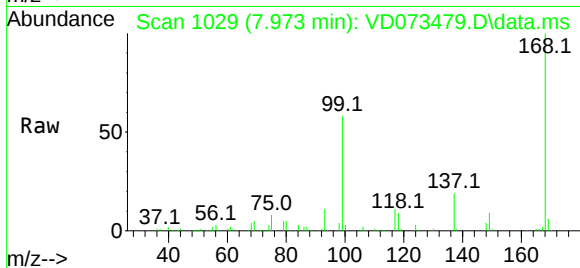
Quant Time: Jun 07 01:13:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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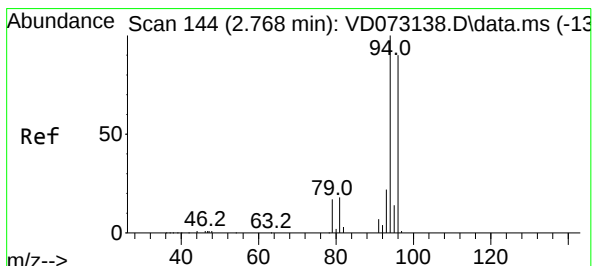
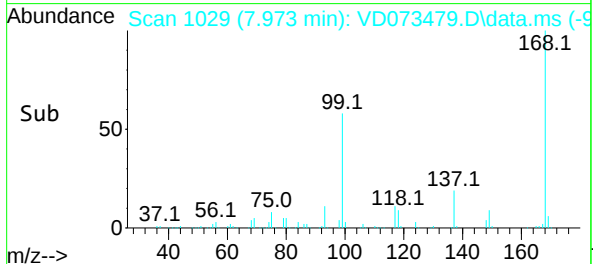
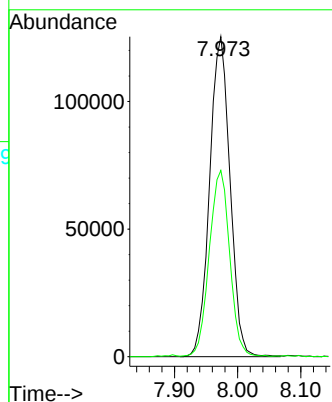


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Instrument :
MSVOA_D
ClientSampleId :
HR-02-060322

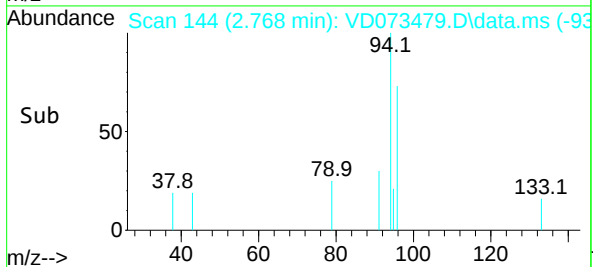
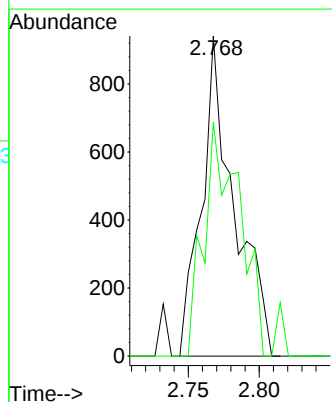
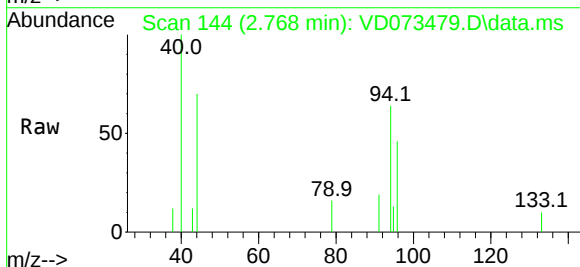


Tgt Ion:168 Resp: 281679
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Tgt Ion: 94 Resp: 1499
Ion Ratio Lower Upper
94 100
96 73.0 77.6 116.4#

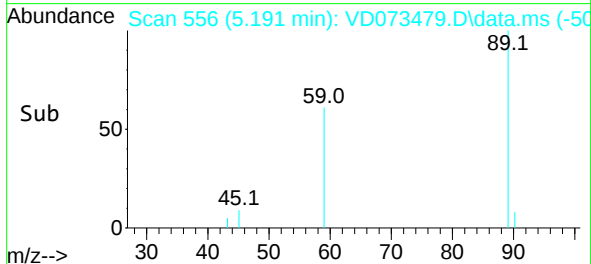
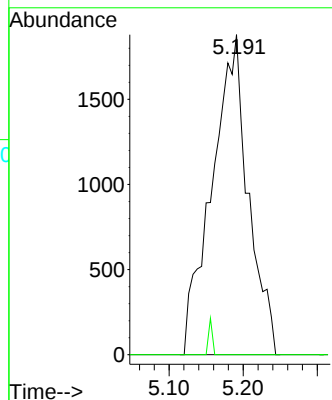
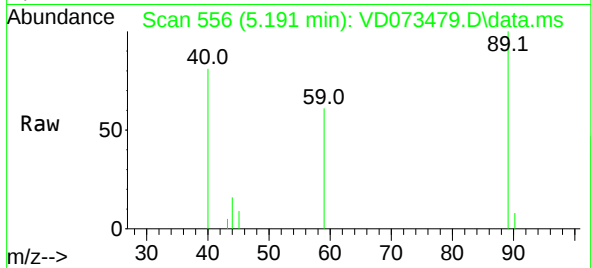




#11
Tert butyl alcohol
Concen: 13.272 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

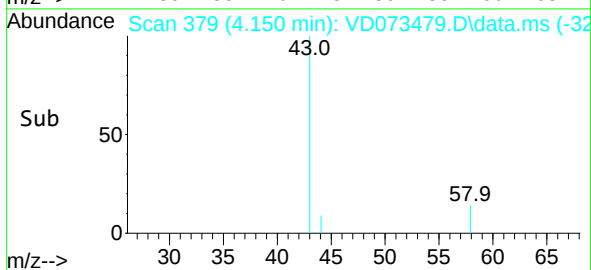
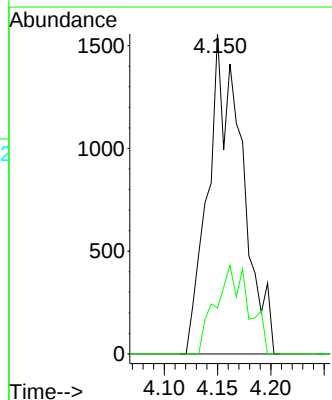
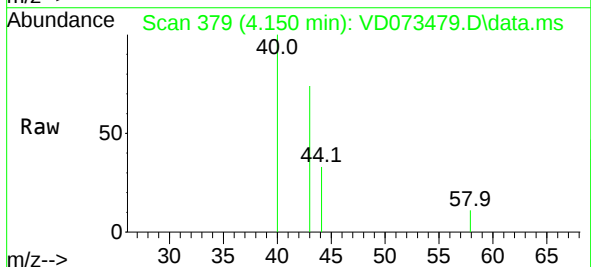
Instrument :
MSVOA_D
ClientSampleId :
HR-02-060322

Tgt Ion: 59 Resp: 6410
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.423 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
58 14.3 22.1 33.1#

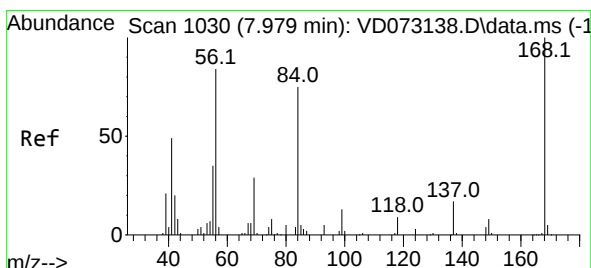
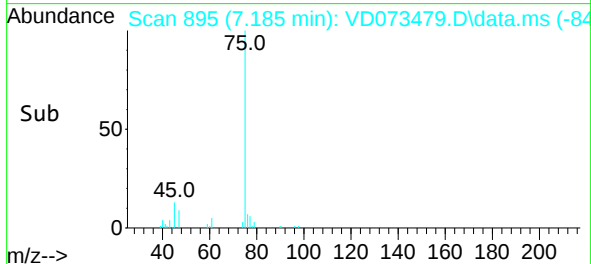
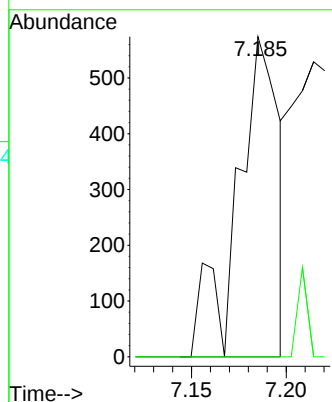
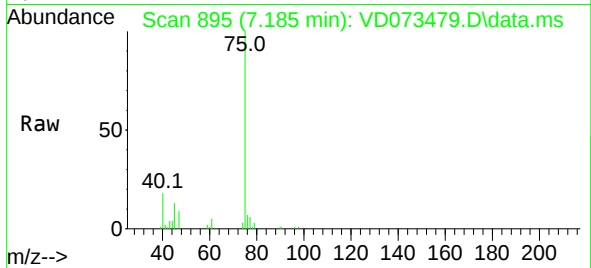




#25
2-Butanone
Concen: 1.117 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

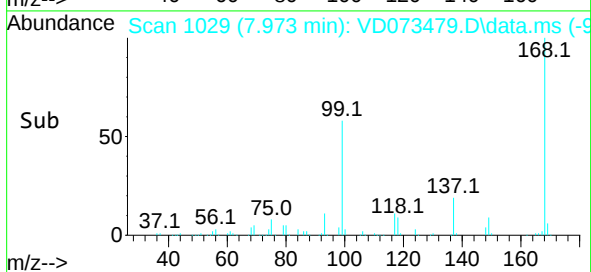
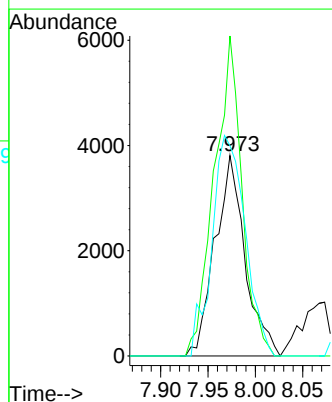
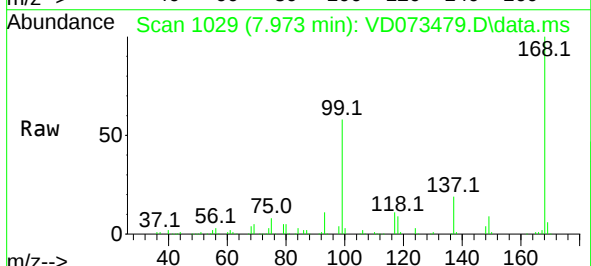
Instrument :
MSVOA_D
ClientSampleId :
HR-02-060322

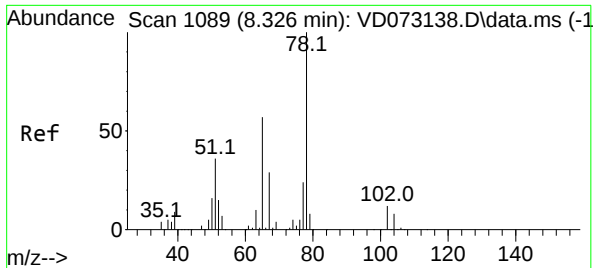
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.541 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Tgt Ion: 56 Resp: 8381
Ion Ratio Lower Upper
56 100
69 159.6 25.4 38.2#
84 104.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.326 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073479.D

Acq: 06 Jun 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

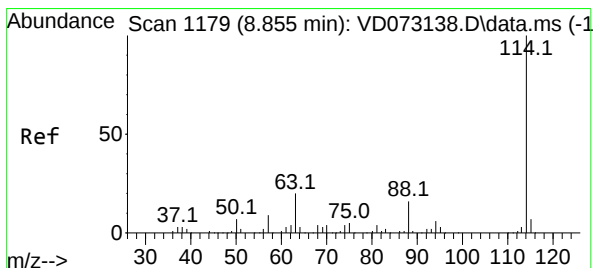
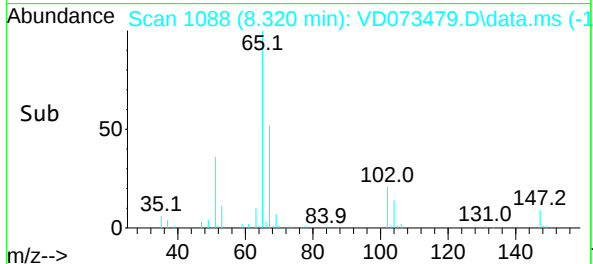
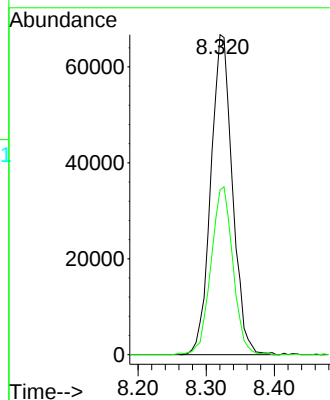
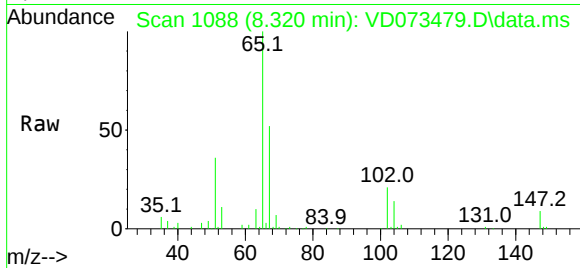
HR-02-060322

Tgt Ion: 65 Resp: 147324

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073479.D

Acq: 06 Jun 2022 17:18

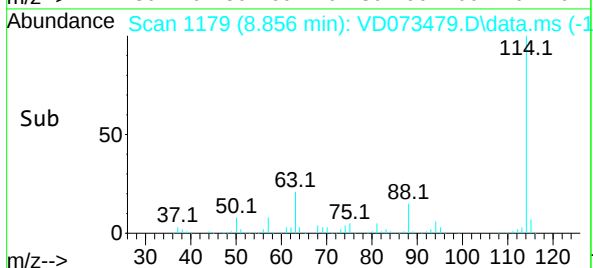
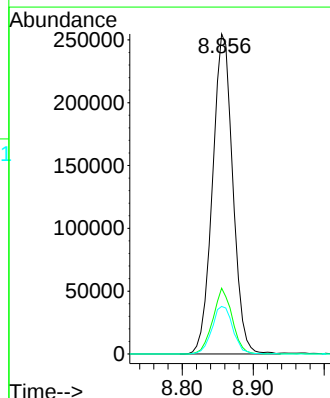
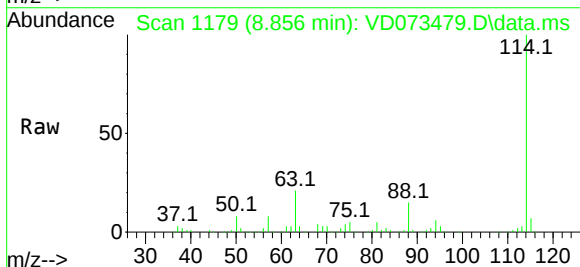
Tgt Ion: 114 Resp: 505423

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.690 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073479.D

Acq: 06 Jun 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

HR-02-060322

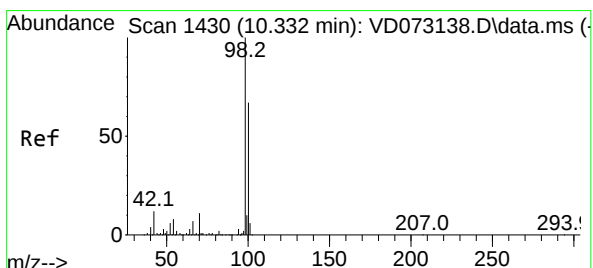
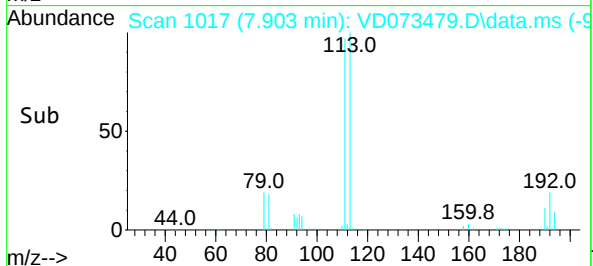
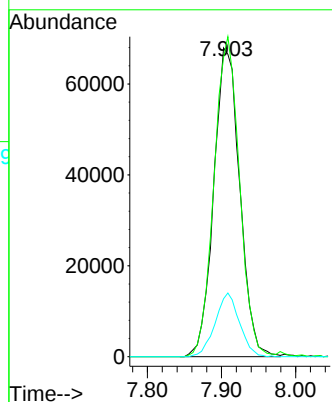
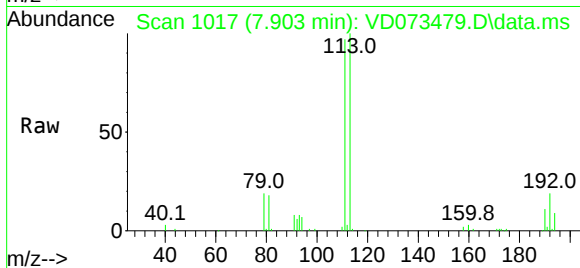
Tgt Ion:113 Resp: 165722

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 19.3 14.6 21.8



#50

Toluene-d8

Concen: 49.679 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073479.D

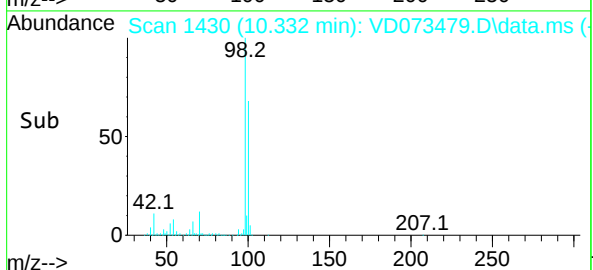
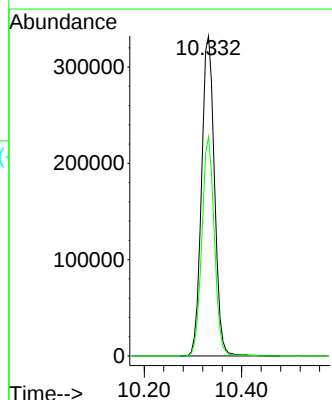
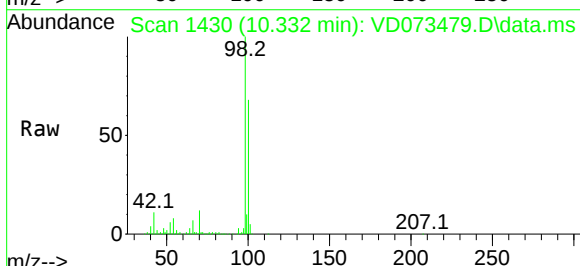
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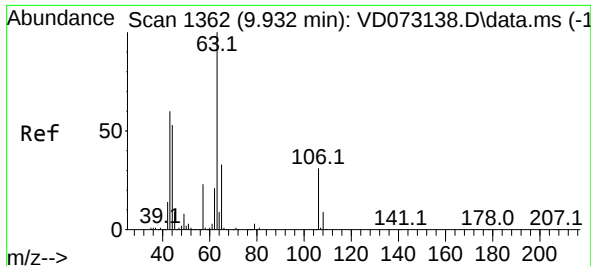
Tgt Ion: 98 Resp: 610751

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6





#58

2-Chloroethyl Vinyl ether

Concen: 21.820 ug/l

RT: 9.944 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD073479.D

Acq: 06 Jun 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

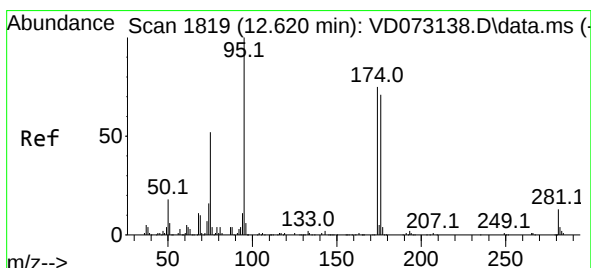
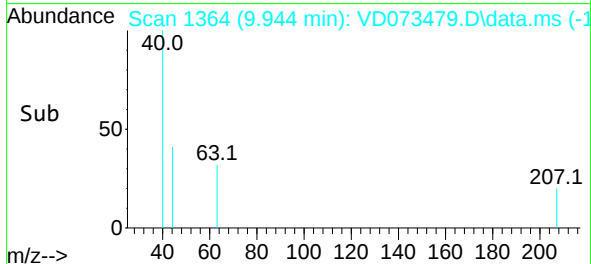
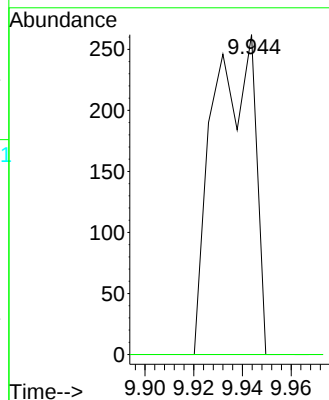
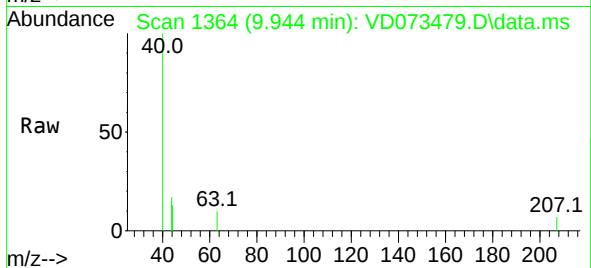
HR-02-060322

Tgt Ion: 63 Resp: 311

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#62

4-Bromofluorobenzene

Concen: 56.438 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073479.D

Acq: 06 Jun 2022 17:18

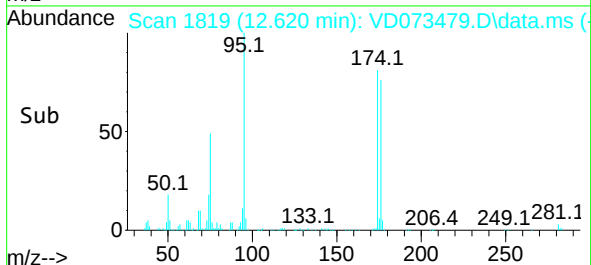
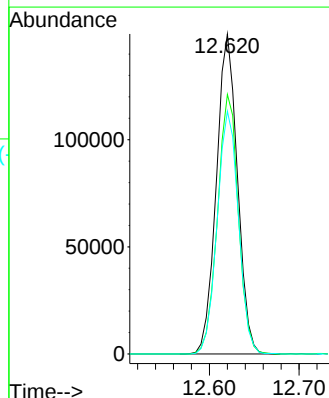
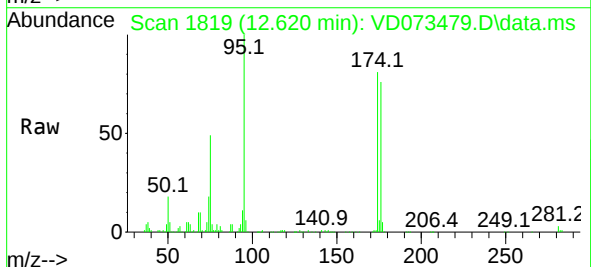
Tgt Ion: 95 Resp: 243501

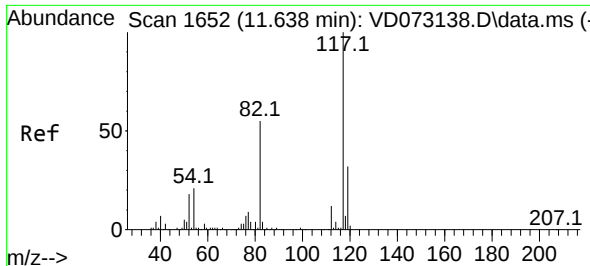
Ion Ratio Lower Upper

95 100

174 79.9 0.0 152.8

176 76.3 0.0 145.4

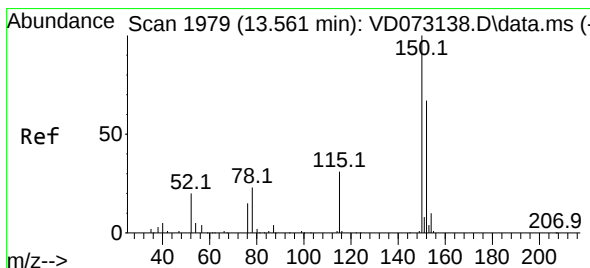
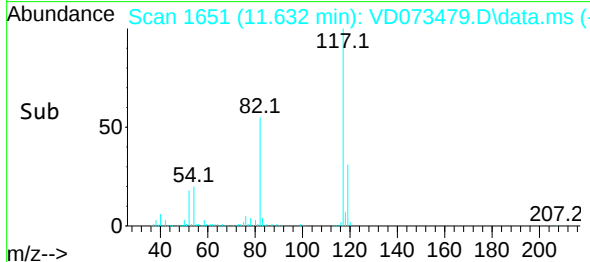
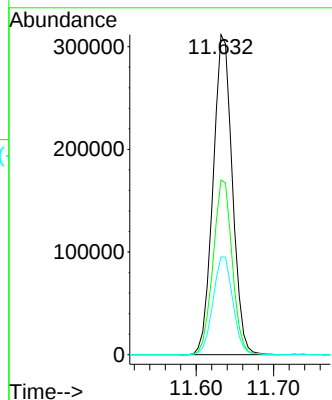
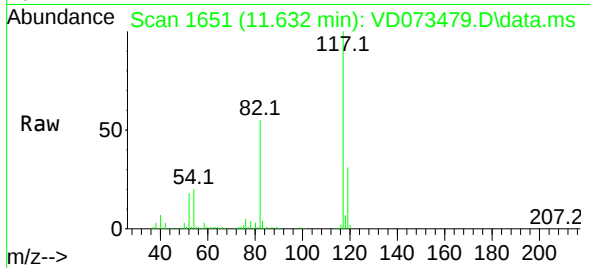




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

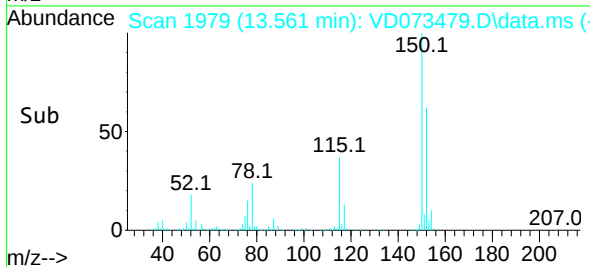
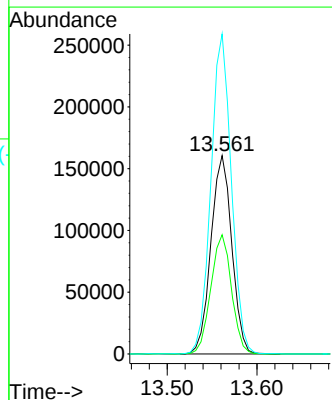
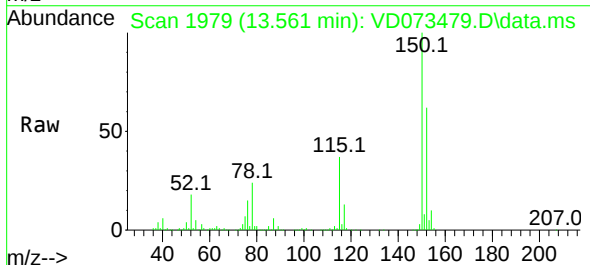
Instrument :
MSVOA_D
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HR-02-060322

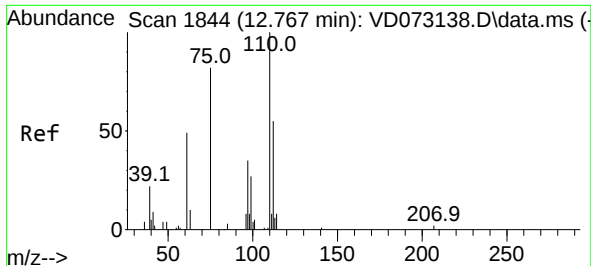
Tgt Ion:117 Resp: 538151
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 30.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Tgt Ion:152 Resp: 259823
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 157.5 0.0 348.6

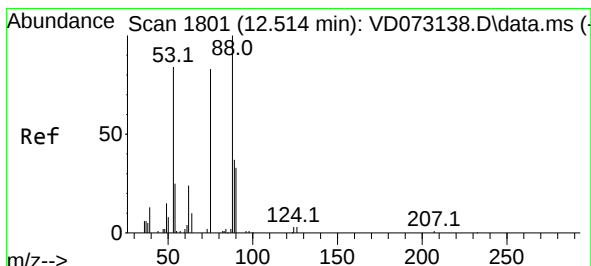
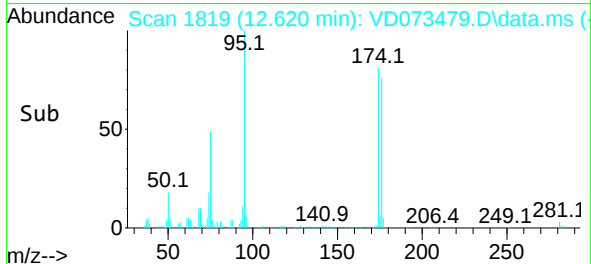
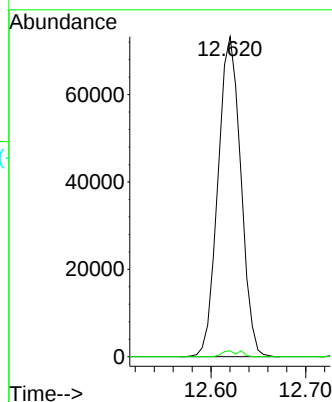
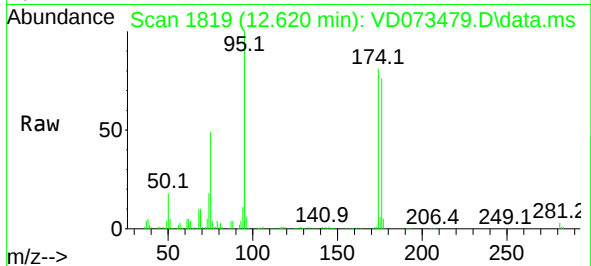




#76
1,2,3-Trichloropropane
Concen: 48.184 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

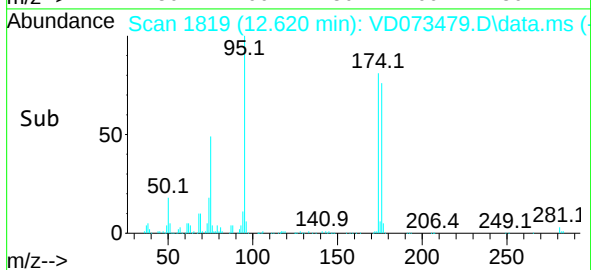
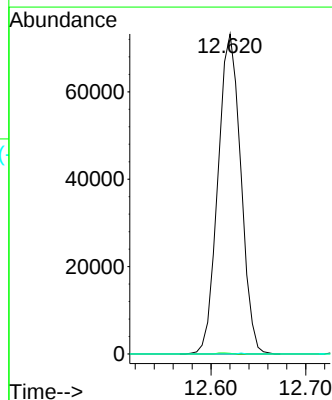
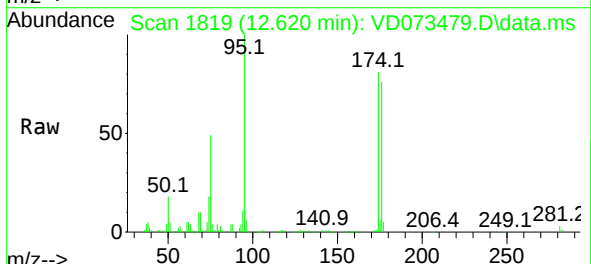
Instrument :
MSVOA_D
ClientSampleId :
HR-02-060322

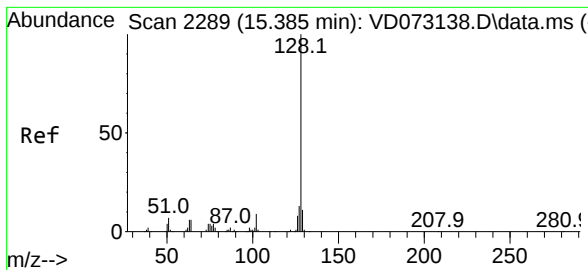
Tgt Ion: 75 Resp: 122837
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.676 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

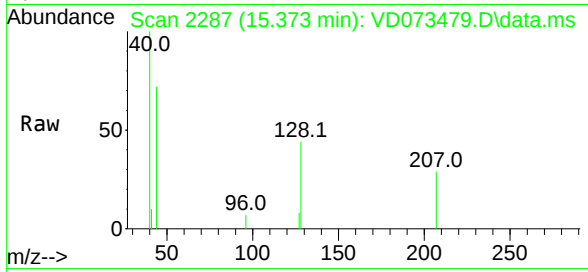
Tgt Ion: 75 Resp: 122837
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 3.719 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073479.D
Acq: 06 Jun 2022 17:18

Instrument :
MSVOA_D
ClientSampleId :
HR-02-060322



Tgt Ion:	128	Resp:	1625
Ion	Ratio	Lower	Upper
128	100		
127	3.9	10.3	15.5#
129	0.0	8.4	12.6#

