

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073274.D
 Acq On : 23 May 2022 10:58
 Operator : VA/SY
 Sample : VD0523SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL01

Quant Time: May 24 03:24:57 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)

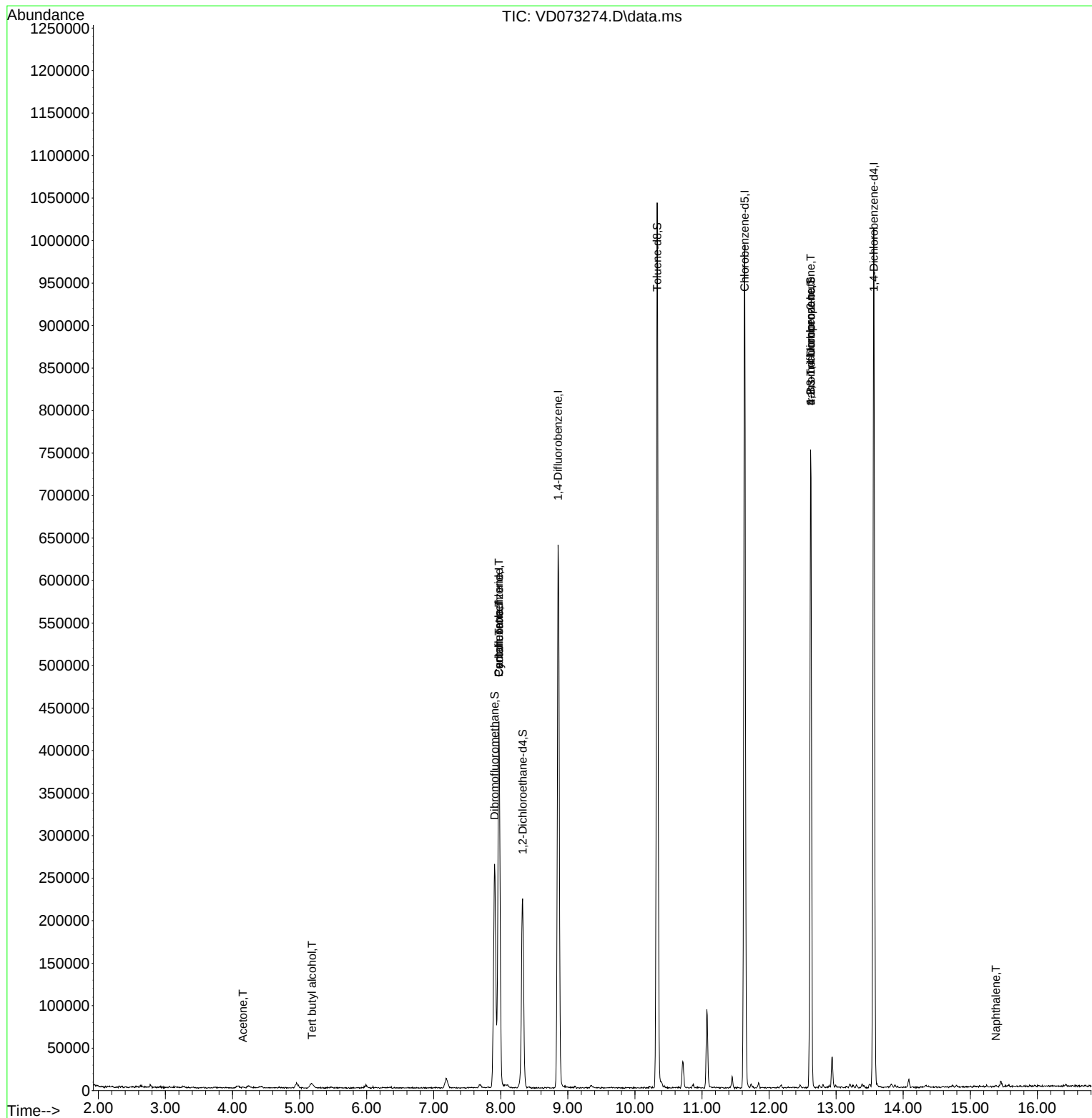
Internal Standards						
1) Pentafluorobenzene	7.973	168	306073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	544701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	578060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175310	51.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.908	113	189002	52.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.160%			
50) Toluene-d8	10.332	98	680081	51.329	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.620	95	248359	53.413	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.820%			
Target Compounds						
5) Bromomethane	2.767	94	602	Below Cal	#	54
11) Tert butyl alcohol	5.185	59	5132	9.779	ug/l #	74
16) Acetone	4.156	43	1561	2.664	ug/l #	89
20) Methylene Chloride	4.956	84	4547	Below Cal	#	63
31) Cyclohexane	7.973	56	8349	1.412	ug/l #	1
38) Carbon Tetrachloride	7.973	117	33846	6.177	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	122938	47.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	122938	113.305	ug/l #	7
95) Naphthalene	15.384	128	878	3.635	ug/l #	70

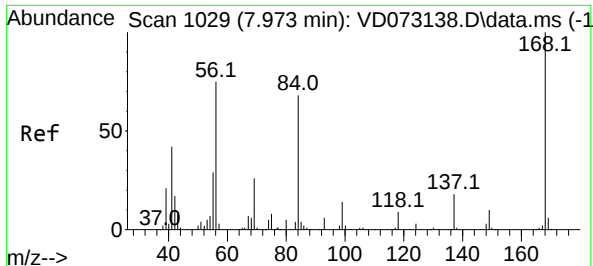
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

Quant Time: May 24 03:24:57 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

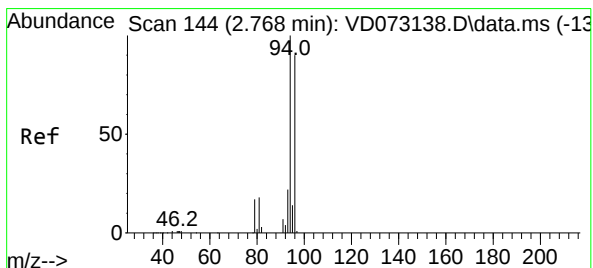
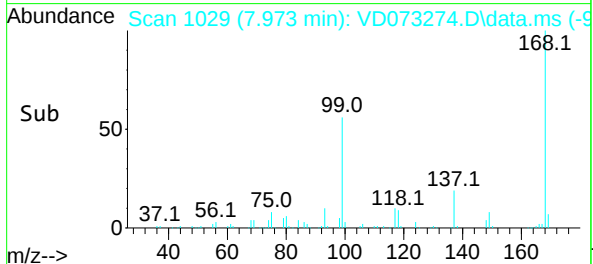
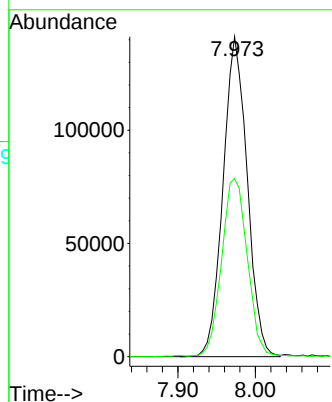
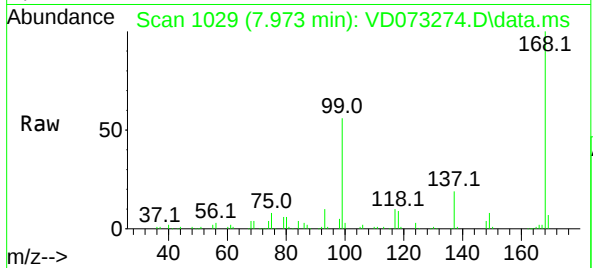




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

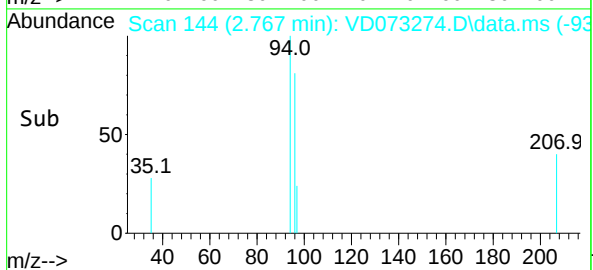
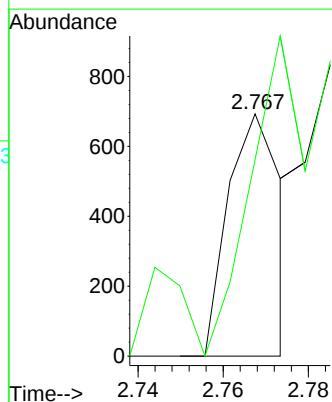
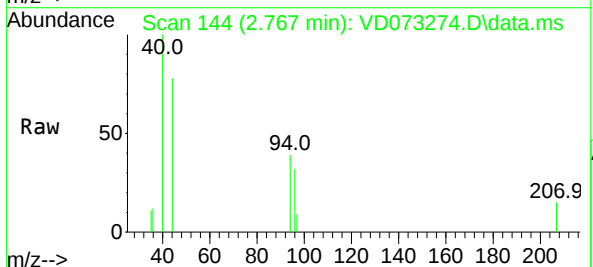
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

Tgt Ion:168 Resp: 306073
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 52.1 77.6 116.4#

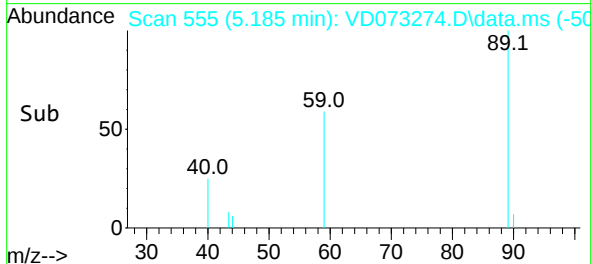
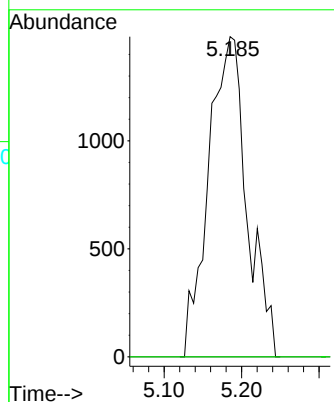
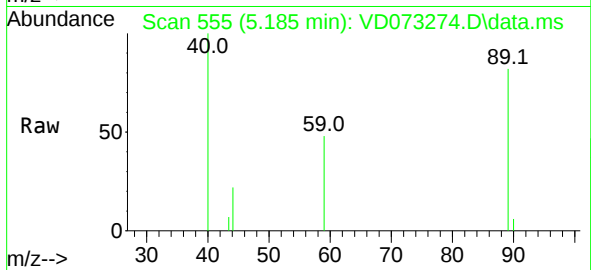




#11
Tert butyl alcohol
Concen: 9.779 ug/l
RT: 5.185 min Scan# 5132
Delta R.T. -0.024 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

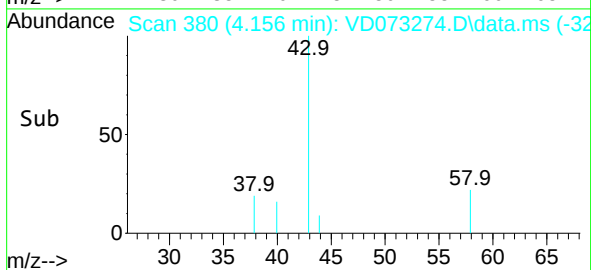
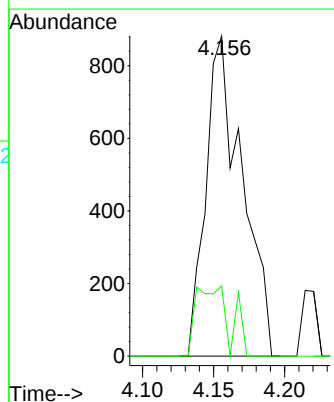
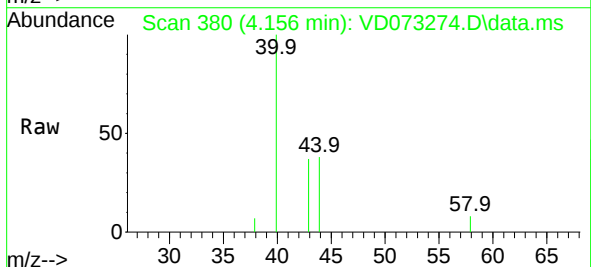
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

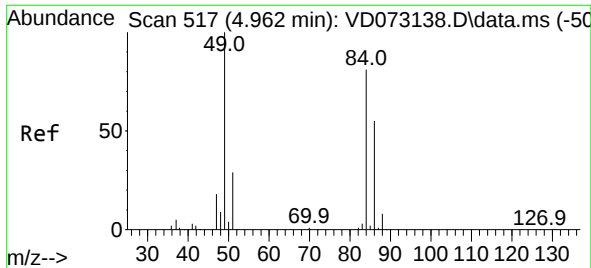
Tgt Ion: 59 Resp: 5132
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.664 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 21.9 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL01

Tgt Ion: 84 Resp: 4547

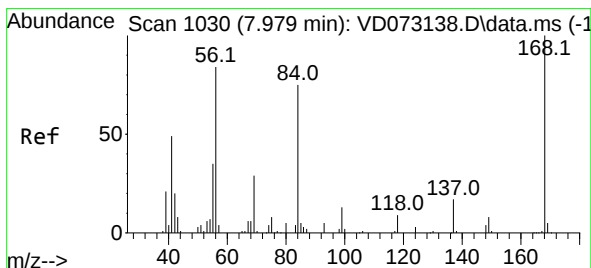
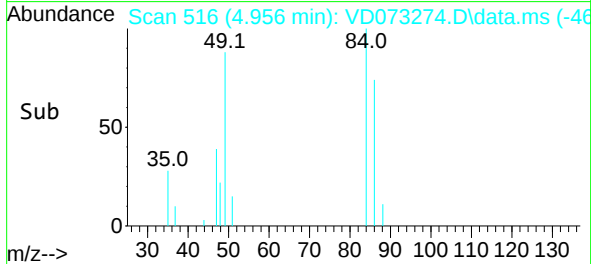
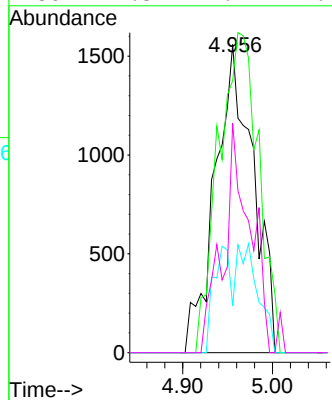
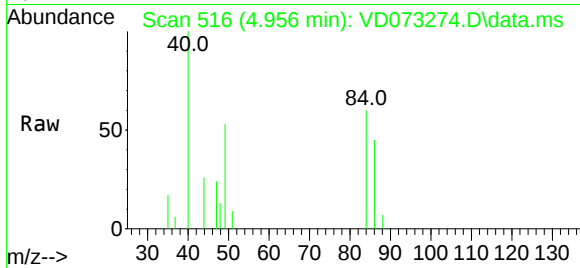
Ion Ratio Lower Upper

84 100

49 88.3 112.8 169.2#

51 15.1 32.6 48.8#

86 74.5 47.9 71.9#



#31

Cyclohexane

Concen: 1.412 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

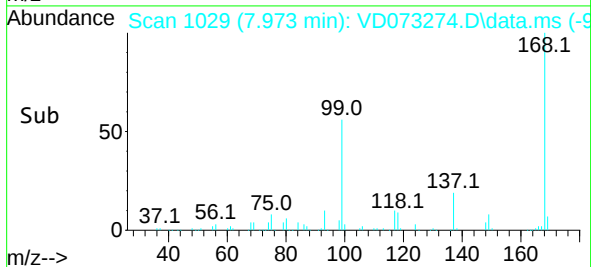
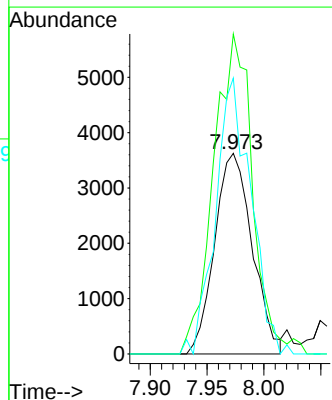
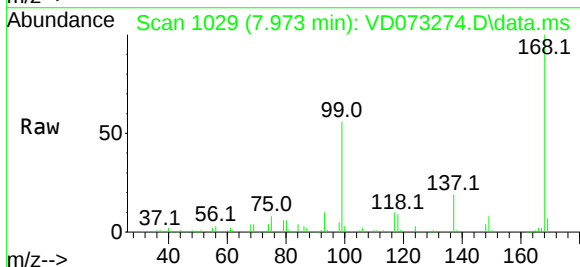
Tgt Ion: 56 Resp: 8349

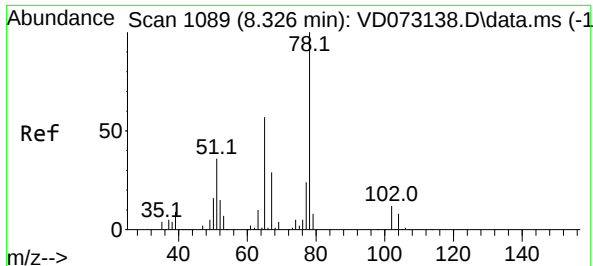
Ion Ratio Lower Upper

56 100

69 159.5 25.4 38.2#

84 137.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.828 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

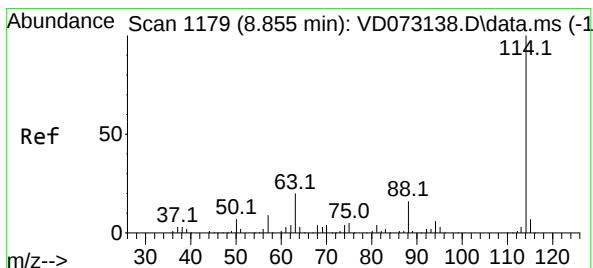
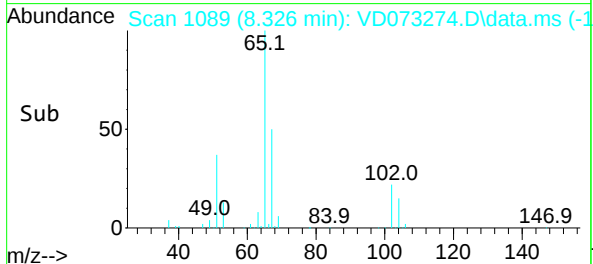
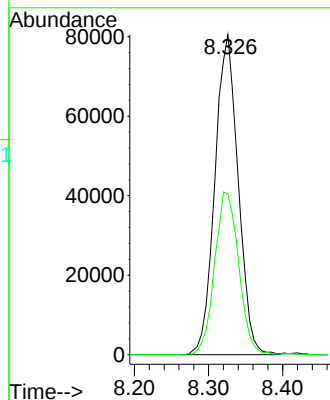
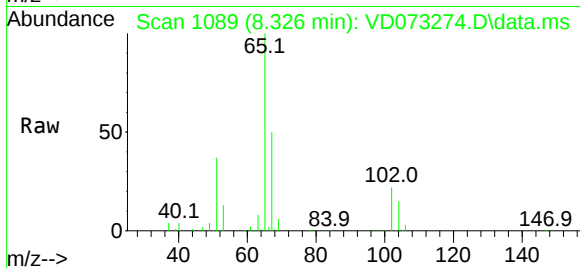
VD0523SBL01

Tgt Ion: 65 Resp: 175310

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

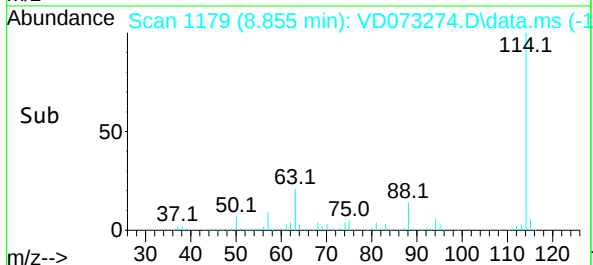
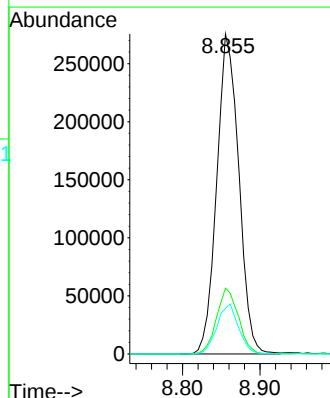
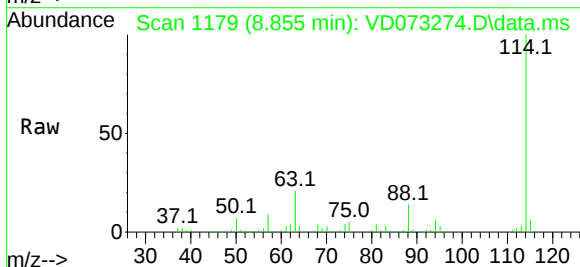
Tgt Ion: 114 Resp: 544701

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.584 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL01

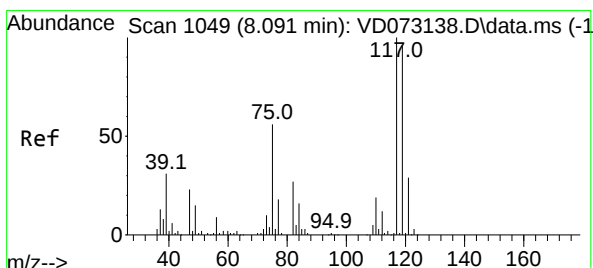
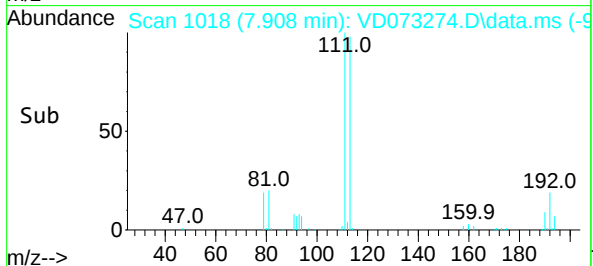
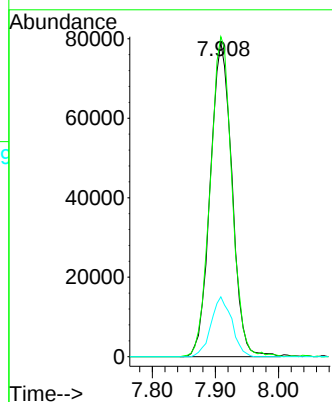
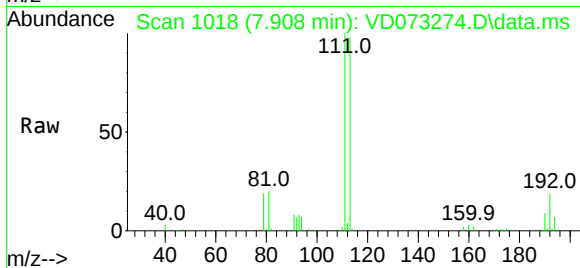
Tgt Ion:113 Resp: 189002

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.2 14.6 21.8



#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073274.D

Acq: 23 May 2022 10:58

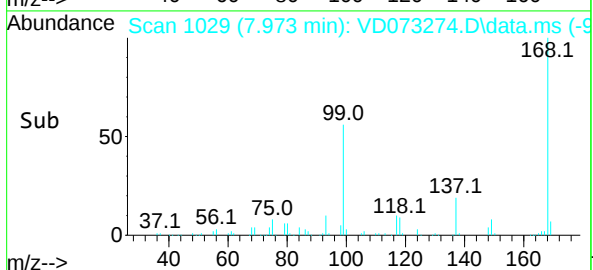
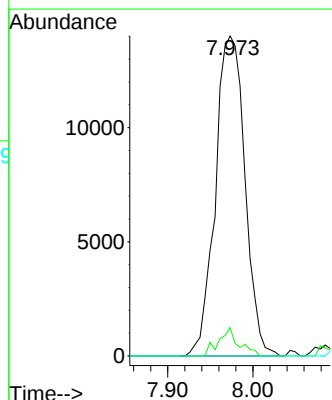
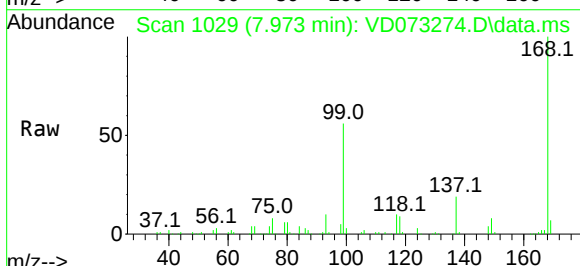
Tgt Ion:117 Resp: 33846

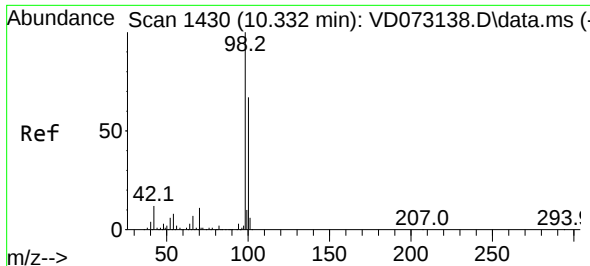
Ion Ratio Lower Upper

117 100

119 8.9 75.8 113.6#

121 0.0 24.5 36.7#

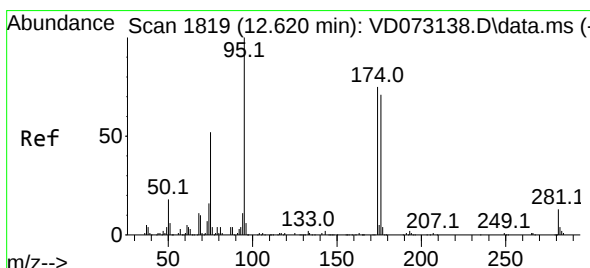
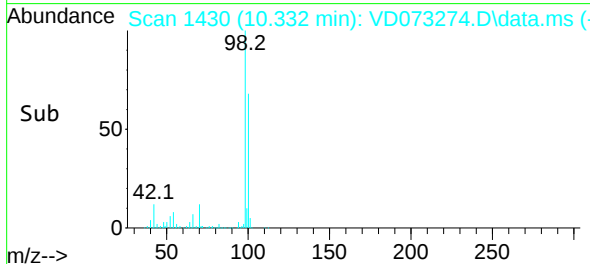
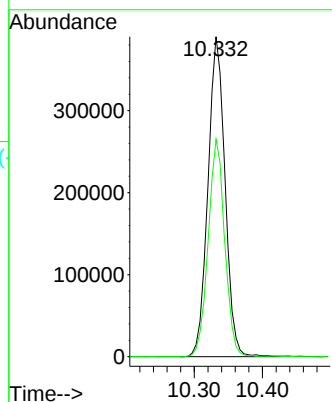
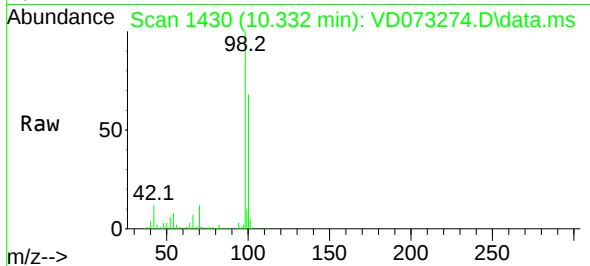




#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

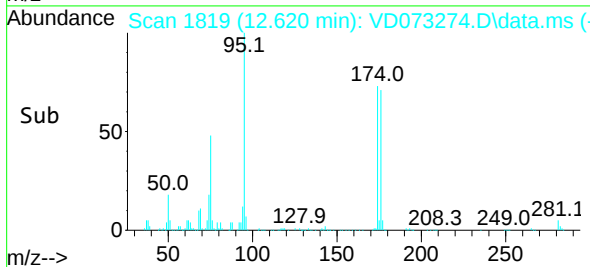
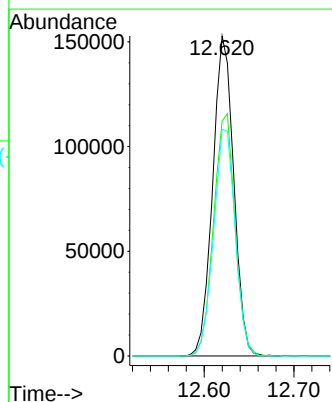
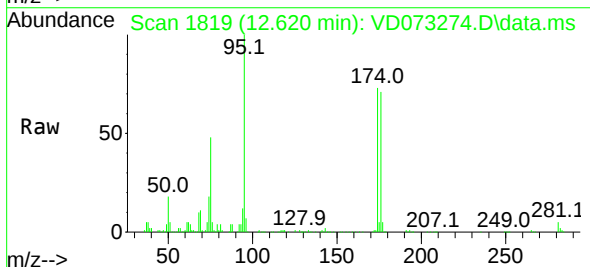
Instrument :
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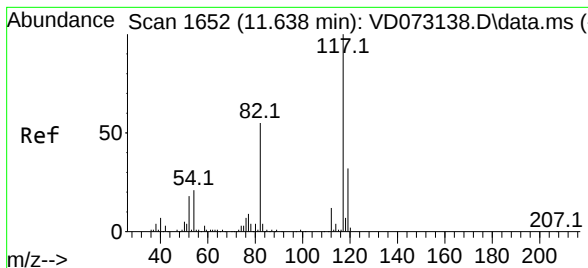
Tgt Ion: 98 Resp: 680081
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.413 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion: 95 Resp: 248359
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.0 0.0 145.4

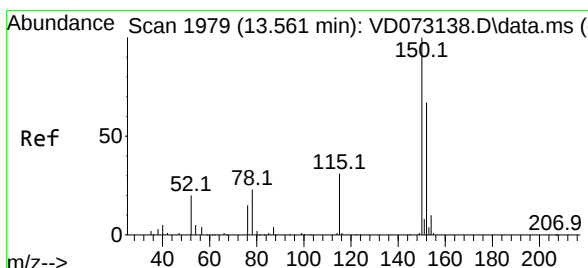
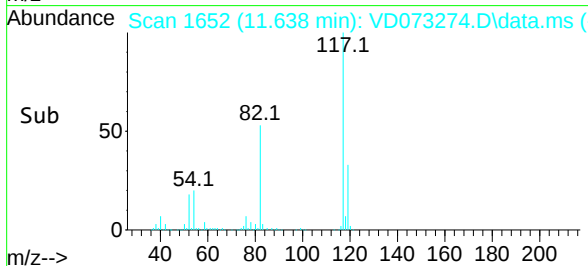
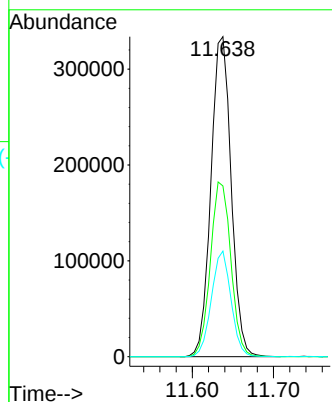
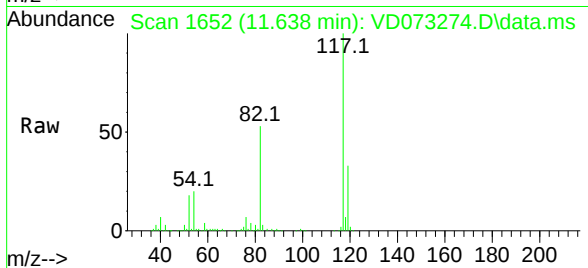




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

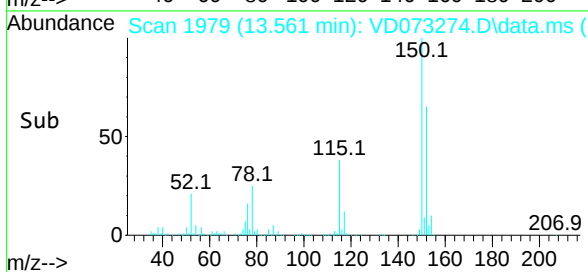
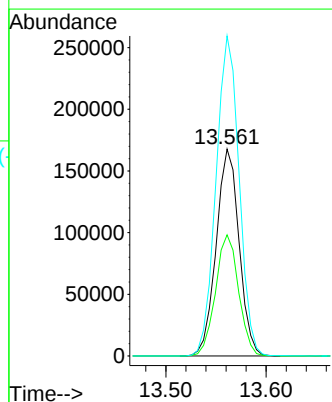
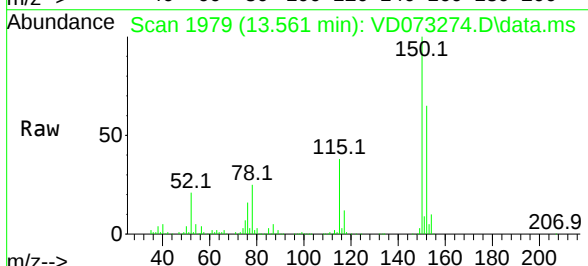
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

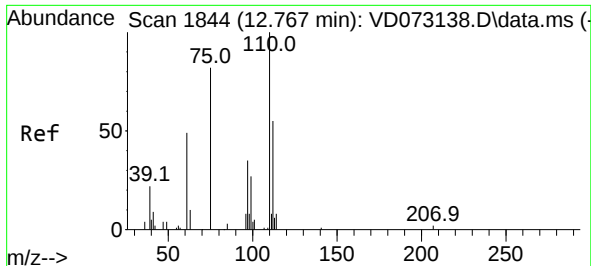
Tgt Ion:117 Resp: 578060
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Tgt Ion:152 Resp: 265477
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 156.0 0.0 348.6

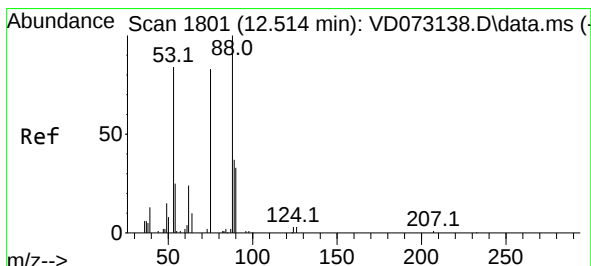
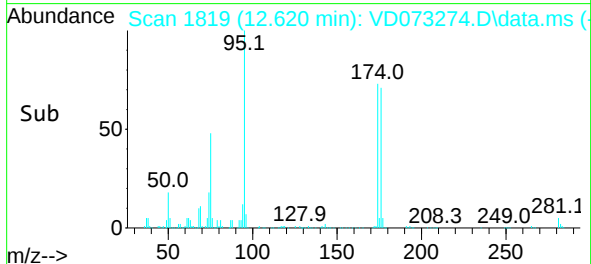
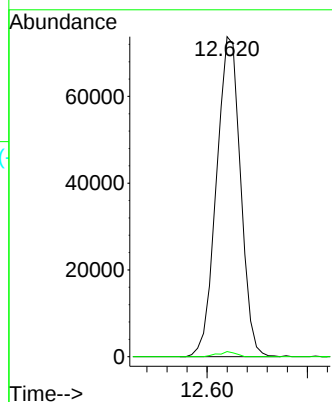
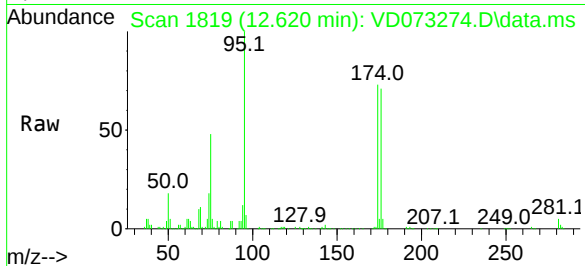




#76
1,2,3-Trichloropropane
Concen: 47.197 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

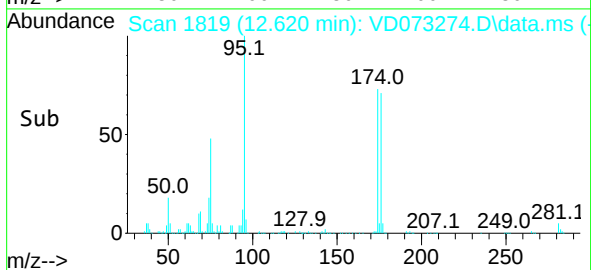
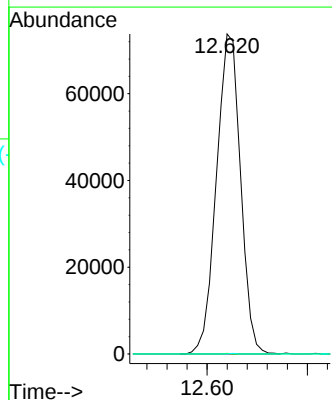
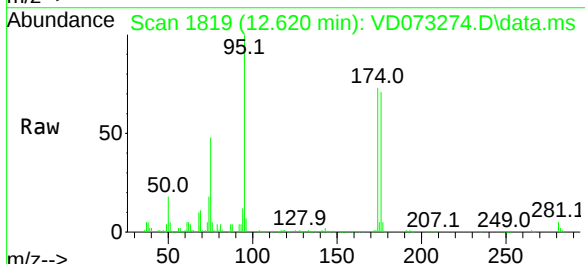
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

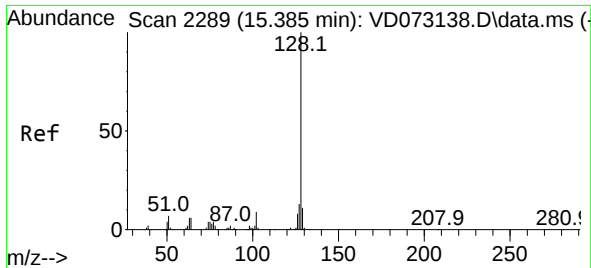
Tgt Ion: 75 Resp: 122938
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.305 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

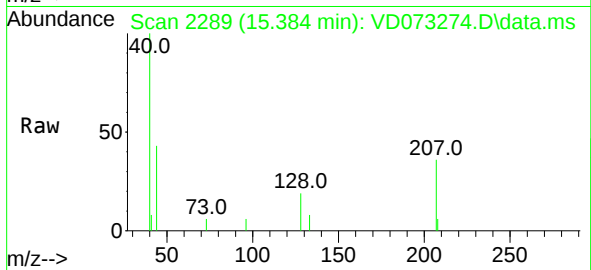
Tgt Ion: 75 Resp: 122938
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.635 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD073274.D
Acq: 23 May 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

