

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007358.D
 Acq On : 10 Dec 2018 15:27
 Operator : SY/AP
 Sample : J6297-01
 Misc : 6.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:21:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	120578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	97098	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44180	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	20417	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.00%
7) Chloroethane-d5	2.90	69	15438	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
10) 1,1-Dichloroethene-d2	4.01	63	50099	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.96%
20) 2-Butanone-d5	7.07	46	23288	47.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.08%
24) Chloroform-d	7.65	84	68842	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	42446	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.88%
29) Benzene-d6	8.27	84	131768	24.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.96%
33) 1,2-Dichloropropane-d6	9.27	67	38137	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.32	98	125864	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.84%
38) trans-1,3-Dichloropropene-	10.58	79	19522	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
39) 2-Hexanone-d5	10.93	63	18550	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	33612	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	39261	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

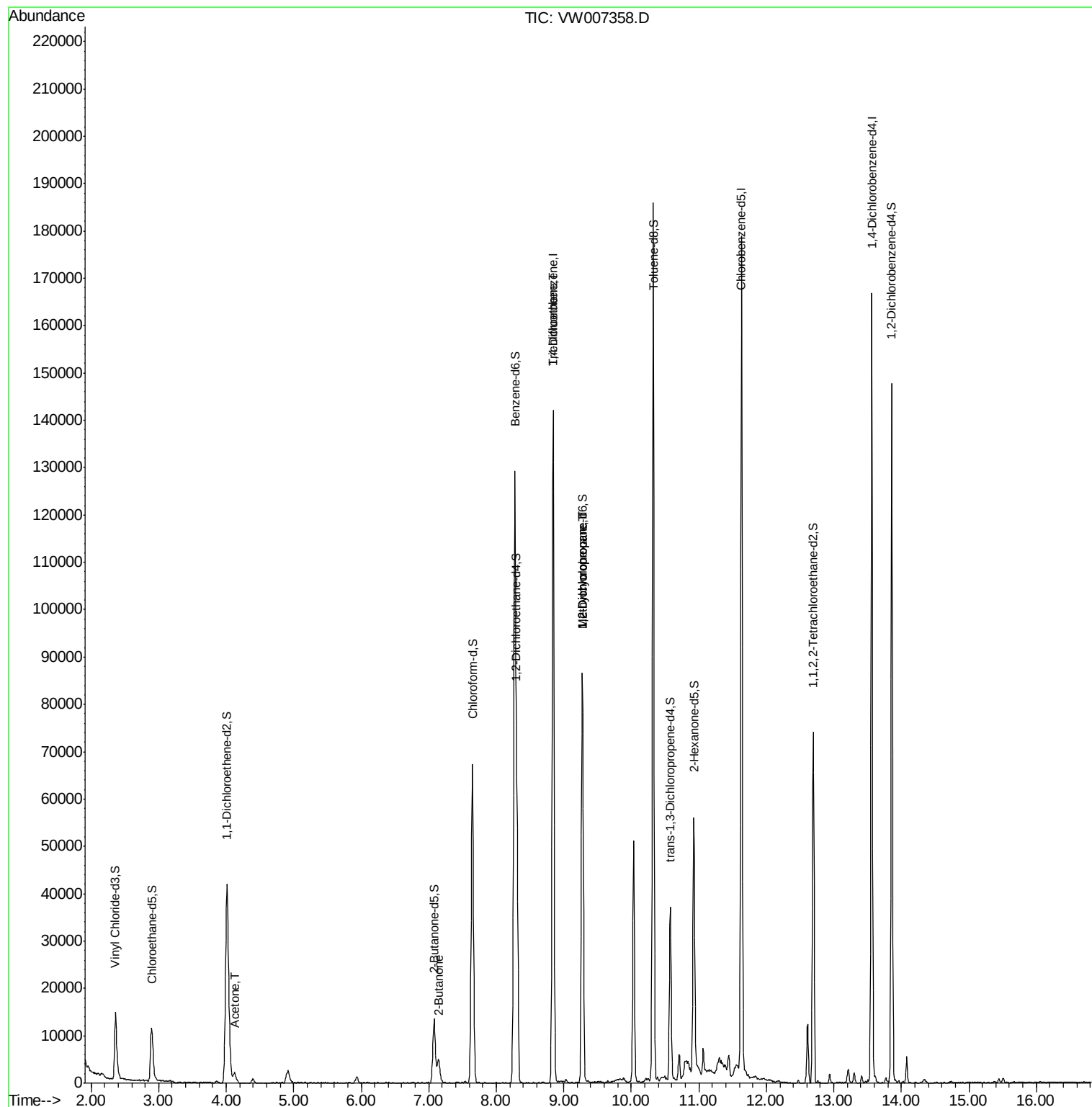
					Ovalue
13) Acetone	4.12	43	3352	5.823 ug/L	98
21) 2-Butanone	7.16	43	444	0.718 ug/L #	45
35) Trichloroethene	8.84	95	3622	2.270 ug/L #	4
36) Methylcyclohexane	9.27	83	10140	3.681 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4630	3.401 ug/L #	86

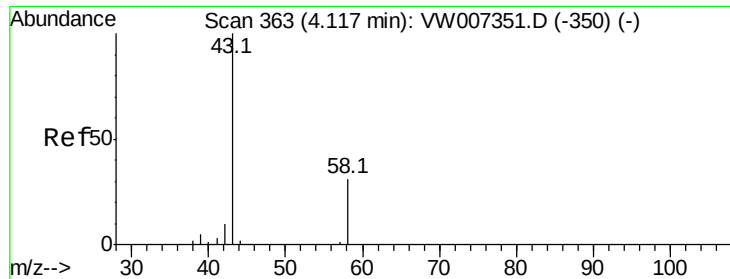
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.823 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007358.D

Acq: 10 Dec 2018 15:27

Instrument :

MSVOA_W

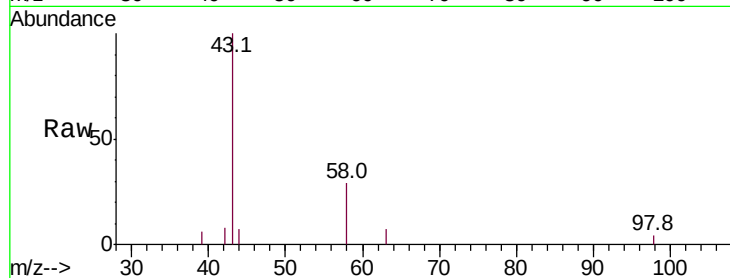
ClientSampleId :

Tot Ion: 43 Resp: 3352

Ion Ratio Lower Upper

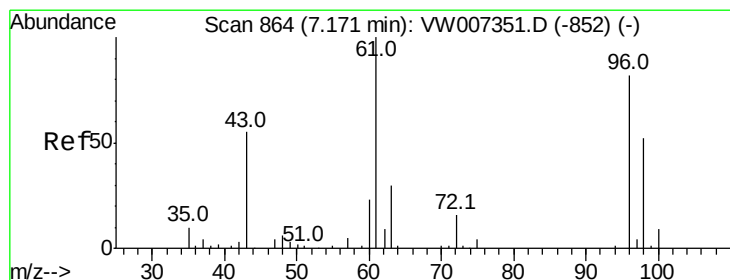
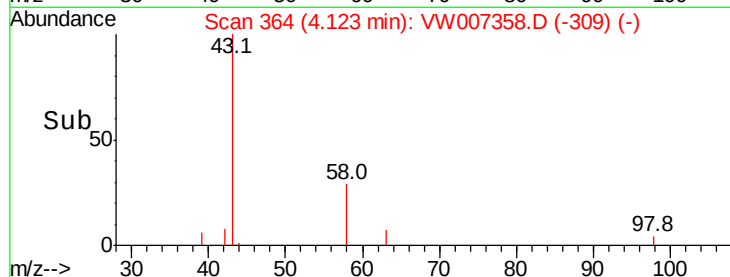
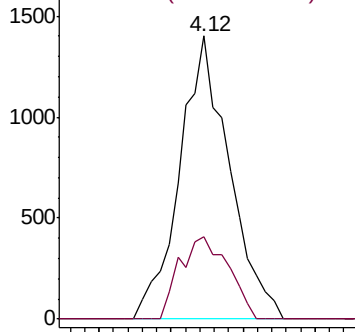
43 100

58 28.5 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.718 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007358.D

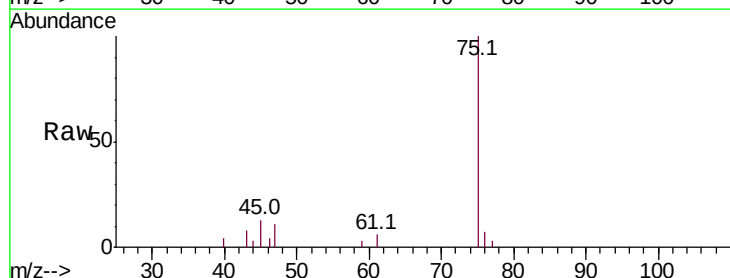
Acq: 10 Dec 2018 15:27

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

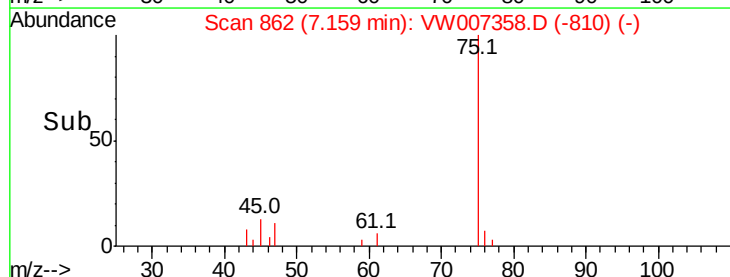
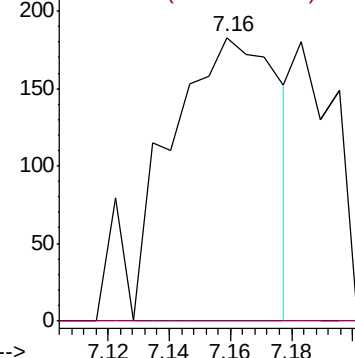
43 100

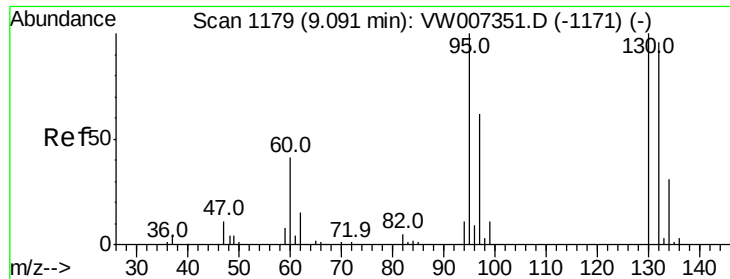
72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.270 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007358.D

Acq: 10 Dec 2018 15:27

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3622

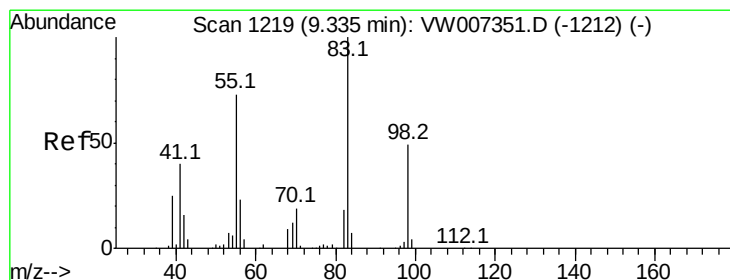
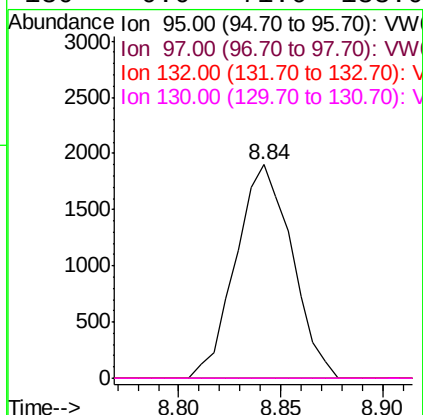
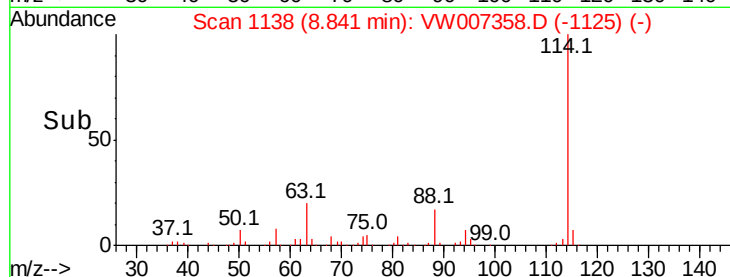
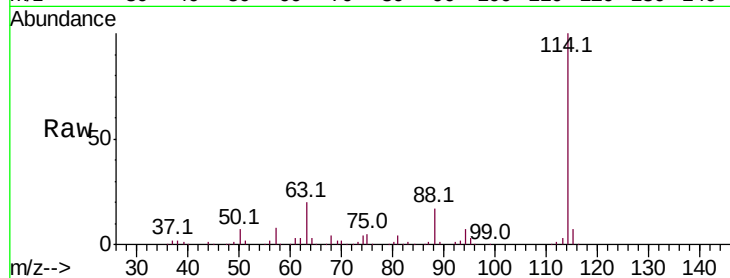
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



#36

Methylcyclohexane

Concen: 3.681 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007358.D

Acq: 10 Dec 2018 15:27

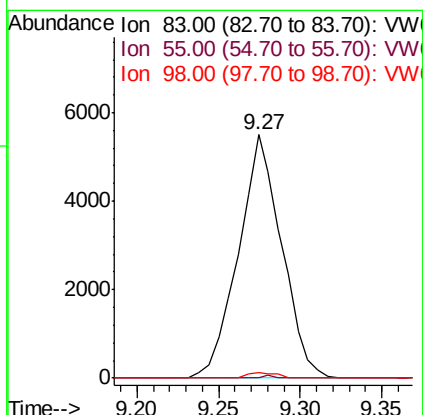
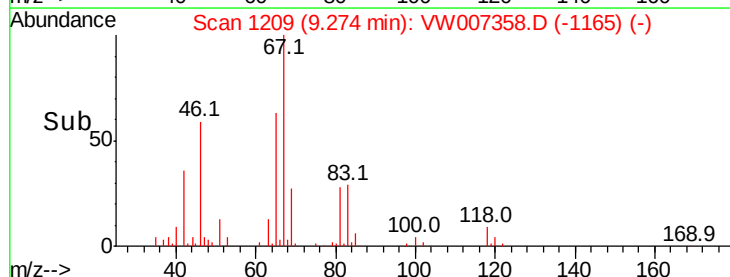
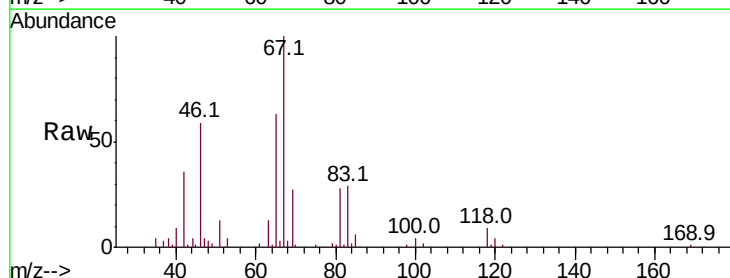
Tgt Ion: 83 Resp: 10140

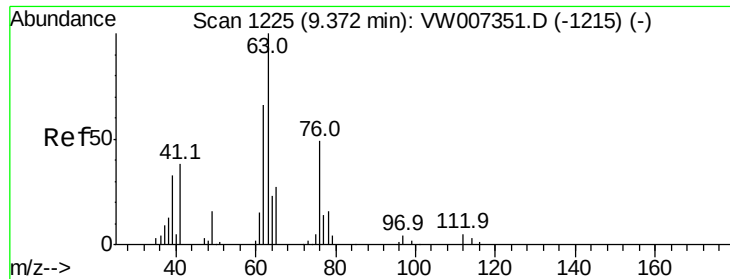
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

98 1.5 38.1 57.1#





#40

1,2-Dichloropropane

Concen: 3.401 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007358.D

Acq: 10 Dec 2018 15:27

Instrument :

MSVOA_W

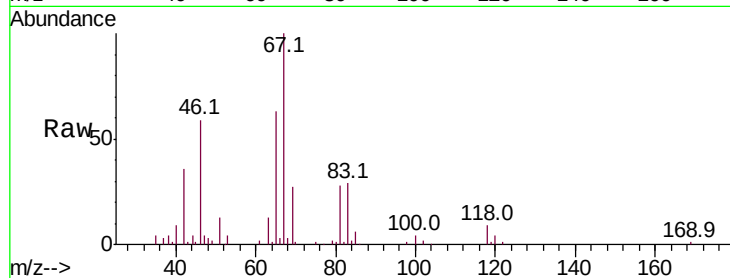
ClientSampleId :

Tot Ion: 63 Resp: 4630

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW007358.D (-1171) (-)

Ion 112.00 (111.70 to 112.70): VW007358.D (-1171) (-)

